

Chapter 3

Tag Elements Beginning with C

This chapter lists the configuration tag elements that have names beginning with the letter *c*. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page cdxiii.

For information about the tag elements that client applications use to request, change, and commit configuration information, see the *JUNOScript API Guide* and *NETCONF API Guide*.



NOTE: Every tag element in this chapter optionally accepts the `<apply-groups>` or `<apply-groups-except>` tag element and the `<apply-macro>` tag element as children. For brevity, the reference entries do not list these tag elements as children. For information about these tag elements, see `<apply-groups>` on page 631, `<apply-groups-except>` on page 631, and `<apply-macro>` on page 632.

<ca-profile> (configuration/security/pki)

Usage	<pre><configuration> <security> <pki> <ca-profile> <name>name</name> <!-- identifier --> <ca-identity>ca-identity</ca-identity> <!-- mandatory --> <enrollment>...</enrollment> <revocation-check>...</revocation-check> </ca-profile> </pki> </security> </configuration></pre>
Description	Certificate authority profile configuration.
Contents	<p><code><ca-identity></code>—Certificate authority identifier.</p> <p><code><enrollment></code>—Enrollment parameters for certificate authority.</p> <p><code><name></code>—Name of certificate authority profile.</p> <p><code><revocation-check></code>—Method for checking certificate revocations.</p>

<called-station-id> (configuration/access/profile/radius/attributes/exclude)

Usage <configuration>
 <access>
 <profile>
 <radius>
 <attributes>
 <exclude>
 <called-station-id>
 <name>name</name> <!-- identifier -->
 </called-station-id>
 </exclude>
 </attributes>
 </radius>
 </profile>
 </access>
 </configuration>

Description Excludes RADIUS attribute 30, Called-Station-ID.

Contents <name>—Excludes RADIUS attribute 30, Called-Station-ID.

- access-request—RADIUS Access-Request message.
- accounting-start—RADIUS Accounting-Start message.
- accounting-stop—RADIUS Accounting-Stop message.

<calling-station-id> (configuration/access/profile/radius/attributes/exclude)

Usage <configuration>
 <access>
 <profile>
 <radius>
 <attributes>
 <exclude>
 <calling-station-id>
 <name>*name*</name> <!-- identifier -->
 </calling-station-id>
 </exclude>
 </attributes>
 </radius>
 </profile>
 </access>
 </configuration>

Description Excludes RADIUS attribute 31, Calling-Station-ID.

Contents <name>—Excludes RADIUS attribute 31, Calling-Station-ID.

- access-request—RADIUS Access-Request message.
- accounting-start—RADIUS Accounting-Start message.
- accounting-stop—RADIUS Accounting-Stop message.

<capture-group> (configuration/services/dynamic-flow-capture)

Usage <configuration>
 <services>
 <dynamic-flow-capture>
 <capture-group>
 <name>*name*</name> <!-- identifier -->
 <interfaces>...</interfaces> <!-- mandatory -->
 <input-packet-rate-threshold>*pps*</input-packet-rate-threshold>
 <max-duplicates>*max-duplicates*</max-duplicates>
 <duplicates-dropped-periodicity>*duplicates-dropped-periodicity*
 </duplicates-dropped-periodicity>
 <pic-memory-threshold>...</pic-memory-threshold>
 <control-source>...</control-source>
 <content-destination>...</content-destination>
 </capture-group>
 </dynamic-flow-capture>
 </services>
 </configuration>

Description Configure DFC group parameters.

Contents <content-destination>—Configure content destination parameters.

<control-source>—Configure control source parameters.

<duplicates-dropped-periodicity>—Periodicity of DuplicatesDropped notification in secs.

<input-packet-rate-threshold>— Input pps (max 300k on MO-III, 1 M on MS-400).

<interfaces>—DFC PIC(s) in this group.

<max-duplicates>—Maximum content destinations for the capture group.

<name>—DFC group name.

<pic-memory-threshold>—PIC memory threshold.

<categories> (configuration/snmp/trap-group)

Usage <configuration>
 <snmp>
 <trap-group>
 <categories>
 <authentication/>
 <chassis/>
 <link/>
 <remote-operations/>
 <routing/>
 <startup/>
 <ggsn/>
 <rmon-alarm/>
 <vrrp-events/>
 <configuration/>
 <services/>
 <sonet-alarms>...</sonet-alarms>
 <otn-alarms>...</otn-alarms>
 </categories>
 </trap-group>
 </snmp>
 </configuration>

Description Trap categories.

Contents <authentication>—Authentication failures.

<chassis>—Chassis or environment notifications.

<configuration>—Configuration notifications.

<ggsn>—GGSN notifications.

<link>—Link up-down transitions.

<otn-alarms>—OTN alarm trap subcategories.

<remote-operations>—Remote operations.

<rmon-alarm>—RMON rising and falling alarms.

<routing>—Routing protocol notifications.

<services>—Services notifications.

<sonet-alarms>—SONET alarm trap subcategories.

<startup>—System warm and cold starts.

<vrrp-events>—VRRP notifications.

<category> (configuration/security/idp/dynamic-attack-group/filters)

Usage	<pre><configuration> <security> <idp> <dynamic-attack-group> <filters> <category> <values>...</values> <!-- mandatory --> </category> </filters> </dynamic-attack-group> </idp> </security> </configuration></pre>
Description	Category of attack.
Contents	<values>—Values for category field.

<category> (configuration/services/ggsn/apn/user-category)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <user-category>
 <category>
 <name>*name*</name> <!-- identifier -->
 <cc-values>...</cc-values>
 <imsi>*imsi*</imsi>
 <msisdn>*msisdn*</msisdn>
 <rule-space>...</rule-space>
 <pdp-context>...</pdp-context>
 <policy-control-static-profile>*policy-control-static-profile*
 </policy-control-static-profile>
 <policy-control-dynamic-profile>*policy-control-dynamic-profile*
 </policy-control-dynamic-profile>
 <policy-control-dynamic-gx-profile>*policy-control-dynamic-gx-profile*
 </policy-control-dynamic-gx-profile>
 <rating-control-profile>*rating-control-profile*</rating-control-profile>
 <credit-control-profile>*credit-control-profile*</credit-control-profile>
 <credit-control-ro-profile>*credit-control-ro-profile*
 </credit-control-ro-profile>
 <charging-unit-profile>*charging-unit-profile*</charging-unit-profile>
 <block-based-charging-profile>*block-based-charging-profile*
 </block-based-charging-profile>
 <qos-control-profile>*qos-control-profile*</qos-control-profile>
 </category>
 </user-category>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description No documentation is available yet.

Contents <block-based-charging-profile>—Block-based charging profile.

<cc-values>—CC values that select this category.

<charging-unit-profile>—Charging unit profile.

<credit-control-profile>—Credit control profile.

<credit-control-ro-profile>—Ro profile.

<imsi>—IMSI regular expression that selects this category.

<msisdn>—MSISDN regular expression that selects this category.

<name>—User category identifier.

<pdp-context>—PDP context settings.

<policy-control-dynamic-gx-profile>—Gx policy control profile.

<policy-control-dynamic-profile>—Dynamic policy control profile.

<policy-control-static-profile>—Static policy-control profile.

<qos-control-profile>—QoS control profile.

<rating-control-profile>—Rating control profile.

<rule-space>—Default rule space settings.

<cause> (configuration/services/ggsn/service-identification/header-redirect-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <header-redirect-set>
 <cause>
 <name>*name*</name> <!-- identifier -->
 <destination-address>*destination-address*</destination-address>
 <destination-port>*destination-port*</destination-port>
 </cause>
 </header-redirect-set>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description No documentation is available yet.

Contents <destination-address>—Redirect to this IP address.

<destination-port>—Redirect to this TCP/UDP port.

<name>—Cause of redirection.

- blacklisted—Traffic redirection because if blacklisted rating group.
- calendar-time—Traffic redirection because of time-of-day change.
- cost-warning—Traffic redirection because of cost warning limit.
- credit-expiry—Traffic redirection because of expiration of credit.
- default—Default traffic redirection rule.
- not-allowed—Traffic redirection because of disallowed service class.
- quality-of-service—Traffic redirection because of QoS.
- roaming—Traffic redirection because of roaming.
- terminal—Traffic redirection because of terminal denied access.
- unknown—Traffic redirection because of unknown reason.
- unsubscribed—Traffic redirection because of unsubscribed service class.
- user-defined-reason-1—User-defined authorization code (1).
- user-defined-reason-2—User-defined authorization code (2).
- user-defined-reason-3—User-defined authorization code (3).

- `user-defined-reason-4`—User-defined authorization code (4).
- `user-defined-reason-5`—User-defined authorization code (5).
- `volume-expired`—Traffic redirection because of expiration of volume limit.

<cause> (configuration/services/ggsn/service-identification/uri-redirect-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <uri-redirect-set>
 <cause>
 <name>name</name> <!-- identifier -->
 <uri>uri</uri>
 </cause>
 </uri-redirect-set>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description No documentation is available yet.

Contents <name>—Cause of redirection.

- blacklisted—Traffic redirection because if blacklisted rating group.
- calendar-time—Traffic redirection because of time-of-day change.
- cost-warning—Traffic redirection because of cost warning limit.
- credit-expiry—Traffic redirection because of expiration of credit.
- default—Default traffic redirection rule.
- not-allowed—Traffic redirection because of disallowed service class.
- quality-of-service—Traffic redirection because of QoS.
- roaming—Traffic redirection because of roaming.
- terminal—Traffic redirection because of terminal denied access.
- unknown—Traffic redirection because of unknown reason.
- unsubscribed—Traffic redirection because of unsubscribed service class.
- user-defined-reason-1—User-defined authorization code (1).
- user-defined-reason-2—User-defined authorization code (2).
- user-defined-reason-3—User-defined authorization code (3).
- user-defined-reason-4—User-defined authorization code (4).
- user-defined-reason-5—User-defined authorization code (5).
- volume-expired—Traffic redirection because of expiration of volume limit.

<uri>—Redirect to this URI.

<cbr> (configuration/dynamic-profiles/interfaces/interface/atm-options/vpi/shaping)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <atm-options>
          <vpi>
            <shaping>
              <cbr>
                <cbr-value>cbr-value</cbr-value>    <!-- mandatory -->
                <cdvt>cdvt</cdvt>
              </cbr>
            </shaping>
          </vpi>
        </atm-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Constant bandwidth utilization.

Contents <cbr-value>—Constant bandwidth utilization.

<cdvt>—Cell Delay Variation Tolerance.

<cbr> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/address/multipoint-destination/shaping)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <multipoint-destination>
                  <shaping>
                    <cbr>
                      <cbr-value>cbr-value</cbr-value>    <!-- mandatory -->
                      <cdvt>cdvt</cdvt>
                    </cbr>
                  </shaping>
                </multipoint-destination>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Constant bandwidth utilization.

Contents <cbr-value>—Constant bandwidth utilization.

<cdvt>—Cell Delay Variation Tolerance.

<cbr> (configuration/dynamic-profiles/interfaces/interface/unit/shaping)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <shaping> <cbr> <cbr-value>cbr-value</cbr-value> <!-- mandatory --> <cdvt>cdvt</cdvt> </cbr> </shaping> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Constant bandwidth utilization.
Contents	<p><cbr-value>—Constant bandwidth utilization.</p> <p><cdvt>—Cell Delay Variation Tolerance.</p>

<cbr> (configuration/interfaces/interface/atm-options/vpi/shaping)

Usage	<pre> <configuration> <interfaces> <interface> <atm-options> <vpi> <shaping> <cbr> <cbr-value>cbr-value</cbr-value> <!-- mandatory --> <cdvt>cdvt</cdvt> </cbr> </shaping> </vpi> </atm-options> </interface> </interfaces> </configuration> </pre>
Description	Constant bandwidth utilization.
Contents	<p><cbr-value>—Constant bandwidth utilization.</p> <p><cdvt>—Cell Delay Variation Tolerance.</p>

<cbr> (configuration/interfaces/interface/unit/family/inet/address/multipoint-destination/shaping)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <multipoint-destination>
 <shaping>
 <cbr>
 <cbr-value>*cbr-value*</cbr-value> <!-- mandatory -->
 <cdvt>*cdvt*</cdvt>
 </cbr>
 </shaping>
 </multipoint-destination>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
</configuration>

Description Constant bandwidth utilization.

Contents <cbr-value>—Constant bandwidth utilization.

 <cdvt>—Cell Delay Variation Tolerance.

<cbr> (configuration/interfaces/interface/unit/shaping)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <shaping>
 <cbr>
 <cbr-value>*cbr-value*</cbr-value> <!-- mandatory -->
 <cdvt>*cdvt*</cdvt>
 </cbr>
 </shaping>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Constant bandwidth utilization.

Contents <cbr-value>—Constant bandwidth utilization.
 <cdvt>—Cell Delay Variation Tolerance.

<cbr> (configuration/logical-systems/interfaces/interface/unit/family/inet/address/multipoint-destination/shaping)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <multipoint-destination>
 <shaping>
 <cbr>
 <cbr-value>*cbr-value*</cbr-value> <!-- mandatory -->
 <cdvt>*cdvt*</cdvt>
 </cbr>
 </shaping>
 </multipoint-destination>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Constant bandwidth utilization.

Contents <cbr-value>—Constant bandwidth utilization.

 <cdvt>—Cell Delay Variation Tolerance.

<cbr> (configuration/logical-systems/interfaces/interface/unit/shaping)

Usage	<pre> <configuration> <logical-systems> <interfaces> <interface> <unit> <shaping> cbr <cbr-value>cbr-value</cbr-value> <!-- mandatory --> <cdvt>cdvt</cdvt> </cbr> </shaping> </unit> </interface> </interfaces> </logical-systems> </configuration> </pre>
Description	Constant bandwidth utilization.
Contents	<p><cbr-value>—Constant bandwidth utilization.</p> <p><cdvt>—Cell Delay Variation Tolerance.</p>

<cc-values> (configuration/services/ggsn/apn/user-category/category)

Usage	<pre> <configuration> <services> <ggsn> <apn> <user-category> <category> cc-values <name>name</name> <!-- identifier --> </cc-values> </category> </user-category> </apn> </ggsn> </services> </configuration> </pre>
Description	CC values that select this category.
Contents	<name>—CC values that select this category.

<ccc> (configuration/dynamic-profiles/interfaces/interface/unit/family)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <family> <ccc> <filter>...</filter> <policer>...</policer> <translate-fecn-and-becn/> <translate-discard-eligible/> <translate-plp-control-word-de/> <keep-address-and-control/> </ccc> </family> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Circuit cross-connect parameters.
Contents	<p><filter>—Packet filtering.</p> <p><keep-address-and-control>—Don't strip PPP address and control bytes.</p> <p><policer>—Interface policing.</p> <p><translate-discard-eligible>—Translate DE bit.</p> <p><translate-fecn-and-becn>—Translate FECN and BECN bits.</p> <p><translate-plp-control-word-de>—Translate PLP to/from Martini Control DE bit.</p>

<ccc> (configuration/firewall/family)

Usage	<pre> <configuration> <firewall> <family> <ccc> <filter>...</filter> </ccc> </family> </firewall> </configuration> </pre>
Description	Protocol family CCC for firewall filter.
Contents	<filter>—No documentation is available yet.

<ccc> (configuration/forwarding-options/port-mirroring/family)

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </port-mirroring>
 </forwarding-options>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccc> (configuration/forwarding-options/port-mirroring/instance/family)

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccc> (configuration/interfaces/interface/unit/family)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <family> <ccc> <filter>...</filter> <policer>...</policer> <translate-fecn-and-becn/> <translate-discard-eligible/> <translate-plp-control-word-de/> <keep-address-and-control/> </ccc> </family> </unit> </interface> </interfaces> </configuration> </pre>
Description	Circuit cross-connect parameters.
Contents	<p><filter>—Packet filtering.</p> <p><keep-address-and-control>—Don't strip PPP address and control bytes.</p> <p><policer>—Interface policing.</p> <p><translate-discard-eligible>—Translate DE bit.</p> <p><translate-fecn-and-becn>—Translate FECN and BECN bits.</p> <p><translate-plp-control-word-de>—Translate PLP to/from Martini Control DE bit.</p>

<ccc> (configuration/logical-systems/firewall/family)

Usage	<pre> <configuration> <logical-systems> <firewall> <family> <ccc> <filter>...</filter> </ccc> </family> </firewall> </logical-systems> </configuration> </pre>
Description	Protocol family CCC for firewall filter.
Contents	<filter>—No documentation is available yet.

<ccc> (configuration/logical-systems/interfaces/interface/unit/family)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <ccc>
              <filter>...</filter>
              <policer>...</policer>
              <translate-fecn-and-becn/>
              <translate-discard-eligible/>
              <translate-plp-control-word-de/>
              <keep-address-and-control/>
            </ccc>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Circuit cross-connect parameters.

Contents <filter>—Packet filtering.

<keep-address-and-control>—Don't strip PPP address and control bytes.

<policer>—Interface policing.

<translate-discard-eligible>—Translate DE bit.

<translate-fecn-and-becn>—Translate FECN and BECN bits.

<translate-plp-control-word-de>—Translate PLP to/from Martini Control DE bit.

<ccc> (configuration/logical-systems/routing-instances/instance/forwarding-options/port-mirroring/family)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccc> (configuration/logical-systems/routing-instances/instance/forwarding-options/port-mirroring/instance/family)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccc> (configuration/routing-instances/instance/forwarding-options/port-mirroring/family)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccc> (configuration/routing-instances/instance/forwarding-options/port-mirroring/instance/family)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <ccc>
 <output>...</output>
 </ccc>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Mirror layer-2 ccc packets.

Contents <output>—Destination for port-mirrored packets.

<ccr-avp> (configuration/services/ggsn/apn/ service-based-charging/credit-control/ro-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <ro-profile>
 <ccr-avp>
 <no-user-plmn-id/>
 <no-ggsn-plmn-id/>
 <apn-type>*apn-type-choice*</apn-type>
 </ccr-avp>
 </ro-profile>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Inclusion of optional attributes in credit control requests.

Contents <apn-type>—APN type to include in Credit Control Requests.

- gi-apn—Include Gi APN in CCR.
- gn-apn—Include Gn APN in CCR.

<no-ggsn-plmn-id>—Do not include ggsn-plmn-id AVP in credit control requests.

<no-user-plmn-id>—Do not include user-plmn-id AVP in credit control requests.

<cdr-attribute> (configuration/services/ggsn/charging)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <cdr-attribute>
 <no-reduced-partial/>
 <no-node-identifier/>
 <no-local-record-sequence-number/>
 <no-msisdn/>
 <msisdn-always/>
 <no-apn-network-identifier/>
 <no-pdp-type/>
 <no-pdp-address/>
 <no-dynamic-address-flag/>
 <no-traffic-volumes/>
 <traffic-volumes>...</traffic-volumes>
 <no-apn-selection-mode/>
 <no-cc-selection-mode/>
 <record-extension/>
 <no-sgsn-plmn-id/>
 <apn-encoding>apn-encoding-choice</apn-encoding>
 <record-extension-attributes>...</record-extension-attributes>
 <no-external-charging-id/>
 <no-ms-time-zone/>
 <no-user-location-information/>
 <enhanced-cdr>...</enhanced-cdr>
 <no-ims-signaling-context/>
 <no-rat-type/>
 <no-imei-sv/>
 </cdr-attribute>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Attributes in charging data records.

Contents <apn-encoding>—Method of ASN.1 encoding of the APN field in G-CDR.

■ digit-notation—Encode dot as digit.

■ dot-notation—Encode dot as '.'.

<enhanced-cdr>—Attribute settings for enhanced CDR.

<msisdn-always>—Always include MSISDN even if there is no change.

<no-apn-network-identifier>—Don't include network identifier of APN.

<no-apn-selection-mode>—Don't include index indicating how the APN was selected.

<no-cc-selection-mode>—Don't include information about how charging

characteristics were selected.

`<no-dynamic-address-flag>`—Don't include indication if served PDP address is dynamic.

`<no-external-charging-id>`—Don't include external charging id.

`<no-imei-sv>`—Don't include IMEI and software version.

`<no-ims-signaling-context>`—Don't include IMS signaling context.

`<no-local-record-sequence-number>`—Don't include local record sequence number.

`<no-ms-time-zone>`—Don't include ms time zone.

`<no-msisdn>`—Don't include MSISDN.

`<no-node-identifier>`—Don't include node identifier.

`<no-pdp-address>`—Don't include PDP address.

`<no-pdp-type>`—Don't include PDP type.

`<no-rat-type>`—Don't include radio access technology (RAT) type.

`<no-reduced-partial>`—Generate fully qualified partial CDRs only.

`<no-sgsn-plmn-id>`—Don't include the SGSN PLMN identifier.

`<no-traffic-volumes>`—Don't include list of traffic data volumes.

`<no-user-location-information>`—Don't include user location information.

`<record-extension>`—Include record extension.

`<record-extension-attributes>`—Record extension CDR attributes.

`<traffic-volumes>`—Include list of traffic data volumes.

<ce1> (configuration/chassis/fpc/pic)

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <ce1>
 <e1>...</e1>
 </ce1>
 </pic>
 </fpc>
 </chassis>
</configuration>

Description CE1 NxDS0 PIC configuration.

Contents <e1>—E1 link.

<ce1> (configuration/chassis/lcc/fpc/pic)

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <ce1>
 <e1>...</e1>
 </ce1>
 </pic>
 </fpc>
 </lcc>
 </chassis>
</configuration>

Description CE1 NxDS0 PIC configuration.

Contents <e1>—E1 link.

<certificate-id> (configuration/security/pki/auto-re-enrollment)

Usage <configuration>
 <security>
 <pki>
 <auto-re-enrollment>
 <certificate-id>
 <name>*name*</name> <!-- identifier -->
 <ca-profile-name>*ca-profile-name*
 </ca-profile-name> <!-- mandatory -->
 <challenge-password>*challenge-password*
 </challenge-password> <!-- mandatory -->
 <re-enroll-trigger-time-percentage>*re-enroll-trigger-time-percentage*
 </re-enroll-trigger-time-percentage> <!-- mandatory -->
 <validity-period>*validity-period*</validity-period>
 <re-generate-keypair/>
 </certificate-id>
 </auto-re-enrollment>
 </pki>
 </security>
 </configuration>

Description Auto re-enrollment configuration for certificate-id.

Contents <ca-profile-name>—Name of certificate authority profile.

<challenge-password>—Password used by CA for enrollment and revocation.

<name>—Certificate identifier that needs auto re-enrollment.

<re-enroll-trigger-time-percentage>—Re-enrollment trigger time before expiration as percentage.

<re-generate-keypair>—Generate new key-pair for auto-re-enrollment.

<validity-period>—Certificate validity period in days from enrollment start date.

<certificates> (configuration/security)

Usage <configuration>
 <security>
 <certificates>
 <local>...</local>
 <path-length>*path-length*</path-length>
 <maximum-certificates>*maximum-certificates*</maximum-certificates>
 <cache-size>*bytes*</cache-size>
 <cache-timeout-negative>*cache-timeout-negative*</cache-timeout-negative>
 <enrollment-retry>*enrollment-retry*</enrollment-retry>
 <certification-authority>...</certification-authority>
 </certificates>
 </security>
 </configuration>

Description X.509 certificate configuration.

Contents <cache-size>—Maximum size of certificate cache.

<cache-timeout-negative>—Time in seconds to cache negative responses.

<certification-authority>—CA X.509 certificate configuration.

<enrollment-retry>—Number of retry attempts for an enrollment request.

<local>—Local X.509 certificate configuration.

<maximum-certificates>—Maximum number of certificates to cache.

<path-length>—Maximum certificate path length.

<certification-authority> (configuration/security/certificates)

Usage <configuration>
 <security>
 <certificates>
 <certification-authority>
 <name>*name*</name> <!-- identifier -->
 <ca-name>*ca-name*</ca-name>
 <file>*file*</file>
 <crl>*crl*</crl>
 <enrollment-url>*enrollment-url*</enrollment-url>
 <ldap-url>*ldap-url*</ldap-url>
 <encoding>*encoding-choice*</encoding>
 </certification-authority>
 </certificates>
 </security>
 </configuration>

Description CA X.509 certificate configuration.

Contents <ca-name>—CA name.

<crl>—File to read crl from.

<encoding>—Encoding to use for certificate or CRL on disk.

- binary—DER encoding.
- pem—Privacy-enhanced-mail encoding, base64.

<enrollment-url>—URL.

<file>—File to read certificate from.

<ldap-url>—URL.

<name>—CA profile name.

<cfeb> (configuration/chassis/redundancy)

Usage <configuration>
 <chassis>
 <redundancy>
 <cfeb>
 <name>*name*</name> <!-- identifier -->
 <always/>
 <preferred/>
 </cfeb>
 </redundancy>
 </chassis>
 </configuration>

Description Redundancy options for Compact Forwarding Engine Boards.

Contents <always>—Sole device.

 <name>—CFEB slot number.

 <preferred>—Preferred device.

<cflowd> (configuration/forwarding-options/accounting/output)

```
Usage
<configuration>
  <forwarding-options>
    <accounting>
      <output>
        <cflood>
          <name>name</name>    <!-- identifier -->
          <port>port</port>    <!-- mandatory -->
          <version>version-choice</version>
          <autonomous-system-type>autonomous-system-type-choice
            </autonomous-system-type>
          <aggregation>...</aggregation>
        </cflood>
      </output>
    </accounting>
  </forwarding-options>
</configuration>
```

Description Cflowd collector where flow records are sent.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

<autonomous-system-type>—Type of autonomous system number to export.

- **origin**—Export origin-AS numbers.
- **peer**—Export peer-AS numbers.

<name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<version>—Format of exported cflowd aggregates.

- 5—Export cflowd aggregates in version 5 format.
- 8—Export cflowd aggregates in version 8 format.

<cflowd> (configuration/forwarding-options/monitoring/family/inet/output)

Usage <configuration>
 <forwarding-options>
 <monitoring>
 <family>
 <inet>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 </cflowd>
 </output>
 </inet>
 </family>
 </monitoring>
 </forwarding-options>
</configuration>

Description Collector destination where flow records are sent.

Contents <name>—Name of host collecting cflowd packets.

 <port>—UDP port number on host collecting cflowd packets.

<cflowd> (configuration/forwarding-options/sampling/output)

Usage <configuration>
 <forwarding-options>
 <sampling>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 <source-address>*source-address*</source-address>
 <version>*version-choice*</version>
 <version9>...</version9>
 <local-dump/>
 <autonomous-system-type>*autonomous-system-type-choice*
 </autonomous-system-type>
 <aggregation>...</aggregation>
 </cflowd>
 </output>
 </sampling>
 </forwarding-options>
 </configuration>

Description Configure sending traffic aggregates in cflowd format.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

<autonomous-system-type>—Type of autonomous system number to export.

■ origin—Export origin-AS numbers.

■ peer—Export peer-AS numbers.

<local-dump>—Dump cflowd records to log file before exporting.

<name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<source-address>—Source IPv4 address for cflowd packets.

<version>—Format of exported cflowd aggregates.

■ 5—Export cflowd aggregates in version 5 format.

■ 8—Export cflowd aggregates in version 8 format.

<version9>—Export data in version 9 format.

<cflowd> (configuration/logical-systems/routing-instances/instance/forwarding-options/accounting/output)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <accounting>
            <output>
              <cflowd>
                <name>name</name>    <!-- identifier -->
                <port>port</port>    <!-- mandatory -->
                <version>version-choice</version>
                <autonomous-system-type>autonomous-system-type-choice
                  </autonomous-system-type>
                <aggregation>...</aggregation>
              </cflowd>
            </output>
          </accounting>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Cflowd collector where flow records are sent.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

<autonomous-system-type>—Type of autonomous system number to export.

- **origin**—Export origin-AS numbers.

- **peer**—Export peer-AS numbers.

<name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<version>—Format of exported cflowd aggregates.

- **5**—Export cflowd aggregates in version 5 format.

- **8**—Export cflowd aggregates in version 8 format.

<cflowd> (configuration/logical-systems/routing-instances/instance/forwarding-options/monitoring/family/inet/output)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <monitoring>
 <family>
 <inet>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 </cflowd>
 </output>
 </inet>
 </family>
 </monitoring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Collector destination where flow records are sent.

Contents <name>—Name of host collecting cflowd packets.

 <port>—UDP port number on host collecting cflowd packets.

<cflowd> (configuration/logical-systems/routing-instances/instance/forwarding-options/sampling/output)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <sampling>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 <source-address>*source-address*</source-address>
 <version>*version-choice*</version>
 <version9>...</version9>
 <local-dump/>
 <autonomous-system-type>*autonomous-system-type-choice*
 </autonomous-system-type>
 <aggregation>...</aggregation>
 </cflowd>
 </output>
 </sampling>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Configure sending traffic aggregates in cflowd format.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

<autonomous-system-type>—Type of autonomous system number to export.

- **origin**—Export origin-AS numbers.

- **peer**—Export peer-AS numbers.

<local-dump>—Dump cflowd records to log file before exporting.

<name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<source-address>—Source IPv4 address for cflowd packets.

<version>—Format of exported cflowd aggregates.

- **5**—Export cflowd aggregates in version 5 format.

- **8**—Export cflowd aggregates in version 8 format.

<version9>—Export data in version 9 format.

<cflowd> (configuration/routing-instances/instance/forwarding-options/accounting/output)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <accounting>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 <version>*version-choice*</version>
 <autonomous-system-type>*autonomous-system-type-choice*
 </autonomous-system-type>
 <aggregation>...</aggregation>
 </cflowd>
 </output>
 </accounting>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Cflowd collector where flow records are sent.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

 <autonomous-system-type>—Type of autonomous system number to export.

 ■ origin—Export origin-AS numbers.

 ■ peer—Export peer-AS numbers.

 <name>—Name of host collecting cflowd packets.

 <port>—UDP port number on host collecting cflowd packets.

 <version>—Format of exported cflowd aggregates.

 ■ 5—Export cflowd aggregates in version 5 format.

 ■ 8—Export cflowd aggregates in version 8 format.

<cflowd> (configuration/routing-instances/instance/forwarding-options/monitoring/family/inet/output)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <monitoring>
          <family>
            <inet>
              <output>
                <cflowd>
                  <name>name</name>    <!-- identifier -->
                  <port>port</port>    <!-- mandatory -->
                </cflowd>
              </output>
            </inet>
          </family>
        </monitoring>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Collector destination where flow records are sent.

Contents <name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<cflowd> (configuration/routing-instances/instance/forwarding-options/sampling/output)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <sampling>
 <output>
 <cflowd>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port> <!-- mandatory -->
 <source-address>*source-address*</source-address>
 <version>*version-choice*</version>
 <version9>...</version9>
 <local-dump/>
 <autonomous-system-type>*autonomous-system-type-choice*
 </autonomous-system-type>
 <aggregation>...</aggregation>
 </cflowd>
 </output>
 </sampling>
 </forwarding-options>
 </instance>
 </routing-instances>
</configuration>

Description Configure sending traffic aggregates in cflowd format.

Contents <aggregation>—Aggregations to perform for exported flows (version 8 only).

<autonomous-system-type>—Type of autonomous system number to export.

- **origin**—Export origin-AS numbers.

- **peer**—Export peer-AS numbers.

<local-dump>—Dump cflowd records to log file before exporting.

<name>—Name of host collecting cflowd packets.

<port>—UDP port number on host collecting cflowd packets.

<source-address>—Source IPv4 address for cflowd packets.

<version>—Format of exported cflowd aggregates.

- **5**—Export cflowd aggregates in version 5 format.

- **8**—Export cflowd aggregates in version 8 format.

<version9>—Export data in version 9 format.

<cfm> (configuration/system/processes)

Usage <configuration>
 <system>
 <processes>
 <cfm>
 <disable/>
 </cfm>
 </processes>
 </system>
</configuration>

Description Ethernet OAM connectivity fault management process.

Contents <disable>—Disable CFM process.

<chain> (configuration/security/idp/custom-attack/attack-type)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
<chain>
 <protocol-binding>...</protocol-binding>
 <scope>scope-choice</scope>
 <order/>
 <reset/>
 <expression>expression</expression>
 <member>...</member> <!-- mandatory -->
</chain>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Chain attack.

Contents <expression>—Boolean Expression.

<member>—List of member attacks.

<order>—Attacks should match in the order in which they are defined.

<protocol-binding>—Protocol binding over which attack will be detected.

<reset>—Repeat match should generate a new alert.

<scope>—Scope of the attack.

- session—Allow matches across transactions within the same session.
- transaction—Allow matches in single transactions within the same session.

<channel> (configuration/class-of-service/virtual-channel-groups)

Usage	<pre> <configuration> <class-of-service> <virtual-channel-groups> <channel> <name>name</name> <!-- identifier --> <scheduler-map>scheduler-map</scheduler-map> <!-- mandatory --> <shaping-rate>...</shaping-rate> <default/> </channel> </virtual-channel-groups> </class-of-service> </configuration> </pre>
Description	Configure virtual channel for this group.
Contents	<p><default>—Default virtual channel.</p> <p><name>—Virtual channel group name.</p> <p><scheduler-map>—Scheduler map applied to this virtual channel.</p> <p><shaping-rate>—Shaping rate for the trigger.</p>

<channel> (configuration/dynamic-profiles/class-of-service/virtual-channel-groups)

Usage	<pre> <configuration> <dynamic-profiles> <class-of-service> <virtual-channel-groups> <channel> <name>name</name> <!-- identifier --> <scheduler-map>scheduler-map</scheduler-map> <!-- mandatory --> <shaping-rate>...</shaping-rate> <default/> </channel> </virtual-channel-groups> </class-of-service> </dynamic-profiles> </configuration> </pre>
Description	Configure virtual channel for this group.
Contents	<p><default>—Default virtual channel.</p> <p><name>—Virtual channel group name.</p> <p><scheduler-map>—Scheduler map applied to this virtual channel.</p> <p><shaping-rate>—Shaping rate for the trigger.</p>

<channel-group> (configuration/chassis/fpc/pic/ce1/e1)

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <ce1>
 <e1>
 <channel-group>
 <name>*name*</name> <!-- identifier -->
 <timeslots>*timeslots*</timeslots>
 </channel-group>
 </e1>
 </ce1>
 </pic>
 </fpc>
 </chassis>
 </configuration>

Description Define channel group.

Contents <name>—Channel group number.
 <timeslots>—DS0 timeslots (1..31); for example, 1-3,4,9,22-24 (no spaces).

<channel-group> (configuration/chassis/fpc/pic/ct3/port/t1)

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <ct3>
 <port>
 <t1>
 <channel-group>
 <name>*name*</name> <!-- identifier -->
 <timeslots>*timeslots*</timeslots>
 </channel-group>
 </t1>
 </port>
 </ct3>
 </pic>
 </fpc>
 </chassis>
 </configuration>

Description Define channel group.

Contents <name>—Channel group number.
 <timeslots>—DS0 timeslots (1..24); for example, 1-3,4,9,22-24 (no spaces).

<channel-group> (configuration/chassis/lcc/fpc/pic/ce1/e1)

Usage

```

<configuration>
  <chassis>
    <lcc>
      <fpc>
        <pic>
          <ce1>
            <e1>
              <channel-group>
                <name>name</name>    <!-- identifier -->
                <timeslots>timeslots</timeslots>
              </channel-group>
            </e1>
          </ce1>
        </pic>
      </fpc>
    </lcc>
  </chassis>
</configuration>

```

Description Define channel group.

Contents <name>—Channel group number.

<timeslots>—DS0 timeslots (1..31); for example, 1-3,4,9,22-24 (no spaces).

<channel-group> (configuration/chassis/lcc/fpc/pic/ct3/port/t1)

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <ct3>
 <port>
 <t1>
 <channel-group>
 <name>*name*</name> <!-- identifier -->
 <timeslots>*timeslots*</timeslots>
 </channel-group>
 </t1>
 </port>
 </ct3>
 </pic>
 </fpc>
 </lcc>
 </chassis>
 </configuration>

Description Define channel group.

Contents <name>—Channel group number.

 <timeslots>—DS0 timeslots (1..24); for example, 1-3,4,9,22-24 (no spaces).

<chap> (configuration/dynamic-profiles/interfaces/interface/ppp-options)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <ppp-options>
          <chap>
            <access-profile>access-profile</access-profile>
            <default-chap-secret>default-chap-secret</default-chap-secret>
            <local-name>local-name</local-name>
            <passive/>
          </chap>
        </ppp-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Challenge Handshake Authentication Protocol options.

Contents

- <access-profile>—Profile containing client list and access parameters.
- <default-chap-secret>—Default CHAP secret to be used when no matching access profile exists.
- <local-name>—Name sent in CHAP-Challenge and CHAP-Response.
- <passive>—Handle incoming CHAP requests only.

<chap> (configuration/dynamic-profiles/interfaces/interface/unit/ppp-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <chap>
 <access-profile>*access-profile*</access-profile>
 <default-chap-secret>*default-chap-secret*</default-chap-secret>
 <local-name>*local-name*</local-name>
 <passive/>
 </chap>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Challenge Handshake Authentication Protocol options.

Contents <access-profile>—Profile containing client list and access parameters.

 <default-chap-secret>—Default CHAP secret to be used when no matching access profile exists.

 <local-name>—Name sent in CHAP-Challenge and CHAP-Response.

 <passive>—Handle incoming CHAP requests only.

<chap> (configuration/interfaces/interface/ppp-options)

Usage <configuration>
 <interfaces>
 <interface>
 <ppp-options>
 <chap>
 <access-profile>*access-profile*</access-profile>
 <default-chap-secret>*default-chap-secret*</default-chap-secret>
 <local-name>*local-name*</local-name>
 <passive/>
 </chap>
 </ppp-options>
 </interface>
 </interfaces>
 </configuration>

Description Challenge Handshake Authentication Protocol options.

Contents <access-profile>—Profile containing client list and access parameters.

 <default-chap-secret>—Default CHAP secret to be used when no matching access profile exists.

 <local-name>—Name sent in CHAP-Challenge and CHAP-Response.

 <passive>—Handle incoming CHAP requests only.

<chap> (configuration/interfaces/interface/unit/ppp-options)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <chap>
 <access-profile>*access-profile*</access-profile>
 <default-chap-secret>*default-chap-secret*</default-chap-secret>
 <local-name>*local-name*</local-name>
 <passive/>
 </chap>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Challenge Handshake Authentication Protocol options.

Contents <access-profile>—Profile containing client list and access parameters.

 <default-chap-secret>—Default CHAP secret to be used when no matching access profile exists.

 <local-name>—Name sent in CHAP-Challenge and CHAP-Response.

 <passive>—Handle incoming CHAP requests only.

<chap> (configuration/logical-systems/interfaces/interface/unit/ppp-options)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <ppp-options>
            <chap>
              <access-profile>access-profile</access-profile>
              <default-chap-secret>default-chap-secret</default-chap-secret>
              <local-name>local-name</local-name>
              <passive/>
            </chap>
          </ppp-options>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Challenge Handshake Authentication Protocol options.

Contents

- <access-profile>—Profile containing client list and access parameters.
- <default-chap-secret>—Default CHAP secret to be used when no matching access profile exists.
- <local-name>—Name sent in CHAP-Challenge and CHAP-Response.
- <passive>—Handle incoming CHAP requests only.

<characteristics> (configuration/services/ggsn/charging)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <default>default-choice</default>
 <profile8>...</profile8>
 <profile4>...</profile4>
 <profile1>...</profile1>
 <profile2>...</profile2>
 <profile0>...</profile0>
 <profile3>...</profile3>
 <profile5>...</profile5>
 <profile6>...</profile6>
 <profile7>...</profile7>
 <profile9>...</profile9>
 <profile10>...</profile10>
 <profile11>...</profile11>
 <profile12>...</profile12>
 <profile13>...</profile13>
 <profile14>...</profile14>
 <profile15>...</profile15>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Account-type charging characteristics.

Contents <default>—Profile applied to context if context contains no charging characteristic.

- profile0—Profile 0.
- profile1—Profile 1.
- profile10—Profile 10.
- profile11—Profile 11.
- profile12—Profile 12.
- profile13—Profile 13.
- profile14—Profile 14.
- profile15—Profile 15.
- profile2—Profile 2.
- profile3—Profile 3.
- profile4—Profile 4.

- profile5—Profile 5.
 - profile6—Profile 6.
 - profile7—Profile 7.
 - profile8—Profile 8.
 - profile9—Profile 9.
- <profile0>—Profile 0 clients.
- <profile1>—Profile 1 clients.
- <profile10>—Profile 10 clients.
- <profile11>—Profile 11 clients.
- <profile12>—Profile 12 clients.
- <profile13>—Profile 13 clients.
- <profile14>—Profile 14 clients.
- <profile15>—Profile 15 clients.
- <profile2>—Profile 2 clients.
- <profile3>—Profile 3 clients.
- <profile4>—Profile 4 clients.
- <profile5>—Profile 5 clients.
- <profile6>—Profile 6 clients.
- <profile7>—Profile 7 clients.
- <profile8>—Profile 8 clients.
- <profile9>—Profile 9 clients.

<charging> (configuration/services/ggsn)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <cdr-attribute>...</cdr-attribute>
 <gtp-prime>...</gtp-prime>
 <charging-format>*charging-format-choice*</charging-format>
 <charging-log>...</charging-log>
 <characteristics>...</characteristics>
 <tariff-activation>...</tariff-activation>
 <imsi-based-characteristics>...</imsi-based-characteristics>
 <no-empty-cdr/>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description GGSN charging and CDR configuration.

Contents <cdr-attribute>—Attributes in charging data records.

<characteristics>—Account-type charging characteristics.

<charging-format>—Format of charging records.

- 4—Version 4.
- 5—Version 5.
- 6—Version 6.
- 97—Version 97.
- 98—Version 98.
- 99—Version 99.

<charging-log>—Charging records logged to node.

<gtp-prime>—GTP Prime configuration.

<imsi-based-characteristics>—Select charging characteristic based on IMSI.

<no-empty-cdr>—Do not close CDR at time limit if volume is zero.

<tariff-activation>—Local times when new tariffs apply.

<charging> (configuration/services/ggsn/apn)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <charging>
 <select-gn-apn/>
 <allow-cc-from-radius/>
 <imsi-based-characteristics>...</imsi-based-characteristics>
 </charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description APN-specific charging configuration.

Contents <allow-cc-from-radius>—Enable charging characteristics from RADIUS.

 <imsi-based-characteristics>—Charging characteristic based on IMSI.

 <select-gn-apn>—Include Gn APN in CDR.

<charging-log> (configuration/services/ggsn/charging)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <charging-log>
 <user>*user*</user>
 <world-readable/>
 <maximum-size>*kilobytes*</maximum-size>
 <maximum-age>*minutes*</maximum-age>
 <compression/>
 <no-mirror/>
 <local-log>...</local-log>
 <gtp-prime-log>...</gtp-prime-log>
 <traceoptions>...</traceoptions>
 </charging-log>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Charging records logged to node.

Contents <compression>—Compress all CDR log files.

<gtp-prime-log>—GTP Prime CDRs logged to disk on failure in reaching charging gateways.

<local-log>—CDRs meant for normal offline transfer.

<maximum-age>—Maximum age of charging log file.

<maximum-size>—Maximum size of charging log file.

<no-mirror>—Disable mirroring of charging log files on backup Routing Engine.

<traceoptions>—Charging-log trace options.

<user>—User to own charging files.

<world-readable>—Allow any user to read the log file.

<charging-profile> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile0>...</profile0>
                <profile1>...</profile1>
                <profile2>...</profile2>
                <profile3>...</profile3>
                <profile4>...</profile4>
                <profile5>...</profile5>
                <profile6>...</profile6>
                <profile7>...</profile7>
                <profile8>...</profile8>
                <profile9>...</profile9>
                <profile10>...</profile10>
                <profile11>...</profile11>
                <profile12>...</profile12>
                <profile13>...</profile13>
                <profile14>...</profile14>
                <profile15>...</profile15>
                <no-supervision/>
                <measurement-type>measurement-type-choice</measurement-type>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Timeout settings based on charging profile.

Contents <measurement-type>—Point of reference for time measurement.

- since-creation—Relative to the PDP context creation time.
- since-update—Relative to the last PDP context update time.

<no-supervision>—Don't allow session supervision based on charging profile.

<profile0>—Profile 0.

<profile1>—Profile 1.

<profile10>—Profile 10.

<profile11>—Profile 11.

<profile12>—Profile 12.

<profile13>—Profile 13.

<profile14>—Profile 14.

<profile15>—Profile 15.

<profile2>—Profile 2.

<profile3>—Profile 3.

<profile4>—Profile 4.

<profile5>—Profile 5.

<profile6>—Profile 6.

<profile7>—Profile 7.

<profile8>—Profile 8.

<profile9>—Profile 9.

<charging-profile> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <session-timeout>
              <charging-profile>
                <profile0>...</profile0>
                <profile1>...</profile1>
                <profile2>...</profile2>
                <profile3>...</profile3>
                <profile4>...</profile4>
                <profile5>...</profile5>
                <profile6>...</profile6>
                <profile7>...</profile7>
                <profile8>...</profile8>
                <profile9>...</profile9>
                <profile10>...</profile10>
                <profile11>...</profile11>
                <profile12>...</profile12>
                <profile13>...</profile13>
                <profile14>...</profile14>
                <profile15>...</profile15>
                <no-supervision/>
                <measurement-type>measurement-type-choice</measurement-type>
              </charging-profile>
            </session-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Timeout settings based on charging profile.

Contents <measurement-type>—Point of reference for time measurement.

- since-creation—Relative to the PDP context creation time.
- since-update—Relative to the last PDP context update time.

<no-supervision>—Don't allow session supervision based on charging profile.

<profile0>—Profile 0.

<profile1>—Profile 1.

<profile10>—Profile 10.

<profile11>—Profile 11.

<profile12>—Profile 12.

<profile13>—Profile 13.

<profile14>—Profile 14.

<profile15>—Profile 15.

<profile2>—Profile 2.

<profile3>—Profile 3.

<profile4>—Profile 4.

<profile5>—Profile 5.

<profile6>—Profile 6.

<profile7>—Profile 7.

<profile8>—Profile 8.

<profile9>—Profile 9.

<charging-profile> (configuration/services/ggsn/pdp-context/session-control/idle-timeout)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <idle-timeout>
            <charging-profile>
              <profile0>...</profile0>
              <profile1>...</profile1>
              <profile2>...</profile2>
              <profile3>...</profile3>
              <profile4>...</profile4>
              <profile5>...</profile5>
              <profile6>...</profile6>
              <profile7>...</profile7>
              <profile8>...</profile8>
              <profile9>...</profile9>
              <profile10>...</profile10>
              <profile11>...</profile11>
              <profile12>...</profile12>
              <profile13>...</profile13>
              <profile14>...</profile14>
              <profile15>...</profile15>
              <measurement-type>measurement-type-choice</measurement-type>
            </charging-profile>
          </idle-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Timeout settings based on charging profile.

Contents <measurement-type>—Point of reference for time measurement.

- since-creation—Relative to the PDP context creation time.
- since-update—Relative to the last PDP context update time.

<profile0>—Profile 0.

<profile1>—Profile 1.

<profile10>—Profile 10.

<profile11>—Profile 11.

<profile12>—Profile 12.

<profile13>—Profile 13.

<profile14>—Profile 14.

<profile15>—Profile 15.

<profile2>—Profile 2.

<profile3>—Profile 3.

<profile4>—Profile 4.

<profile5>—Profile 5.

<profile6>—Profile 6.

<profile7>—Profile 7.

<profile8>—Profile 8.

<profile9>—Profile 9.

<charging-profile> (configuration/services/ggsn/pdp-context/session-control/session-timeout)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile0>...</profile0>
              <profile1>...</profile1>
              <profile2>...</profile2>
              <profile3>...</profile3>
              <profile4>...</profile4>
              <profile5>...</profile5>
              <profile6>...</profile6>
              <profile7>...</profile7>
              <profile8>...</profile8>
              <profile9>...</profile9>
              <profile10>...</profile10>
              <profile11>...</profile11>
              <profile12>...</profile12>
              <profile13>...</profile13>
              <profile14>...</profile14>
              <profile15>...</profile15>
              <measurement-type>measurement-type-choice</measurement-type>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Timeout settings based on charging profile.

Contents <measurement-type>—Point of reference for time measurement.

- since-creation—Relative to the PDP context creation time.
- since-update—Relative to the last PDP context update time.

<profile0>—Profile 0.

<profile1>—Profile 1.

<profile10>—Profile 10.

<profile11>—Profile 11.

<profile12>—Profile 12.

<profile13>—Profile 13.

<profile14>—Profile 14.

<profile15>—Profile 15.

<profile2>—Profile 2.

<profile3>—Profile 3.

<profile4>—Profile 4.

<profile5>—Profile 5.

<profile6>—Profile 6.

<profile7>—Profile 7.

<profile8>—Profile 8.

<profile9>—Profile 9.

<charging-unit> (configuration/services/ggsn/apn/service-based-charging)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <charging-unit>
 <profile>...</profile>
 </charging-unit>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Charging unit.

Contents <profile>—Charging unit profile.

<chassis> (configuration)

Usage <configuration>
 <chassis>
 <craft-lockout/>
 <config-button>...</config-button>
 <packet-scheduling/>
 <vrf-mtu-check/>
 <redundancy>...</redundancy>
 <routing-engine>...</routing-engine>
 <aggregated-devices>...</aggregated-devices>
 <container-devices>...</container-devices>
 <fpc>...</fpc>
 <disable-power-management/>
 <fpc-feb-connectivity>...</fpc-feb-connectivity>
 <ioc-npc-connectivity>...</ioc-npc-connectivity>
 <pem>...</pem>
 <sib>...</sib>
 <sfm>...</sfm>
 <alarm>...</alarm>
 <network-services>*network-services-choice*</network-services>
 <lcc>...</lcc>
 <fabric>...</fabric>
 <synchronization>...</synchronization>
 <lcd>...</lcd>
 <system-domains>...</system-domains>
 </chassis>
 </configuration>

Description Chassis configuration.

Contents <aggregated-devices>—Aggregated devices configuration.

<alarm>—Global alarm settings.

<config-button>—Config button behavior settings.

<container-devices>—Container devices configuration.

<craft-lockout>—Disable craft interface input.

<disable-power-management>—Disable Power Management in this chassis.

<fabric>—Switch fabric settings.

<fpc>—Flexible PIC Concentrator parameters.

<fpc-feb-connectivity>—Connectivity between Flexible PIC Concentrators and Forwarding Engine Boards.

<ioc-npc-connectivity>—Connectivity between IOC and NPC.

<lcc>—Line-card chassis configuration.

<lcd>—Chassis LCD.

<network-services>—Chassis network services configuration.

- ethernet—Ethernet network services.

- ip—IP network services.

<packet-scheduling>—Enable DX2.0 packet scheduling.

<pem>—Power supply (PEM) parameters.

<redundancy>—Redundancy settings.

<routing-engine>—Routing Engine settings.

<sfm>—Switching and Forwarding Module parameters.

<sib>—Switch Interface Board parameters.

<synchronization>—Clock synchronization options.

<system-domains>—Root and protected system domain configuration.

<vrf-mtu-check>—Enable Internet Processor II-based MTU check.

<chassis-control> (configuration/system/processes)

Usage

```
<configuration>
  <system>
    <processes>
      <chassis-control>
        <disable/>
        <failover>failover-choice</failover>
      </chassis-control>
    </processes>
  </system>
</configuration>
```

Description Chassis control process.

Contents

- <disable>—Disable chassis control process.
- <failover>—How to handle failure of chassis control process.
- alternate-media—On failing, reboot off alternate media.

<ircuit-id> (configuration/access/address-assignment/pool/family/inet/dhcp-attributes/option-match/option-82)

Usage

```

<configuration>
  <access>
    <address-assignment>
      <pool>
        <family>
          <inet>
            <dhcp-attributes>
              <option-match>
                <option-82>
                  <ircuit-id>
                    <name>name</name>    <!-- identifier -->
                    <range>range</range>  <!-- mandatory -->
                  </ircuit-id>
                </option-82>
              </option-match>
            </dhcp-attributes>
          </inet>
        </family>
      </pool>
    </address-assignment>
  </access>
</configuration>

```

Description Circuit ID portion of the option 82.

Contents <name>—No documentation is available yet.

<range>—Range name.

<circuit-id> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/group/relay-option-82)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/forwarding-options/dhcp-relay/group/relay-option-82)

Usage	<pre> <configuration> <forwarding-options> <dhcp-relay> <group> <relay-option-82> <circuit-id> <prefix>...</prefix> </circuit-id> </relay-option-82> </group> </dhcp-relay> </forwarding-options> </configuration> </pre>
Description	Add circuit identifier.
Contents	<prefix>—Add prefix to option-82.

<circuit-id> (configuration/forwarding-options/dhcp-relay/relay-option-82)

Usage	<pre> <configuration> <forwarding-options> <dhcp-relay> <relay-option-82> <circuit-id> <prefix>...</prefix> </circuit-id> </relay-option-82> </dhcp-relay> </forwarding-options> </configuration> </pre>
Description	Add circuit identifier.
Contents	<prefix>—Add prefix to option-82.

<circuit-id> (configuration/forwarding-options/helpers/bootp/dhcp-option82)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <dhcp-option82>
 <circuit-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-vlan-id/>
 </circuit-id>
 </dhcp-option82>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<circuit-id> (configuration/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <dhcp-option82>
 <circuit-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-vlan-id/>
 </circuit-id>
 </dhcp-option82>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<circuit-id> (configuration/logical-systems/access/address-assignment/pool/family/inet/dhcp-attributes/option-match/option-82)

Usage

```

<configuration>
  <logical-systems>
    <access>
      <address-assignment>
        <pool>
          <family>
            <inet>
              <dhcp-attributes>
                <option-match>
                  <option-82>
                    <circuit-id>
                      <name>name</name>    <!-- identifier -->
                      <range>range</range>  <!-- mandatory -->
                    </circuit-id>
                  </option-82>
                </option-match>
              </dhcp-attributes>
            </inet>
          </family>
        </pool>
      </address-assignment>
    </access>
  </logical-systems>
</configuration>

```

Description Circuit ID portion of the option 82.

Contents <name>—No documentation is available yet.

<range>—Range name.

<circuit-id> (configuration/logical-systems/forwarding-options/dhcp-relay/group/relay-option-82)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/routing-instances/instance/access/address-assignment/pool/family/inet/dhcp-attributes/option-match/option-82)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>
 <circuit-id>
 <name>*name*</name> <!-- identifier -->
 <range>*range*</range> <!-- mandatory -->
 </circuit-id>
 </option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Circuit ID portion of the option 82.

Contents <name>—No documentation is available yet.

 <range>—Range name.

<circuit-id> (configuration/logical-systems/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/group/relay-option-82)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <forwarding-options>
              <dhcp-relay>
                <group>
                  <relay-option-82>
                    <circuit-id>
                      <prefix>...</prefix>
                    </circuit-id>
                  </relay-option-82>
                </group>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/group/relay-option-82)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/dhcp-option82)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <dhcp-option82>
 <circuit-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-vlan-id/>
 </circuit-id>
 </dhcp-option82>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<circuit-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <interface>
                <dhcp-option82>
                  <circuit-id>
                    <prefix>prefix-choice</prefix>
                    <use-interface-description/>
                    <use-vlan-id/>
                  </circuit-id>
                </dhcp-option82>
              </interface>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<circuit-id> (configuration/routing-instances/instance/access/address-assignment/pool/family/inet/dhcp-attributes/option-match/option-82)

Usage <configuration>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>
 <circuit-id>
 <name>*name*</name> <!-- identifier -->
 <range>*range*</range> <!-- mandatory -->
 </circuit-id>
 </option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </configuration>

Description Circuit ID portion of the option 82.

Contents <name>—No documentation is available yet.

 <range>—Range name.

<ircuit-id> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/group/relay-option-82)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <group>
                <relay-option-82>
                  <ircuit-id>
                    <prefix>...</prefix>
                  </ircuit-id>
                </relay-option-82>
              </group>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>

```

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/routing-instances/instance/forwarding-options/dhcp-relay/group/relay-option-82)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>
 <prefix>...</prefix>
 </circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<ircuit-id> (configuration/routing-instances/instance/forwarding-options/dhcp-relay/relay-option-82)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <ircuit-id>
 <prefix>...</prefix>
 </ircuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Add circuit identifier.

Contents <prefix>—Add prefix to option-82.

<circuit-id> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/dhcp-option82)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <dhcp-option82>
 <circuit-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-vlan-id/>
 </circuit-id>
 </dhcp-option82>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<circuit-id> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <interface>
              <dhcp-option82>
                <circuit-id>
                  <prefix>prefix-choice</prefix>
                  <use-interface-description/>
                  <use-vlan-id/>
                </circuit-id>
              </dhcp-option82>
            </interface>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Configure DHCP option 82 circuit id.

Contents <prefix>—Configure DHCP option 82 circuit id prefix.

■ hostname—Set hostname as the prefix.

<use-interface-description>—Use interface description instead of name.

<use-vlan-id>—Use VLAN id instead of name.

<cisco-interopability> (configuration/dynamic-profiles/ interfaces/interface/mlfr-uni-nni-bundle-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <mlfr-uni-nni-bundle-options>
 <cisco-interopability>
 <send-lip-remove-link-for-link-reject/>
 </cisco-interopability>
 </mlfr-uni-nni-bundle-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description FRF.16 Cisco interoperability settings.

Contents <send-lip-remove-link-for-link-reject>—Send Link Integrity Protocol remove link on receiving add-link rejection.

<cisco-interopability> (configuration/interfaces/interface/ mlfr-uni-nni-bundle-options)

Usage <configuration>
 <interfaces>
 <interface>
 <mlfr-uni-nni-bundle-options>
 <cisco-interopability>
 <send-lip-remove-link-for-link-reject/>
 </cisco-interopability>
 </mlfr-uni-nni-bundle-options>
 </interface>
 </interfaces>
 </configuration>

Description FRF.16 Cisco interoperability settings.

Contents <send-lip-remove-link-for-link-reject>—Send Link Integrity Protocol remove link on receiving add-link rejection.

<class> (configuration/access/profile/radius/attributes/exclude)

Usage <configuration>
 <access>
 <profile>
 <radius>
 <attributes>
 <exclude>
 <class>
 <name>name</name> <!-- identifier -->
 </class>
 </exclude>
 </attributes>
 </radius>
 </profile>
 </access>
</configuration>

Description Excludes RADIUS attribute 25, Class.

Contents <name>—Excludes RADIUS attribute 25, Class.

- accounting-start—RADIUS Accounting-Start message.
- accounting-stop—RADIUS Accounting-Stop message.

<class> (configuration/class-of-service/forwarding-classes)

Usage <configuration>
 <class-of-service>
 <forwarding-classes>
 <class>
 <name>name</name> <!-- identifier -->
 <queue-num>queue-num</queue-num> <!-- mandatory -->
 <priority>priority-choice</priority>
 </class>
 </forwarding-classes>
 </class-of-service>
</configuration>

Description Forwarding class to map to queue number.

Contents <name>—Name of forwarding class.

<priority>—Fabric priority.

- high—High fabric priority.
- low—Low fabric priority.

<queue-num>—Queue number.

<class> (configuration/class-of-service/forwarding-policy)

Usage	<pre> <configuration> <class-of-service> <forwarding-policy> <class> <name>name</name> <!-- identifier --> <classification-override>...</classification-override> </class> </forwarding-policy> </class-of-service> </configuration> </pre>
Description	Class-of-service description.
Contents	<p><classification-override>—Define classification overrides.</p> <p><name>—Name to identify class of service.</p>

<class> (configuration/dynamic-profiles/class-of-service/forwarding-classes)

Usage	<pre> <configuration> <dynamic-profiles> <class-of-service> <forwarding-classes> <class> <name>name</name> <!-- identifier --> <queue-num>queue-num</queue-num> <!-- mandatory --> <priority>priority-choice</priority> </class> </forwarding-classes> </class-of-service> </dynamic-profiles> </configuration> </pre>
Description	Forwarding class to map to queue number.
Contents	<p><name>—Name of forwarding class.</p> <p><priority>—Fabric priority.</p> <ul style="list-style-type: none"> ■ high—High fabric priority. ■ low—Low fabric priority. <p><queue-num>—Queue number.</p>

<class> (configuration/dynamic-profiles/class-of-service/forwarding-policy)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <forwarding-policy>
 <class>
 <name>name</name> <!-- identifier -->
 <classification-override>...</classification-override>
 </class>
 </forwarding-policy>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Class-of-service description.

Contents <classification-override>—Define classification overrides.

 <name>—Name to identify class of service.

<class> (configuration/logical-systems/protocols/mpls/ auto-policing)

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <auto-policing>
 <class>
 <name>name</name> <!-- identifier -->
 <drop/>
 <loss-priority-high/>
 <loss-priority-low/>
 </class>
 </auto-policing>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Forwarding class.

Contents <drop>—Drop packets if bandwidth is exceeded.

<loss-priority-high>—Set loss priority to high if bandwidth is exceeded.

<loss-priority-low>—Set loss priority to low if bandwidth is exceeded.

<name>—No documentation is available yet.

- all—All forwarding classes.
- ct0—Forwarding class 0.
- ct1—Forwarding class 1.
- ct2—Forwarding class 2.
- ct3—Forwarding class 3.

<class> (configuration/protocols/mpls/auto-policing)

Usage <configuration>
 <protocols>
 <mpls>
 <auto-policing>
 <class>
 <name>name</name> <!-- identifier -->
 <drop/>
 <loss-priority-high/>
 <loss-priority-low/>
 </class>
 </auto-policing>
 </mpls>
 </protocols>
 </configuration>

Description Forwarding class.

Contents <drop>—Drop packets if bandwidth is exceeded.

<loss-priority-high>—Set loss priority to high if bandwidth is exceeded.

<loss-priority-low>—Set loss priority to low if bandwidth is exceeded.

<name>—No documentation is available yet.

- all—All forwarding classes.
- ct0—Forwarding class 0.
- ct1—Forwarding class 1.
- ct2—Forwarding class 2.
- ct3—Forwarding class 3.

<class> (configuration/system/login)

Usage <configuration>
 <system>
 <login>
 <class>
 <name>*name*</name> <!-- identifier -->
 <idle-timeout>*minutes*</idle-timeout>
 <logical-system>*logical-system*</logical-system>
 <login-alarms/>
 <login-tip/>
 <permissions>...</permissions>
 <allow-commands>*allow-commands*</allow-commands>
 <deny-commands>*deny-commands*</deny-commands>
 <allow-configuration>*allow-configuration*</allow-configuration>
 <deny-configuration>*deny-configuration*</deny-configuration>
 </class>
 </login>
 </system>
 </configuration>

Description Login class.

Contents <allow-commands>—Regular expression for commands to allow explicitly.
 <allow-configuration>—Regular expression for configure to allow explicitly.
 <deny-commands>—Regular expression for commands to deny explicitly.
 <deny-configuration>—Regular expression for configure to deny explicitly.
 <idle-timeout>—Maximum idle time before logout.
 <logical-system>—Logical system associated with login.
 <login-alarms>—Display system alarms when logging in.
 <login-tip>—Display tip when logging in.
 <name>—Login class name.
 <permissions>—Set of permitted operation categories.

<class-of-service> (configuration)

Usage <configuration>
 <class-of-service>
 <forwarding-policy>...</forwarding-policy>
 <classifiers>...</classifiers>
 <loss-priority-maps>...</loss-priority-maps>
 <code-point-aliases>...</code-point-aliases>
 <translation-table>...</translation-table>
 <host-outbound-traffic>...</host-outbound-traffic>
 <drop-profiles>...</drop-profiles>
 <adaptive-shapers>...</adaptive-shapers>
 <virtual-channels>...</virtual-channels>
 <virtual-channel-groups>...</virtual-channel-groups>
 <tri-color/>
 <forwarding-classes>...</forwarding-classes>
 <restricted-queues>...</restricted-queues>
 <traffic-control-profiles>...</traffic-control-profiles>
 <interfaces>...</interfaces>
 <routing-instances>...</routing-instances>
 <rewrite-rules>...</rewrite-rules>
 <fabric>...</fabric>
 <scheduler-maps>...</scheduler-maps>
 <fragmentation-maps>...</fragmentation-maps>
 <schedulers>...</schedulers>
 <traceoptions>...</traceoptions>
 </class-of-service>
 </configuration>

Description Class-of-service configuration.

Contents <adaptive-shapers>—Define the list of trigger types and associated rates.

<classifiers>—Classify incoming packets based on code point value.

<code-point-aliases>—Mapping of code point aliases to bit strings.

<drop-profiles>—Random Early Drop (RED) data point map.

<fabric>—Define CoS parameters of switch fabric.

<forwarding-classes>—One or more mappings of forwarding class to queue number.

<forwarding-policy>—Class-of-service forwarding policy.

<fragmentation-maps>—Mapping of forwarding class to fragmentation options.

<host-outbound-traffic>—Classify and mark host traffic to forwarding engine.

<interfaces>—Apply class-of-service options to interfaces.

<loss-priority-maps>—Map loss priority of incoming packets based on code point value.

<restricted-queues>—Map forwarding classes to restricted queues.

<rewrite-rules>—Write code point value of outgoing packets.

<routing-instances>—Apply CoS options to routing instances with VRF table label.

<scheduler-maps>—Mapping of forwarding classes to packet schedulers.

<schedulers>—Packet schedulers.

<traceoptions>—Trace options for class-of-service process.

<traffic-control-profiles>—Traffic shaping and scheduling profiles.

<translation-table>—Translation table.

<tri-color>—Enable tricolor marking.

<virtual-channel-groups>—Define list of virtual channel groups.

<virtual-channels>—Define the list of virtual channels.

<class-of-service> (configuration/dynamic-profiles)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <forwarding-policy>...</forwarding-policy>
 <classifiers>...</classifiers>
 <loss-priority-maps>...</loss-priority-maps>
 <code-point-aliases>...</code-point-aliases>
 <translation-table>...</translation-table>
 <host-outbound-traffic>...</host-outbound-traffic>
 <drop-profiles>...</drop-profiles>
 <adaptive-shapers>...</adaptive-shapers>
 <virtual-channels>...</virtual-channels>
 <virtual-channel-groups>...</virtual-channel-groups>
 <tri-color/>
 <forwarding-classes>...</forwarding-classes>
 <restricted-queues>...</restricted-queues>
 <traffic-control-profiles>...</traffic-control-profiles>
 <interfaces>...</interfaces>
 <routing-instances>...</routing-instances>
 <rewrite-rules>...</rewrite-rules>
 <fabric>...</fabric>
 <scheduler-maps>...</scheduler-maps>
 <fragmentation-maps>...</fragmentation-maps>
 <schedulers>...</schedulers>
 <traceoptions>...</traceoptions>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Class-of-service configuration.

Contents <adaptive-shapers>—Define the list of trigger types and associated rates.

<classifiers>—Classify incoming packets based on code point value.

<code-point-aliases>—Mapping of code point aliases to bit strings.

<drop-profiles>—Random Early Drop (RED) data point map.

<fabric>—Define CoS parameters of switch fabric.

<forwarding-classes>—One or more mappings of forwarding class to queue number.

<forwarding-policy>—Class-of-service forwarding policy.

<fragmentation-maps>—Mapping of forwarding class to fragmentation options.

<host-outbound-traffic>—Classify and mark host traffic to forwarding engine.

<interfaces>—Apply class-of-service options to interfaces.

<loss-priority-maps>—Map loss priority of incoming packets based on code point value.

<restricted-queues>—Map forwarding classes to restricted queues.

<rewrite-rules>—Write code point value of outgoing packets.

<routing-instances>—Apply CoS options to routing instances with VRF table label.

<scheduler-maps>—Mapping of forwarding classes to packet schedulers.

<schedulers>—Packet schedulers.

<traceoptions>—Trace options for class-of-service process.

<traffic-control-profiles>—Traffic shaping and scheduling profiles.

<translation-table>—Translation table.

<tri-color>—Enable tricolor marking.

<virtual-channel-groups>—Define list of virtual channel groups.

<virtual-channels>—Define the list of virtual channels.

<class-usage-profile> (configuration/accounting-options)

Usage <configuration>
 <accounting-options>
 <class-usage-profile>
 <name>*name*</name> <!-- identifier -->
 <file>*file*</file>
 <interval>*minutes*</interval>
 <destination-classes>...</destination-classes>
 <source-classes>...</source-classes>
 </class-usage-profile>
 </accounting-options>
 </configuration>

Description Class usage profile for accounting data.

Contents <destination-classes>—Name of destination class.

<file>—Name of file for accounting data.

<interval>—Polling interval.

<name>—Name of profile.

<source-classes>—Name of source class.

<classification-override> (configuration/class-of-service/forwarding-policy/class)

Usage <configuration>
 <class-of-service>
 <forwarding-policy>
 <class>
 <classification-override>
 <forwarding-class>*forwarding-class*</forwarding-class>
 </classification-override>
 </class>
 </forwarding-policy>
 </class-of-service>
 </configuration>

Description Define classification overrides.

Contents <forwarding-class>—Forwarding class name.

<classification-override> (configuration/dynamic-profiles/class-of-service/forwarding-policy/class)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <forwarding-policy>
 <class>
 <classification-override>
 <forwarding-class>*forwarding-class*</forwarding-class>
 </classification-override>
 </class>
 </forwarding-policy>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Define classification overrides.

Contents <forwarding-class>—Forwarding class name.

<classifier> (configuration/dynamic-profiles/interfaces/ interface/gigether-options/ethernet-switch-profile/ ethernet-policer-profile/output-priority-map)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <ethernet-switch-profile>
 <ethernet-policer-profile>
 <output-priority-map>
 <classifier>
 <premium>...</premium>
 </classifier>
 </output-priority-map>
 </ethernet-policer-profile>
 </ethernet-switch-profile>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Use classifier as policer priority map.

Contents <premium>—Output traffic classifier to which premium policer is applied.

<classifier> (configuration/interfaces/interface/ gigether-options/ethernet-switch-profile/ ethernet-policer-profile/output-priority-map)

Usage <configuration>
 <interfaces>
 <interface>
 <gigether-options>
 <ethernet-switch-profile>
 <ethernet-policer-profile>
 <output-priority-map>
 <classifier>
 <premium>...</premium>
 </classifier>
 </output-priority-map>
 </ethernet-policer-profile>
 </ethernet-switch-profile>
 </gigether-options>
 </interface>
 </interfaces>
 </configuration>

Description Use classifier as policer priority map.

Contents <premium>—Output traffic classifier to which premium policer is applied.

<classifiers> (configuration/class-of-service)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <ieee-802.1ad>...</ieee-802.1ad>
 </classifiers>
 </class-of-service>
 </configuration>

Description Classify incoming packets based on code point value.

Contents <dscp>—Differentiated Services code point classifier.
 <dscp-ipv6>—Differentiated Services code point classifier IPv6.
 <exp>—MPLS EXP classifier.
 <ieee-802.1>—IEEE-802.1 classifier.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) classifier.
 <inet-precedence>—IPv4 precedence classifier.

<classifiers> (configuration/class-of-service/interfaces/ interface/unit)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <classifiers>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <ieee-802.1ad>...</ieee-802.1ad>
 </classifiers>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Classifiers applied to incoming packets.

Contents <dscp>—Differentiated Services code point classifier.
 <dscp-ipv6>—Differentiated Services code point classifier IPv6.
 <exp>—EXP classifier.
 <ieee-802.1>—IEEE-802.1 classifier.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) classifier.
 <inet-precedence>—IPv4 precedence classifier.

<classifiers> (configuration/class-of-service/routing-instances)

Usage	<pre> <configuration> <class-of-service> <routing-instances> <classifiers> <exp>...</exp> <ieee-802.1>...</ieee-802.1> </classifiers> </routing-instances> </class-of-service> </configuration> </pre>
Description	Classifiers applied to incoming packets.
Contents	<p><exp>—EXP classifier.</p> <p><ieee-802.1>—IEEE-802.1 classifier.</p>

<classifiers> (configuration/dynamic-profiles/class-of-service)

Usage	<pre> <configuration> <dynamic-profiles> <class-of-service> <classifiers> <dscp>...</dscp> <dscp-ipv6>...</dscp-ipv6> <exp>...</exp> <ieee-802.1>...</ieee-802.1> <inet-precedence>...</inet-precedence> <ieee-802.1ad>...</ieee-802.1ad> </classifiers> </class-of-service> </dynamic-profiles> </configuration> </pre>
Description	Classify incoming packets based on code point value.
Contents	<p><dscp>—Differentiated Services code point classifier.</p> <p><dscp-ipv6>—Differentiated Services code point classifier IPv6.</p> <p><exp>—MPLS EXP classifier.</p> <p><ieee-802.1>—IEEE-802.1 classifier.</p> <p><ieee-802.1ad>—IEEE-802.1ad (DEI) classifier.</p> <p><inet-precedence>—IPv4 precedence classifier.</p>

<classifiers> (configuration/dynamic-profiles/class-of-service/interfaces/interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <classifiers>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <ieee-802.1ad>...</ieee-802.1ad>
 </classifiers>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Classifiers applied to incoming packets.

Contents <dscp>—Differentiated Services code point classifier.
 <dscp-ipv6>—Differentiated Services code point classifier IPv6.
 <exp>—EXP classifier.
 <ieee-802.1>—IEEE-802.1 classifier.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) classifier.
 <inet-precedence>—IPv4 precedence classifier.

<classifiers> (configuration/dynamic-profiles/class-of-service/ routing-instances)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <routing-instances>
 <classifiers>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 </classifiers>
 </routing-instances>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Classifiers applied to incoming packets.

Contents <exp>—EXP classifier.
 <ieee-802.1>—IEEE-802.1 classifier.

<client> (configuration/access/profile)

Usage <configuration>
 <access>
 <profile>
 <client>
 <name>*name*</name> <!-- identifier -->
 <chap-secret>*chap-secret*</chap-secret>
 <pap-password>*pap-password*</pap-password>
 <ppp>...</ppp>
 <l2tp>...</l2tp>
 <ike>...</ike>
 <group-profile>*group-profile*</group-profile>
 <user-group-profile>*user-group-profile*</user-group-profile>
 <client-group>...</client-group>
 <firewall-user>...</firewall-user>
 </client>
 </profile>
 </access>
 </configuration>

Description Entity requesting access.

Contents <chap-secret>—CHAP secret.

<client-group>—One or more groups to which the client belongs.

<firewall-user>—Client is configured as a firewall user.

<group-profile>—Group profile name.

<ike>—Configuration for dynamic IKE peers.

<l2tp>—Configuration for Layer 2 Tunneling Protocol.

<name>—Name of entity requesting access.

<pap-password>—PAP password.

<ppp>—Configuration for Point-to-Point Protocol.

<user-group-profile>—User group profile name.

<client> (configuration/logical-systems/protocols/igmp-host)

Usage <configuration>
 <logical-systems>
 <protocols>
 <igmp-host>
 <client>
 <name>name</name> <!-- identifier -->
 <interface>...</interface>
 </client>
 </igmp-host>
 </protocols>
 </logical-systems>
 </configuration>

Description IGMP Host client.

Contents <interface>—Interface options for IGMP.
 <name>—Client number.

<client> (configuration/logical-systems/protocols/mld-host)

Usage <configuration>
 <logical-systems>
 <protocols>
 <mld-host>
 <client>
 <name>name</name> <!-- identifier -->
 <interface>...</interface>
 </client>
 </mld-host>
 </protocols>
 </logical-systems>
 </configuration>

Description MLD Host client.

Contents <interface>—Interface options for MLD.
 <name>—Client number.

<client> (configuration/protocols/igmp-host)

Usage	<pre> <configuration> <protocols> <igmp-host> <client> <name>name</name> <!-- identifier --> <interface>...</interface> </client> </igmp-host> </protocols> </configuration> </pre>
Description	IGMP Host client.
Contents	<p><interface>—Interface options for IGMP.</p> <p><name>—Client number.</p>

<client> (configuration/protocols/mld-host)

Usage	<pre> <configuration> <protocols> <mld-host> <client> <name>name</name> <!-- identifier --> <interface>...</interface> </client> </mld-host> </protocols> </configuration> </pre>
Description	MLD Host client.
Contents	<p><interface>—Interface options for MLD.</p> <p><name>—Client number.</p>

<client> (configuration/system/services/outbound-ssh)

Usage

```

<configuration>
  <system>
    <services>
      <outbound-ssh>
        <client>
          <name>name</name>    <!-- identifier -->
          <device-id>device-id</device-id>    <!-- mandatory -->
          <secret>secret</secret>
          <keep-alive>...</keep-alive>
          <reconnect-strategy>reconnect-strategy-choice</reconnect-strategy>
          <services>services-choice</services>
          <servers>...</servers>
        </client>
      </outbound-ssh>
    </services>
  </system>
</configuration>

```

Description Define a device initiated SSH connection.

Contents <device-id>—Unique ID used by client to identify this device.

<keep-alive>—No documentation is available yet.

<name>—Client application identifier.

<reconnect-strategy>—Strategy used to reconnect to a server.

- in-order—Attempt to reconnect to the first server configured.

- sticky—Attempt to reconnect to the server last connected to.

<secret>—Shared secret between client and this device.

<servers>—Client application servers.

<services>—The subsystem(s) that can be invoked.

- netconf—Enable invoking NETCONF sub-system.

<client-address-list> (configuration/snmp/client-list)

Usage `<configuration>`
 `<snmp>`
 `<client-list>`
 <client-address-list>
 `<name>name</name>` `<!-- identifier -->`
 `<restrict/>`
 </client-address-list>
 `</client-list>`
 `</snmp>`
`</configuration>`

Description Client address list.

Contents `<name>`—Address or prefix.
 `<restrict>`—Deny access.

<client-group> (configuration/access/profile/client)

Usage `<configuration>`
 `<access>`
 `<profile>`
 `<client>`
 <client-group>
 `<name>name</name>` `<!-- identifier -->`
 </client-group>
 `</client>`
 `</profile>`
 `</access>`
`</configuration>`

Description One or more groups to which the client belongs.

Contents `<name>`—One or more groups to which the client belongs.

<client-group> (configuration/access/profile/session-options)

Usage <configuration>
 <access>
 <profile>
 <session-options>
 <client-group>
 <name>name</name> <!-- identifier -->
 </client-group>
 </session-options>
 </profile>
 </access>
 </configuration>

Description One or more groups to which client belongs.

Contents <name>—One or more groups to which client belongs.

<client-identifier> (configuration/system/services/dhcp/static-binding)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <client-identifier>
 <ascii>ascii</ascii>
 <hexadecimal>hexadecimal</hexadecimal>
 </client-identifier>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Client identifier option.

Contents <ascii>—Client identifier as an ASCII string.

<hexadecimal>—Client identifier as a hexadecimal string.

<client-list> (configuration/services/rpm/twamp/server)

Usage <configuration>
 <services>
 <rpm>
 <twamp>
 <server>
 <client-list>
 <name>*name*</name> <!-- identifier -->
 <authentication-mode>*authentication-mode-choice*
 </authentication-mode>
 <address>...</address>
 </client-list>
 </server>
 </twamp>
 </rpm>
 </services>
 </configuration>

Description List of allowed clients.

Contents <address>—IP prefix of client.

<authentication-mode>—Authentication modes.

- authenticate-only—Authentication.
- encryption—Authentication and encryption.
- none—No authentication or encryption.

<name>—Name of client list.

<client-list> (configuration/snmp)

Usage <configuration>
 <snmp>
 <client-list>
 <name>*name*</name> <!-- identifier -->
 <client-address-list>...</client-address-list>
 </client-list>
 </snmp>
 </configuration>

Description Client list.

Contents <client-address-list>—Client address list.

<name>—The name for the client list.

<client-name-filter> (configuration/access/profile)

Usage	<pre><configuration> <access> <profile> <client-name-filter> <domain-name>domain-name</domain-name> <separator>separator</separator> <count>count</count> </client-name-filter> </profile> </access> </configuration></pre>
Description	Restrictions on client names.
Contents	<p><count>—Number of separator instances.</p> <p><domain-name>—Domain name to match (must be part of username).</p> <p><separator>—Separator character in domain name.</p>

<clients> (configuration/snmp/community)

Usage	<pre><configuration> <snmp> <community> <clients> <name>name</name> <!-- identifier --> <restrict/> </clients> </community> </snmp> </configuration></pre>
Description	List of source address prefix ranges to accept.
Contents	<p><name>—Address or prefix.</p> <p><restrict>—Deny access.</p>

<clients> (configuration/snmp/community/logical-system/routing-instance)

Usage <configuration>
 <snmp>
 <community>
 <logical-system>
 <routing-instance>
 <clients>
 <name>*name*</name> <!-- identifier -->
 <restrict/>
 </clients>
 </routing-instance>
 </logical-system>
 </community>
 </snmp>
 </configuration>

Description List of source address prefix ranges to accept.

Contents <name>—Address or prefix.
 <restrict>—Deny access.

<clients> (configuration/snmp/community/routing-instance)

Usage <configuration>
 <snmp>
 <community>
 <routing-instance>
 <clients>
 <name>*name*</name> <!-- identifier -->
 <restrict/>
 </clients>
 </routing-instance>
 </community>
 </snmp>
 </configuration>

Description List of source address prefix ranges to accept.

Contents <name>—Address or prefix.
 <restrict>—Deny access.

<clocking> (configuration/dynamic-profiles/interfaces/interface)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <clocking> <internal/> <external>external</external> </clocking> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Interface clock source.
Contents	<p><external>—Clocking provided by DCE (loop timing).</p> <p><internal>—Clocking provided by local system.</p>

<clocking> (configuration/interfaces/interface)

Usage	<pre> <configuration> <interfaces> <interface> <clocking> <internal/> <external>external</external> </clocking> </interface> </interfaces> </configuration> </pre>
Description	Interface clock source.
Contents	<p><external>—Clocking provided by DCE (loop timing).</p> <p><internal>—Clocking provided by local system.</p>

<code> (configuration/security/idp/custom-attack/attack-type/chain/member/attack-type/signature/protocol/icmp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <chain>
 <member>
 <attack-type>
 <signature>
 <protocol>
 <icmp>
<code>
 <match>*match-choice*</match> <!-- mandatory -->
 <value>*value*</value> <!-- mandatory -->
</code>
 </icmp>
 </protocol>
 </signature>
 </attack-type>
 </member>
 </chain>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Code.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
- greater-than—Match when value in packet is greater.
- less-than—Match when value in packet is less.
- not-equal—Match when value in packet is not exact match.

<value>—Match value.

<code> (configuration/security/idp/custom-attack/attack-type/signature/protocol/icmp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <signature>
 <protocol>
 <icmp>
 <code>
 <match>match-choice</match> <!-- mandatory -->
 <value>value</value> <!-- mandatory -->
 </code>
 </icmp>
 </protocol>
 </signature>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Code.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
- greater-than—Match when value in packet is greater.
- less-than—Match when value in packet is less.
- not-equal—Match when value in packet is not exact match.

<value>—Match value.

<code-point-aliases> (configuration/class-of-service)

Usage <configuration>
 <class-of-service>
 <code-point-aliases>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <ieee-802.1ad>...</ieee-802.1ad>
 </code-point-aliases>
 </class-of-service>
 </configuration>

Description Mapping of code point aliases to bit strings.

Contents <dscp>—Differentiated Services code point aliases.
 <dscp-ipv6>—Differentiated Services code point aliases IPv6.
 <exp>—MPLS EXP code point aliases.
 <ieee-802.1>—IEEE-802.1 code point aliases.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) code point aliases.
 <inet-precedence>—IPv4 precedence code point aliases.

<code-point-aliases> (configuration/dynamic-profiles/class-of-service)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <code-point-aliases>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <ieee-802.1ad>...</ieee-802.1ad>
 </code-point-aliases>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Mapping of code point aliases to bit strings.

Contents <dscp>—Differentiated Services code point aliases.
 <dscp-ipv6>—Differentiated Services code point aliases IPv6.
 <exp>—MPLS EXP code point aliases.
 <ieee-802.1>—IEEE-802.1 code point aliases.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) code point aliases.
 <inet-precedence>—IPv4 precedence code point aliases.

<code-points> (configuration/class-of-service/classifiers/dscp/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <dscp>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </dscp>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/classifiers/dscp-ipv6/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <dscp-ipv6>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </dscp-ipv6>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/classifiers/exp/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <exp>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>name</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </exp>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/classifiers/ieee-802.1ad/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <ieee-802.1ad>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>name</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </ieee-802.1ad>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/classifiers/ieee-802.1/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <ieee-802.1>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </ieee-802.1>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/classifiers/inet-precedence/forwarding-class/loss-priority)

Usage <configuration>
 <class-of-service>
 <classifiers>
 <inet-precedence>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </inet-precedence>
 </classifiers>
 </class-of-service>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/class-of-service/loss-priority-maps/frame-relay-de/loss-priority)

Usage <configuration>
 <class-of-service>
 <loss-priority-maps>
 <frame-relay-de>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </frame-relay-de>
 </loss-priority-maps>
 </class-of-service>
 </configuration>

Description List of bit strings.

Contents <name>—List of bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/dscp/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <dscp>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </dscp>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/dscp-ipv6/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <dscp-ipv6>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </dscp-ipv6>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/exp/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <exp>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </exp>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/ieee-802.1ad/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <ieee-802.1ad>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </ieee-802.1ad>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
</configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/ieee-802.1/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <ieee-802.1>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </ieee-802.1>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
</configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/classifiers/inet-precedence/forwarding-class/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <classifiers>
 <inet-precedence>
 <forwarding-class>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </forwarding-class>
 </inet-precedence>
 </classifiers>
 </class-of-service>
 </dynamic-profiles>
</configuration>

Description List of code point aliases and/or bit strings.

Contents <name>—List of code point aliases and/or bit strings.

<code-points> (configuration/dynamic-profiles/class-of-service/loss-priority-maps/frame-relay-de/loss-priority)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <loss-priority-maps>
 <frame-relay-de>
 <loss-priority>
 <code-points>
 <name>*name*</name> <!-- identifier -->
 </code-points>
 </loss-priority>
 </frame-relay-de>
 </loss-priority-maps>
 </class-of-service>
 </dynamic-profiles>
</configuration>

Description List of bit strings.

Contents <name>—List of bit strings.

<color> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </prefix-list-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <route-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </route-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <source-address-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </source-address-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/term/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <then>
 <color>
 <color>color</color>
 <add>add</add>
 <subtract>subtract</subtract>
 </color>
 </then>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/logical-systems/policy-options/ policy-statement/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <then>
 <color>
 <color>color</color>
 <add>add</add>
 <subtract>subtract</subtract>
 </color>
 </then>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/aggregate/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/generate/defaults)**

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <generate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </generate> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-instances/instance/routing-options/generate/route)

Usage	<pre> configuration logical-systems routing-instances instance routing-options generate route <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </generate> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/aggregate/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/logical-systems/routing-instances/ instance/routing-options/rib/aggregate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/generate/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
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 </defaults>
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 </rib>
 </routing-options>
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 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/logical-systems/routing-instances/ instance/routing-options/rib/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
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 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/static/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/logical-systems/routing-instances/ instance/routing-options/rib/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/static/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/logical-systems/routing-instances/instance/routing-options/static/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <defaults> <color> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color> </defaults> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/logical-systems/routing-instances/
instance/routing-options/static/iso-route)**

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-instances/instance/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <generate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </generate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/generate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <generate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </generate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/aggregate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <aggregate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </aggregate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <generate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </generate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/generate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <generate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </generate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/static/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/rib/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/static/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <static> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </static> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/static/iso-route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/logical-systems/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/policy-options/policy-statement/from/prefix-list-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <prefix-list-filter> <color> <color>color</color> <add>add</add> <subtract>subtract</subtract> </color> </prefix-list-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><add>—Add constant to attribute.</p> <p><color>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color> (configuration/policy-options/policy-statement/from/route-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <route-filter> <color> <color>color</color> <add>add</add> <subtract>subtract</subtract> </color> </route-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><add>—Add constant to attribute.</p> <p><color>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color> (configuration/policy-options/policy-statement/from/source-address-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <source-address-filter> <color> <color>color</color> <add>add</add> <subtract>subtract</subtract> </color> </source-address-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><add>—Add constant to attribute.</p> <p><color>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <color>
 <color>color</color>
 <add>add</add>
 <subtract>subtract</subtract>
 </color>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/policy-options/policy-statement/term/ from/route-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <color>
 <color>*color*</color>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<color> (configuration/policy-options/policy-statement/term/
from/source-address-filter)**

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <color>
 <color>color</color>
 <add>add</add>
 <subtract>subtract</subtract>
 </color>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value.

Contents <add>—Add constant to attribute.

 <color>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color> (configuration/policy-options/policy-statement/term/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <term> <then> <color> <color>color</color> <add>add</add> <subtract>subtract</subtract> </color> </then> </term> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><add>—Add constant to attribute.</p> <p><color>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color> (configuration/policy-options/policy-statement/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <then> <color> <color>color</color> <add>add</add> <subtract>subtract</subtract> </color> </then> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><add>—Add constant to attribute.</p> <p><color>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color> (configuration/routing-instances/instance/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/generate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/routing-instances/instance/
routing-options/rib/aggregate/defaults)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/routing-instances/instance/ routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/routing-instances/instance/
routing-options/rib/generate/defaults)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/routing-instances/instance/ routing-options/rib/generate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <generate> <route> <color> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color> </route> </generate> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<color> (configuration/routing-instances/instance/
routing-options/rib/static/defaults)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color> (configuration/routing-instances/instance/ routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <static> <iso-route> <color> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color> </iso-route> </static> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/rib/static/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/static/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-instances/instance/routing-options/static/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-options> <aggregate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </aggregate> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-options> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-options> <generate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </generate> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/generate/route)

Usage	<pre> <configuration> <routing-options> <generate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </generate> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/rib/aggregate/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <aggregate> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </aggregate> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <routing-options> <rib> <aggregate> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </aggregate> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/rib/generate/defaults)

Usage <configuration>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color> (configuration/routing-options/rib/generate/route)

Usage <configuration>
 <routing-options>
 <rib>
 <generate>
 <route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </route>
 </generate>
 </rib>
 </routing-options>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color> (configuration/routing-options/rib/static/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <static> <defaults> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </defaults> </static> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <routing-options> <rib> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/rib/static/route)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <route>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color> (configuration/routing-options/static/defaults)

Usage <configuration>
 <routing-options>
 <static>
 <defaults>
 <color>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color>
 </defaults>
 </static>
 </routing-options>
 </configuration>

Description Color (preference) value.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color> (configuration/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-options> <static> <iso-route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </iso-route> </static> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color> (configuration/routing-options/static/route)

Usage	<pre> <configuration> <routing-options> <static> <route> <color> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color> </route> </static> </routing-options> </configuration> </pre>
Description	Color (preference) value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </prefix-list-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <route-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </route-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <source-address-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </source-address-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<color2> (configuration/logical-systems/policy-options/
policy-statement/term/from/prefix-list-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/term/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <then>
 <color2>
 <color2>*color2*</color2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </color2>
 </then>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/policy-options/ policy-statement/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <then>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </then>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color2> (configuration/logical-systems/routing-instances/
instance/routing-options/aggregate/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/generate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/aggregate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/aggregate/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/ instance/routing-options/rib/generate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.
 <type>—Metric type.

**<color2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/generate/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.
 <type>—Metric type.

**<color2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/static/iso-route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/ instance/routing-options/rib/static/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/static/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <iso-route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </iso-route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/logical-systems/routing-instances/instance/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <generate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </generate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/generate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <generate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </generate> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/aggregate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <aggregate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </aggregate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <aggregate> <route> <color2> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color2> </route> </aggregate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <generate> <defaults> <color2> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color2> </defaults> </generate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/generate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <generate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </generate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/static/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <iso-route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </iso-route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/rib/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/static/defaults)

Usage	<pre><configuration> <logical-systems> <routing-options> <static> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </static> </routing-options> </logical-systems> </configuration></pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/static/iso-route)

Usage	<pre><configuration> <logical-systems> <routing-options> <static> <iso-route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </iso-route> </static> </routing-options> </logical-systems> </configuration></pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/logical-systems/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </routing-options> </logical-systems> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/policy-options/policy-statement/from/prefix-list-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <prefix-list-filter> <color2> <color2>color2</color2> <add>add</add> <subtract>subtract</subtract> </color2> </prefix-list-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><color2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color2> (configuration/policy-options/policy-statement/from/route-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <route-filter> <color2> <color2>color2</color2> <add>add</add> <subtract>subtract</subtract> </color2> </route-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><color2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color2> (configuration/policy-options/policy-statement/from/source-address-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <source-address-filter> <color2> <color2>color2</color2> <add>add</add> <subtract>subtract</subtract> </color2> </source-address-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><color2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color2> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/policy-options/policy-statement/term/ from/route-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/policy-options/policy-statement/term/ from/source-address-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <color2>
 <color2>color2</color2>
 <add>add</add>
 <subtract>subtract</subtract>
 </color2>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Color (preference) value 2.

Contents <add>—Add constant to attribute.

 <color2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<color2> (configuration/policy-options/policy-statement/term/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <term> <then> <color2> <color2>color2</color2> <add>add</add> <subtract>subtract</subtract> </color2> </then> </term> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><color2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color2> (configuration/policy-options/policy-statement/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <then> <color2> <color2>color2</color2> <add>add</add> <subtract>subtract</subtract> </color2> </then> </policy-statement> </policy-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><color2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<color2> (configuration/routing-instances/instance/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/generate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/ routing-options/rib/aggregate/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color2> (configuration/routing-instances/instance/
routing-options/rib/aggregate/route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/routing-instances/instance/ routing-options/rib/generate/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color2> (configuration/routing-instances/instance/
routing-options/rib/generate/route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/routing-instances/instance/ routing-options/rib/static/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<color2> (configuration/routing-instances/instance/
routing-options/rib/static/iso-route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<color2> (configuration/routing-instances/instance/routing-options/rib/static/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <static> <route> <color2> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color2> </route> </static> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/static/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <defaults> <color2> <metric-value><i>metric-value</i></metric-value> <!-- mandatory --> <type><i>type</i></type> </color2> </defaults> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <iso-route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </iso-route> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-instances/instance/routing-options/static/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-options> <aggregate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </aggregate> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-options> <aggregate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </aggregate> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-options> <generate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </generate> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/generate/route)

Usage	<pre> <configuration> <routing-options> <generate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </generate> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/rib/aggregate/defaults)

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color2> (configuration/routing-options/rib/aggregate/route)

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <color2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </color2>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description Color (preference) value 2.

Contents <metric-value>—Metric value.
 <type>—Metric type.

<color2> (configuration/routing-options/rib/generate/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <generate> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </generate> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/rib/generate/route)

Usage	<pre> <configuration> <routing-options> <rib> <generate> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </generate> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/rib/static/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <static> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </static> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <routing-options> <rib> <static> <iso-route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </iso-route> </static> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/rib/ static/route)

Usage	<pre> <configuration> <routing-options> <rib> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </rib> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/static/defaults)

Usage	<pre> <configuration> <routing-options> <static> <defaults> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </defaults> </static> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-options> <static> <iso-route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </iso-route> </static> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<color2> (configuration/routing-options/static/route)

Usage	<pre> <configuration> <routing-options> <static> <route> <color2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </color2> </route> </static> </routing-options> </configuration> </pre>
Description	Color (preference) value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<commands> (configuration/event-options/policy/then/execute-commands)

Usage <configuration>
 <event-options>
 <policy>
 <then>
 <execute-commands>
 <commands>
 <name>*name*</name> <!-- identifier -->
 </commands>
 </execute-commands>
 </then>
 </policy>
 </event-options>
 </configuration>

Description List of CLI commands to issue.

Contents <name>—CLI command to issue.

<commit> (configuration/system)

Usage <configuration>
 <system>
 <commit>
 <synchronize/>
 </commit>
 </system>
 </configuration>

Description Configuration commit management.

Contents <synchronize>—Synchronize commit on both Routing Engines by default.

<commit> (configuration/system/scripts)

- Usage** `<configuration>`
 `<system>`
 `<scripts>`
 <commit>
 `<allow-transients/>`
 `<traceoptions>...</traceoptions>`
 `<refresh/>`
 `<refresh-from>refresh-from</refresh-from>`
 `<direct-access/>`
 `<file>...</file>`
 </commit>
 `</scripts>`
 `</system>`
`</configuration>`
- Description** Commit-time scripting mechanism.
- Contents** `<allow-transients>`—Allow loading of transient configuration changes.
- `<direct-access>`—Access the configuration directly from database.
- `<file>`—Commit script file.
- `<refresh>`—Refresh all commit scripts from their source.
- `<refresh-from>`—Refresh all commit scripts from a given base URL.
- `<traceoptions>`—Trace options for commit scripts.

<community> (configuration/logical-systems/policy-options)

- Usage** `<configuration>`
 `<logical-systems>`
 `<policy-options>`
 <community>
 `<name>name</name>` `<!-- identifier -->`
 `<invert-match/>`
 `<members>...</members>` `<!-- mandatory -->`
 </community>
 `</policy-options>`
 `</logical-systems>`
`</configuration>`
- Description** BGP community information.
- Contents** `<invert-match>`—Invert the result of the community expression matching.
- `<members>`—Community members.
- `<name>`—Name to identify BGP community.

<community> (configuration/logical-systems/policy-options/policy-statement/from)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </prefix-list-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/policy-statement/from/route-filter)

Usage

```

<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <community>
              <equal-literal/>    <!-- identifier -->
              <set/>             <!-- identifier -->
              <plus-literal/>    <!-- identifier -->
              <add/>             <!-- identifier -->
              <minus-literal/>   <!-- identifier -->
              <delete/>         <!-- identifier -->
              <community-name>community-name
              </community-name>  <!-- identifier -->
            </community>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/policy-statement/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <source-address-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </source-address-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

**<community> (configuration/logical-systems/policy-options/
policy-statement/term/from)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
</configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/policy-statement/term/from/route-filter)

Usage

```

<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <community>
                <equal-literal/> <!-- identifier -->
                <set/> <!-- identifier -->
                <plus-literal/> <!-- identifier -->
                <add/> <!-- identifier -->
                <minus-literal/> <!-- identifier -->
                <delete/> <!-- identifier -->
                <community-name>community-name
                </community-name> <!-- identifier -->
              </community>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
</logical-systems>
</configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/ policy-statement/term/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <then>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </then>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
</configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/ policy-statement/term/to)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <to>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </to>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/logical-systems/policy-options/policy-statement/then)

Usage

```

<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <community>
            <equal-literal/>  <!-- identifier -->
            <set/>  <!-- identifier -->
            <plus-literal/>  <!-- identifier -->
            <add/>  <!-- identifier -->
            <minus-literal/>  <!-- identifier -->
            <delete/>  <!-- identifier -->
            <community-name>community-name
            </community-name>  <!-- identifier -->
          </community>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/logical-systems/policy-options/policy-statement/to)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <to>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </to>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
</logical-systems>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/route)

Usage `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/generate/defaults)

Usage `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/generate/route)

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<generate>`
 `<route>`
 `<community>`
 `<name>name</name>` `<!-- identifier -->`
 `</community>`
 `</route>`
 `</generate>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/aggregate/defaults)

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<rib>`
 `<aggregate>`
 `<defaults>`
 `<community>`
 `<name>name</name>` `<!-- identifier -->`
 `</community>`
 `</defaults>`
 `</aggregate>`
 `</rib>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/aggregate/route)

Usage `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>`

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/generate/defaults)

Usage `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>`

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/static/defaults)

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<static>`
 `<defaults>`
 `<community>`
 `<name>name</name>` `<!-- identifier -->`
 `</community>`
 `</defaults>`
 `</static>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/static/iso-route)

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<static>`
 `<iso-route>`
 `<community>`
 `<name>name</name>` `<!-- identifier -->`
 `</community>`
 `</iso-route>`
 `</static>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/logical-systems/routing-instances/instance/routing-options/static/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/aggregate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <aggregate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </routing-options>
 </logical-systems>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/aggregate/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <aggregate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/generate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <generate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <generate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/aggregate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/aggregate/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/generate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <generate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </rib>
 </routing-options>
 </logical-systems>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/static/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </logical-systems>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/rib/static/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <static>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/static/defaults)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <iso-route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/logical-systems/routing-options/static/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/policy-options)

Usage <configuration>
 <policy-options>
 <community>
 <name>*name*</name> <!-- identifier -->
 <invert-match/>
 <members>...</members> <!-- mandatory -->
 </community>
 </policy-options>
 </configuration>

Description BGP community information.

Contents <invert-match>—Invert the result of the community expression matching.

 <members>—Community members.

 <name>—Name to identify BGP community.

<community> (configuration/policy-options/policy-statement/from)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </from>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/policy-options/policy-statement/from/prefix-list-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </prefix-list-filter>
 </from>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/from/route-filter)

Usage

```

<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <community>
            <equal-literal/>    <!-- identifier -->
            <set/>              <!-- identifier -->
            <plus-literal/>     <!-- identifier -->
            <add/>              <!-- identifier -->
            <minus-literal/>    <!-- identifier -->
            <delete/>          <!-- identifier -->
            <community-name>community-name
            </community-name>  <!-- identifier -->
          </community>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/from/source-address-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <source-address-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </source-address-filter>
 </from>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

**<community> (configuration/policy-options/policy-statement/term/
from)**

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/term/ from/route-filter)

Usage

```

<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <community>
              <equal-literal/>    <!-- identifier -->
              <set/>             <!-- identifier -->
              <plus-literal/>    <!-- identifier -->
              <add/>             <!-- identifier -->
              <minus-literal/>   <!-- identifier -->
              <delete/>         <!-- identifier -->
              <community-name>community-name
              </community-name>  <!-- identifier -->
            </community>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/term/ from/source-address-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

 <community-name>—Name to identify a BGP community.

 <delete>—Remove BGP communities from the route.

 <equal-literal>—Set the BGP communities in the route.

 <minus-literal>—Remove BGP communities from the route.

 <plus-literal>—Add BGP communities to the route.

 <set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/term/then)

Usage

```

<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <community>
            <equal-literal/> <!-- identifier -->
            <set/> <!-- identifier -->
            <plus-literal/> <!-- identifier -->
            <add/> <!-- identifier -->
            <minus-literal/> <!-- identifier -->
            <delete/> <!-- identifier -->
            <community-name>community-name
            </community-name> <!-- identifier -->
          </community>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>

```

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/term/to)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <to>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </to>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community.

Contents <name>—BGP community.

<community> (configuration/policy-options/policy-statement/then)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <then>
 <community>
 <equal-literal/> <!-- identifier -->
 <set/> <!-- identifier -->
 <plus-literal/> <!-- identifier -->
 <add/> <!-- identifier -->
 <minus-literal/> <!-- identifier -->
 <delete/> <!-- identifier -->
 <community-name>*community-name*
 </community-name> <!-- identifier -->
 </community>
 </then>
 </policy-statement>
 </policy-options>
 </configuration>

Description BGP community properties associated with a route.

Contents <add>—Add BGP communities to the route.

<community-name>—Name to identify a BGP community.

<delete>—Remove BGP communities from the route.

<equal-literal>—Set the BGP communities in the route.

<minus-literal>—Remove BGP communities from the route.

<plus-literal>—Add BGP communities to the route.

<set>—Set the BGP communities in the route.

<community> (configuration/policy-options/policy-statement/to)

Usage `<configuration>`
 `<policy-options>`
 `<policy-statement>`
 `<to>`
 <community>
 `<name>name</name>` <!-- identifier -->
 </community>
 `</to>`
 `</policy-statement>`
 `</policy-options>`
`</configuration>`

Description BGP community.

Contents `<name>`—BGP community.

<community> (configuration/routing-instances/instance/routing-options/aggregate/defaults)

Usage `<configuration>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<aggregate>`
 `<defaults>`
 <community>
 `<name>name</name>` <!-- identifier -->
 </community>
 `</defaults>`
 `</aggregate>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
`</configuration>`

Description BGP community identifier.

Contents `<name>`—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/aggregate/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/generate/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/generate/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/aggregate/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/aggregate/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/generate/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/generate/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/static/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/static/iso-route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/rib/static/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/static/defaults)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/static/iso-route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <iso-route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-instances/instance/routing-options/static/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/aggregate/defaults)

Usage <configuration>
 <routing-options>
 <aggregate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/aggregate/route)

Usage <configuration>
 <routing-options>
 <aggregate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/generate/defaults)

Usage <configuration>
 <routing-options>
 <generate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/generate/route)

Usage <configuration>
 <routing-options>
 <generate>
 <route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/aggregate/defaults)

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/aggregate/route)

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/generate/defaults)

Usage <configuration>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/generate/route)

Usage <configuration>
 <routing-options>
 <rib>
 <generate>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </generate>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/static/defaults)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <defaults>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/static/iso-route)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/rib/static/route)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <route>
 <community>
 <name>*name*</name> <!-- identifier -->
 </community>
 </route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/static/defaults)

Usage <configuration>
 <routing-options>
 <static>
 <defaults>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </defaults>
 </static>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/static/iso-route)

Usage <configuration>
 <routing-options>
 <static>
 <iso-route>
 <community>
 <name>name</name> <!-- identifier -->
 </community>
 </iso-route>
 </static>
 </routing-options>
 </configuration>

Description BGP community identifier.

Contents <name>—BGP community identifier.

<community> (configuration/routing-options/static/route)

Usage	<pre> <configuration> <routing-options> <static> <route> <community> <name>name</name> <!-- identifier --> </community> </route> </static> </routing-options> </configuration> </pre>
Description	BGP community identifier.
Contents	<name>—BGP community identifier.

<community> (configuration/snmp)

Usage	<pre> <configuration> <snmp> <community> <name>name</name> <!-- identifier --> <view>view</view> <authorization>authorization-choice</authorization> <client-list-name>client-list-name</client-list-name> <clients>...</clients> <routing-instance>...</routing-instance> <logical-system>...</logical-system> </community> </snmp> </configuration> </pre>
Description	Configure a community string.
Contents	<p><authorization>—Authorization type.</p> <ul style="list-style-type: none"> ■ read-only—Allow read-only access. ■ read-write—Allow read and write access. <p><client-list-name>—The name of client list or prefix list.</p> <p><clients>—List of source address prefix ranges to accept.</p> <p><logical-system>—Use logical-system name for v1/v2c clients.</p> <p><name>—Community name.</p> <p><routing-instance>—Use routing-instance name for v1/v2c clients.</p> <p><view>—View name.</p>

<compatibility-mode> (configuration/dynamic-profiles/interfaces/interface/e3-options)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <e3-options>
          <compatibility-mode>
            <larscom/>
            <digital-link>...</digital-link>
            <kentrox>...</kentrox>
          </compatibility-mode>
        </e3-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Set CSU compatibility mode.

Contents <digital-link>—Compatible with Digital Link CSU.

<kentrox>—Compatible with Kentrox CSU.

<larscom>—Compatible with Larscom CSU (only non IQ E3 interfaces).

<compatibility-mode> (configuration/dynamic-profiles/interfaces/interface/t3-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <t3-options>
 <compatibility-mode>
 <larscom>...</larscom>
 <verilink>...</verilink>
 <adtran>...</adtran>
 <kentrox>...</kentrox>
 <digital-link>...</digital-link>
 </compatibility-mode>
 </t3-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Set CSU compatibility mode.

Contents <adtran>—Compatible with Adtran CSU (not on 4-port T3 PIC).
 <digital-link>—Compatible with Digital Link CSU.
 <kentrox>—Compatible with Kentrox CSU.
 <larscom>—Compatible with Larscom CSU.
 <verilink>—Compatible with Verilink CSU (not on 4-port T3 PIC).

<compatibility-mode> (configuration/interfaces/interface/e3-options)

Usage <configuration>
 <interfaces>
 <interface>
 <e3-options>
 <compatibility-mode>
 <larscom/>
 <digital-link>...</digital-link>
 <kentrox>...</kentrox>
 </compatibility-mode>
 </e3-options>
 </interface>
 </interfaces>
 </configuration>

Description Set CSU compatibility mode.

Contents <digital-link>—Compatible with Digital Link CSU.

 <kentrox>—Compatible with Kentrox CSU.

 <larscom>—Compatible with Larscom CSU (only non IQ E3 interfaces).

<compatibility-mode> (configuration/interfaces/interface/t3-options)

Usage <configuration>
 <interfaces>
 <interface>
 <t3-options>
 <compatibility-mode>
 <larscom>...</larscom>
 <verilink>...</verilink>
 <adtran>...</adtran>
 <kentrox>...</kentrox>
 <digital-link>...</digital-link>
 </compatibility-mode>
 </t3-options>
 </interface>
 </interfaces>
 </configuration>

Description Set CSU compatibility mode.

Contents <adtran>—Compatible with Adtran CSU (not on 4-port T3 PIC).
 <digital-link>—Compatible with Digital Link CSU.
 <kentrox>—Compatible with Kentrox CSU.
 <larscom>—Compatible with Larscom CSU.
 <verilink>—Compatible with Verilink CSU (not on 4-port T3 PIC).

<compression> (configuration/dynamic-profiles/interfaces/interface/ppp-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <ppp-options>
 <compression>
 <acfc/>
 <pfc/>
 </compression>
 </ppp-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Set compression options.

Contents <acfc>—Negotiate Address/Control field compression.
 <pfc>—Negotiate Protocol field compression.

<compression> (configuration/dynamic-profiles/interfaces/interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <compression>
 <rtp>...</rtp>
 </compression>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Various packet header compressions.

Contents <rtp>—Compress and decompress RTP.

<compression> (configuration/dynamic-profiles/interfaces/interface/unit/ppp-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <compression>
 <acfc/>
 <pfc/>
 </compression>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Set compression options.

Contents <acfc>—Negotiate Address/Control field compression.

 <pfc>—Negotiate Protocol field compression.

<compression> (configuration/interfaces/interface/ppp-options)

Usage <configuration>
 <interfaces>
 <interface>
 <ppp-options>
 <compression>
 <acfc/>
 <pfc/>
 </compression>
 </ppp-options>
 </interface>
 </interfaces>
 </configuration>

Description Set compression options.

Contents <acfc>—Negotiate Address/Control field compression.

 <pfc>—Negotiate Protocol field compression.

<compression> (configuration/interfaces/interface/unit)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <compression> <rtp>...</rtp> </compression> </unit> </interface> </interfaces> </configuration> </pre>
Description	Various packet header compressions.
Contents	<rtp>—Compress and decompress RTP.

<compression> (configuration/interfaces/interface/unit/ppp-options)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <ppp-options> <compression> <acfc/> <pfc/> </compression> </ppp-options> </unit> </interface> </interfaces> </configuration> </pre>
Description	Set compression options.
Contents	<p><acfc>—Negotiate Address/Control field compression.</p> <p><pfc>—Negotiate Protocol field compression.</p>

<compression> (configuration/logical-systems/interfaces/interface/unit)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <compression>
 <rtp>...</rtp>
 </compression>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Various packet header compressions.

Contents <rtp>—Compress and decompress RTP.

<compression> (configuration/logical-systems/interfaces/interface/unit/ppp-options)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <compression>
 <acfc/>
 <pfc/>
 </compression>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Set compression options.

Contents <acfc>—Negotiate Address/Control field compression.

 <pfc>—Negotiate Protocol field compression.

<condition> (configuration/logical-systems/policy-options)

Usage `<configuration>
 <logical-systems>
 <policy-options>
 <condition>
 <name>name</name> <!-- identifier -->
 <route-active-on>route-active-on-choice</route-active-on>
 <if-route-exists>...</if-route-exists>
 </condition>
 </policy-options>
 </logical-systems>
</configuration>`

Description Define a route advertisement condition.

Contents `<if-route-exists>`—Route exists in a specific routing table.

`<name>`—Name to identify Condition.

`<route-active-on>`—Route is active on a specific node.

■ `node0`—Route active on node 0.

■ `node1`—Route active on node 1.

<condition> (configuration/logical-systems/policy-options/policy-statement/from)

Usage `<configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <condition>
 <name>name</name> <!-- identifier -->
 </condition>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
</configuration>`

Description Condition to match on.

Contents `<name>`—Condition to match on.

<condition> (configuration/logical-systems/policy-options/ policy-statement/term/from)

Usage	<pre> <configuration> <logical-systems> <policy-options> <policy-statement> <term> <from> <condition> <name>name</name> <!-- identifier --> </condition> </from> </term> </policy-statement> </policy-options> </logical-systems> </configuration> </pre>
Description	Condition to match on.
Contents	<name>—Condition to match on.

<condition> (configuration/policy-options)

Usage	<pre> <configuration> <policy-options> <condition> <name>name</name> <!-- identifier --> <route-active-on>route-active-on-choice</route-active-on> <if-route-exists>...</if-route-exists> </condition> </policy-options> </configuration> </pre>
Description	Define a route advertisement condition.
Contents	<p><if-route-exists>—Route exists in a specific routing table.</p> <p><name>—Name to identify Condition.</p> <p><route-active-on>—Route is active on a specific node.</p> <ul style="list-style-type: none"> ■ node0—Route active on node 0. ■ node1—Route active on node 1.

<condition> (configuration/policy-options/policy-statement/from)

Usage `<configuration>
 <policy-options>
 <policy-statement>
 <from>
 <condition>
 <name>name</name> <!-- identifier -->
 </condition>
 </from>
 </policy-statement>
 </policy-options>
</configuration>`

Description Condition to match on.

Contents `<name>`—Condition to match on.

<condition> (configuration/policy-options/policy-statement/term/from)

Usage `<configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <condition>
 <name>name</name> <!-- identifier -->
 </condition>
 </from>
 </term>
 </policy-statement>
 </policy-options>
</configuration>`

Description Condition to match on.

Contents `<name>`—Condition to match on.

<confederation> (configuration/logical-systems/routing-instances/instance/routing-options)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <confederation>
 <confederation-as>*confederation-as*
 </confederation-as> <!-- mandatory -->
 <members>...</members>
 </confederation>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Confederation autonomous system number.

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

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

<confederation> (configuration/logical-systems/routing-options)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <confederation>
 <confederation-as>*confederation-as*</confederation-as> <!-- mandatory -->
 <members>...</members>
 </confederation>
 </routing-options>
 </logical-systems>
 </configuration>

Description Confederation autonomous system number.

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

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

<confederation> (configuration/routing-instances/instance/routing-options)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <confederation>
 <confederation-as>*confederation-as*
 </confederation-as> <!-- mandatory -->
 <members>...</members>
 </confederation>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Confederation autonomous system number.

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

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

<confederation> (configuration/routing-options)

Usage <configuration>
 <routing-options>
 <confederation>
 <confederation-as>*confederation-as*</confederation-as> <!-- mandatory -->
 <members>...</members>
 </confederation>
 </routing-options>
 </configuration>

Description Confederation autonomous system number.

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

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

<config-button> (configuration/chassis)

- Usage** <configuration>
 <chassis>
 <config-button>
 <no-rescue/>
 <no-clear/>
 </config-button>
 </chassis>
 </configuration>
- Description** Config button behavior settings.
- Contents** <no-clear>—Don't reset to factory-default configuration.
 <no-rescue>—Don't reset to rescue configuration.

<configuration> (configuration/system/archival)

- Usage** <configuration>
 <system>
 <archival>
 <configuration>
 <transfer-interval>*minutes*</transfer-interval>
 <transfer-on-commit/>
 <archive-sites>...</archive-sites> <!-- mandatory -->
 </configuration>
 </archival>
 </system>
 </configuration>
- Description** Automatic configuration uploads to host(s).
- Contents** <archive-sites>—List of archive destinations.
 <transfer-interval>—Frequency at which file transfer happens.
 <transfer-on-commit>—Transfer after each commit.

<connections> (configuration/logical-systems/protocols)

Usage <configuration>
 <logical-systems>
 <protocols>
 <connections>
 <interface-switch>...</interface-switch>
 <remote-interface-switch>...</remote-interface-switch>
 <lsp-switch>...</lsp-switch>
 <p2mp-transmit-switch>...</p2mp-transmit-switch>
 <p2mp-receive-switch>...</p2mp-receive-switch>
 </connections>
 </protocols>
 </logical-systems>
 </configuration>

Description Circuit cross-connect configuration.

Contents <interface-switch>—Bidirectional switch between interfaces.

<lsp-switch>—Unidirectional switch between two label-switched paths.

<p2mp-receive-switch>—Point-to-multipoint LSP to local interfaces switch.

<p2mp-transmit-switch>—Local interface to point-to-multipoint LSP switch.

<remote-interface-switch>—Bidirectional switch between a local and a remote interface.

<connections> (configuration/protocols)

Usage <configuration>
 <protocols>
 <connections>
 <interface-switch>...</interface-switch>
 <remote-interface-switch>...</remote-interface-switch>
 <lsp-switch>...</lsp-switch>
 <p2mp-transmit-switch>...</p2mp-transmit-switch>
 <p2mp-receive-switch>...</p2mp-receive-switch>
 </connections>
 </protocols>
 </configuration>

Description Circuit cross-connect configuration.

Contents <interface-switch>—Bidirectional switch between interfaces.

 <lsp-switch>—Unidirectional switch between two label-switched paths.

 <p2mp-receive-switch>—Point-to-multipoint LSP to local interfaces switch.

 <p2mp-transmit-switch>—Local interface to point-to-multipoint LSP switch.

 <remote-interface-switch>—Bidirectional switch between a local and a remote interface.

<connectivity-fault-management> (configuration/logical-systems/protocols/oam/ethernet)

Usage <configuration>
 <logical-systems>
 <protocols>
 <oam>
 <ethernet>
 <connectivity-fault-management>
 <traceoptions>...</traceoptions>
 <action-profile>...</action-profile>
 <linktrace>...</linktrace>
 <maintenance-domain>...</maintenance-domain>
 </connectivity-fault-management>
 </ethernet>
 </oam>
 </protocols>
 </logical-systems>
 </configuration>

Description Configurations related to 802.1ag ethernet oam.

Contents <action-profile>—Action profiles to use when one or more remote maintenance association endpoints are down.

<linktrace>—Linktrace protocol global options.

<maintenance-domain>—Maintenance domain configuration.

<traceoptions>—Trace options for connectivity fault management.

<connectivity-fault-management> (configuration/protocols/oam/ethernet)

Usage <configuration>
 <protocols>
 <oam>
 <ethernet>
 <connectivity-fault-management>
 <traceoptions>...</traceoptions>
 <action-profile>...</action-profile>
 <linktrace>...</linktrace>
 <maintenance-domain>...</maintenance-domain>
 </connectivity-fault-management>
 </ethernet>
 </oam>
 </protocols>
 </configuration>

Description Configurations related to 802.1ag ethernet oam.

Contents <action-profile>—Action profiles to use when one or more remote maintenance association endpoints are down.

 <linktrace>—Linktrace protocol global options.

 <maintenance-domain>—Maintenance domain configuration.

 <traceoptions>—Trace options for connectivity fault management.

<console> (configuration/system/ports)

Usage <configuration>
 <system>
 <ports>
 <console>
 <log-out-on-disconnect/>
 <disable/>
 <insecure/>
 <type>type-choice</type>
 </console>
 </ports>
 </system>
 </configuration>

Description Console port.

Contents <disable>—Disable console.

 <insecure>—Disallow superuser access.

 <log-out-on-disconnect>—Log out the console session when cable is unplugged.

 <type>—Terminal type.

- ansi—ANSI-compatible terminal.
- small-xterm—Small (24-line) xterm window.
- vt100—VT100-compatible terminal.
- xterm—Large (65-line) xterm window.

<console> (configuration/system/syslog)

Usage	<pre> <configuration> <system> <syslog> <console> <name>name</name> <!-- identifier --> <any/> <emergency/> <alert/> <critical/> <error/> <warning/> <notice/> <info/> <none/> </console> </syslog> </system> </configuration> </pre>
Description	Console logging.
Contents	<p><alert>—Conditions that should be corrected immediately.</p> <p><any>—All levels.</p> <p><critical>—Critical conditions.</p> <p><emergency>—Panic conditions.</p> <p><error>—Error conditions.</p> <p><info>—Informational messages.</p> <p><name>—Facility type.</p> <ul style="list-style-type: none"> ■ any—All facilities. ■ authorization—Authorization system. ■ change-log—Configuration change log. ■ conflict-log—Configuration conflict log. ■ daemon—Various system processes. ■ dfc—Dynamic flow capture. ■ external—Local external applications. ■ firewall—Firewall filtering system. ■ ftp—FTP process.

- **interactive-commands**—Commands executed by the UI.
 - **kernel**—Kernel.
 - **ntp**—NTP process.
 - **pfe**—Packet Forwarding Engine.
 - **security**—Security related.
 - **user**—User processes.
- <none>**—No messages.
- <notice>**—Conditions that should be handled specially.
- <warning>**—Warning messages.

<contact> (configuration/services/border-signaling-gateway/gateway/sip/new-call-usage-policy/term/from)

Usage

```

<configuration>
  <services>
    <border-signaling-gateway>
      <gateway>
        <sip>
          <new-call-usage-policy>
            <term>
              <from>
                <contact>
                  <name>name</name>    <!-- identifier -->
                </contact>
              </from>
            </term>
          </new-call-usage-policy>
        </sip>
      </gateway>
    </border-signaling-gateway>
  </services>
</configuration>

```

Description Contact field.

Contents <name>—Contact field.

<contact> (configuration/services/border-signaling-gateway/gateway/sip/new-transaction-policy/term/from)

Usage	<pre> <configuration> <services> <border-signaling-gateway> <gateway> <sip> <new-transaction-policy> <term> <from> <contact> <name>name</name> <!-- identifier --> </contact> </from> </term> </new-transaction-policy> </sip> </gateway> </border-signaling-gateway> </services> </configuration> </pre>
Description	Contact field.
Contents	<name>—Contact field.

<container-devices> (configuration/chassis)

Usage	<pre> <configuration> <chassis> <container-devices> <device-count>device-count</device-count> </container-devices> </chassis> </configuration> </pre>
Description	Container devices configuration.
Contents	<device-count>—Number of container devices.

<container-list> (configuration/dynamic-profiles/interfaces/interface/container-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <container-options>
 <container-list>
 <name>*name*</name> <!-- identifier -->
 </container-list>
 </container-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description List of container interfaces this member link is associated to.

Contents <name>—Name of associated container interface.

<container-list> (configuration/interfaces/interface/container-options)

Usage <configuration>
 <interfaces>
 <interface>
 <container-options>
 <container-list>
 <name>*name*</name> <!-- identifier -->
 </container-list>
 </container-options>
 </interface>
 </interfaces>
 </configuration>

Description List of container interfaces this member link is associated to.

Contents <name>—Name of associated container interface.

<container-options> (configuration/dynamic-profiles/interfaces/interface)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <container-options>
 <container-type>...</container-type>
 <member-interface-type>...</member-interface-type>
 <redundancy>...</redundancy>
 <container-list>...</container-list>
 <primary/>
 <standby/>
 <allow-configuration-override/>
 </container-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Container interface specific options.

Contents <allow-configuration-override>—Allow physical configuration of member link to override container configuration.

 <container-list>—List of container interfaces this member link is associated to.

 <container-type>—Protocol type of the container interface.

 <member-interface-type>—Link type of members of container.

 <primary>—This member link is primary interface of the container.

 <redundancy>—Container interface redundancy options.

 <standby>—This member link is standby interface of the container.

<container-options> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <container-options>
 <container-type>...</container-type>
 <member-interface-type>...</member-interface-type>
 <redundancy>...</redundancy>
 <container-list>...</container-list>
 <primary/>
 <standby/>
 <allow-configuration-override/>
 </container-options>
 </interface>
 </interfaces>
 </configuration>

Description Container interface specific options.

Contents <allow-configuration-override>—Allow physical configuration of member link to override container configuration.

 <container-list>—List of container interfaces this member link is associated to.

 <container-type>—Protocol type of the container interface.

 <member-interface-type>—Link type of members of container.

 <primary>—This member link is primary interface of the container.

 <redundancy>—Container interface redundancy options.

 <standby>—This member link is standby interface of the container.

<container-type> (configuration/dynamic-profiles/interfaces/ interface/container-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <container-options>
 <container-type>
 <aps>...</aps>
 </container-type>
 </container-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Protocol type of the container interface.

Contents <aps>—APS options on the container.

<container-type> (configuration/interfaces/interface/ container-options)

Usage <configuration>
 <interfaces>
 <interface>
 <container-options>
 <container-type>
 <aps>...</aps>
 </container-type>
 </container-options>
 </interface>
 </interfaces>
 </configuration>

Description Protocol type of the container interface.

Contents <aps>—APS options on the container.

<contains> (configuration/services/ggsn/service-identification/dns-rule/term/from/dns/answer-name)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <dns-rule>
          <term>
            <from>
              <dns>
                <answer-name>
                  <contains>
                    <name>name</name>    <!-- identifier -->
                  </contains>
                </answer-name>
              </dns>
            </from>
          </term>
        </dns-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/dns-rule/term/from/dns/query-name)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <dns-rule>
 <term>
 <from>
 <dns>
 <query-name>
 <contains>
 <name>name</name> <!-- identifier -->
 </contains>
 </query-name>
 </dns>
 </from>
 </term>
 </dns-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/ftp-rule/term/from/ftp/filename)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <ftp-rule>
          <term>
            <from>
              <ftp>
                <filename>
                  <contains>
                    <name>name</name>    <!-- identifier -->
                  </contains>
                </filename>
              </ftp>
            </from>
          </term>
        </ftp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/http/content-type)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <http>
 <content-type>
 <contains>
 <name>name</name> <!-- identifier -->
 </contains>
 </content-type>
 </http>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/http/header/host)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <http>
 <header>
 <host>
 <contains>
 <name>name</name> <!-- identifier -->
 </contains>
 </host>
 </header>
 </http>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/mms/mms-retrieve/mm-origin)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <mms>
 <mms-retrieve>
 <mm-origin>
 <contains>
 <name>*name*</name> <!-- identifier -->
 </contains>
 </mm-origin>
 </mms-retrieve>
 </mms>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/mms/mms-send/any-mms-destination)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <http-wsp-rule>
          <term>
            <from>
              <mms>
                <mms-send>
                  <any-mms-destination>
                    <contains>
                      <name>name</name>    <!-- identifier -->
                    </contains>
                  </any-mms-destination>
                </mms-send>
              </mms>
            </from>
          </term>
        </http-wsp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/uri)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <uri>
 <contains>
 <name>name</name> <!-- identifier -->
 </contains>
 </uri>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/wsp/content-type)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <http-wsp-rule>
          <term>
            <from>
              <wsp>
                <content-type>
                  <contains>
                    <name>name</name>    <!-- identifier -->
                  </contains>
                </content-type>
              </wsp>
            </from>
          </term>
        </http-wsp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/pop3-rule/term/from/pop3/user)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule>
 <term>
 <from>
 <pop3>
 <user>
 <contains>
 <name>*name*</name> <!-- identifier -->
 </contains>
 </user>
 </pop3>
 </from>
 </term>
 </pop3-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

**<contains> (configuration/services/ggsn/service-identification/
rtsp-rule/term/from/rtsp/uri)**

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <rtsp-rule>
 <term>
 <from>
 <rtsp>
 <uri>
 <contains>
 <name>*name*</name> <!-- identifier -->
 </contains>
 </uri>
 </rtsp>
 </from>
 </term>
 </rtsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/sip-rule/term/from/sip/request-uri)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <sip-rule>
 <term>
 <from>
 <sip>
 <request-uri>
 <contains>
 <name>*name*</name> <!-- identifier -->
 </contains>
 </request-uri>
 </sip>
 </from>
 </term>
 </sip-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

**<contains> (configuration/services/ggsn/service-identification/
sip-rule/term/from/sip/via)**

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <sip-rule>
 <term>
 <from>
 <sip>
 <via>
 <contains>
 <name>name</name> <!-- identifier -->
 </contains>
 </via>
 </sip>
 </from>
 </term>
 </sip-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/smtp-rule/term/from/smtp/sender)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <smtp-rule>
          <term>
            <from>
              <smtp>
                <sender>
                  <contains>
                    <name>name</name>    <!-- identifier -->
                  </contains>
                </sender>
              </smtp>
            </from>
          </term>
        </smtp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<contains> (configuration/services/ggsn/service-identification/tftp-rule/term/from/tftp/filename)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <tftp-rule>
          <term>
            <from>
              <tftp>
                <filename>
                  <contains>
                    <name>name</name>    <!-- identifier -->
                  </contains>
                </filename>
              </tftp>
            </from>
          </term>
        </tftp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Matches a substring.

Contents <name>—Matches a substring.

<content-destination> (configuration/services/dynamic-flow-capture/capture-group)

Usage <configuration>
 <services>
 <dynamic-flow-capture>
 <capture-group>
 <content-destination>
 <name>name</name> <!-- identifier -->
 <address>address</address> <!-- mandatory -->
 <ttl>ttl</ttl>
 <soft-limit-clear>bps</soft-limit-clear>
 <soft-limit>bps</soft-limit>
 <hard-limit-target>bps</hard-limit-target>
 <hard-limit>bps</hard-limit>
 </content-destination>
 </capture-group>
 </dynamic-flow-capture>
 </services>
 </configuration>

Description Configure content destination parameters.

Contents <address>—Content destination IP address.
 <hard-limit>—Hard limit threshold.
 <hard-limit-target>—Hard limit target threshold.
 <name>—Content destination identifier.
 <soft-limit>—Soft limit threshold.
 <soft-limit-clear>—Soft limit clear threshold.
 <ttl>—Time to live.

<content-type> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/http)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <http-wsp-rule>
          <term>
            <from>
              <http>
                <content-type>
                  <case/>
                  <is>is</is>
                  <not-is>...</not-is>
                  <starts-with>starts-with</starts-with>
                  <not-starts-with>...</not-starts-with>
                  <ends-with>ends-with</ends-with>
                  <not-ends-with>...</not-ends-with>
                  <contains>...</contains>
                  <not-contains>...</not-contains>
                </content-type>
              </http>
            </from>
          </term>
        </http-wsp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Content type contained in http body.

Contents

- <case>—Consider case while processing.
- <contains>—Matches a substring.
- <ends-with>—End matches.
- <is>—Exact match.
- <not-contains>—Doesn't match a substring.
- <not-ends-with>—End doesn't match.
- <not-is>—Exclude exact match.
- <not-starts-with>—Beginning doesn't match.
- <starts-with>—Beginning matches.

<content-type> (configuration/services/ggsn/ service-identification/http-wsp-rule/term/from/wsp)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <wsp>
 <content-type>
 <case/>
 <is>is</is>
 <not-is>...</not-is>
 <starts-with>starts-with</starts-with>
 <not-starts-with>...</not-starts-with>
 <ends-with>ends-with</ends-with>
 <not-ends-with>...</not-ends-with>
 <contains>...</contains>
 <not-contains>...</not-contains>
 </content-type>
 </wsp>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description Content type contained in wsp body.

Contents <case>—Consider case while processing.
 <contains>—Matches a substring.
 <ends-with>—End matches.
 <is>—Exact match.
 <not-contains>—Doesn't match a substring.
 <not-ends-with>—End doesn't match.
 <not-is>—Exclude exact match.
 <not-starts-with>—Beginning doesn't match.
 <starts-with>—Beginning matches.

<contents> (configuration/dynamic-profiles/interfaces/interface/services-options/syslog/host)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <services-options>
          <syslog>
            <host>
              <contents>
                <name>name</name>    <!-- identifier -->
                <any/>
                <emergency/>
                <alert/>
                <critical/>
                <error/>
                <warning/>
                <notice/>
                <info/>
                <none/>
              </contents>
            </host>
          </syslog>
        </services-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

■ services—Adaptive Services PIC.

<none>—No messages.

<notice>—Conditions that should be handled specially.

<warning>—Warning messages.

<contents> (configuration/interfaces/interface/services-options/syslog/host)

Usage <configuration>
 <interfaces>
 <interface>
 <services-options>
 <syslog>
 <host>
 <contents>
 <name>name</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </host>
 </syslog>
 </services-options>
 </interface>
 </interfaces>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

■ services—Adaptive Services PIC.

<none>—No messages.

<notice>—Conditions that should be handled specially.

<warning>—Warning messages.

<contents> (configuration/services/l2tp/tunnel-group/syslog/host)

Usage <configuration>
 <services>
 <l2tp>
 <tunnel-group>
 <syslog>
 <host>
 <contents>
 <name>*name*</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </host>
 </syslog>
 </tunnel-group>
 </l2tp>
 </services>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

■ services—Adaptive Services PIC.

<none>—No messages.

<notice>—Conditions that should be handled specially.

<warning>—Warning messages.

<contents> (configuration/services/service-set/syslog/host)

Usage <configuration>
 <services>
 <service-set>
 <syslog>
 <host>
 <contents>
 <name>*name*</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </host>
 </syslog>
 </service-set>
 </services>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

■ **services**—Adaptive Services PIC.

<none>—No messages.

<notice>—Conditions that should be handled specially.

<warning>—Warning messages.

<contents> (configuration/system/syslog/file)

Usage <configuration>
 <system>
 <syslog>
 <file>
 <contents>
 <name>name</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </file>
 </syslog>
 </system>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

- any—All facilities.
- authorization—Authorization system.
- change-log—Configuration change log.
- conflict-log—Configuration conflict log.
- daemon—Various system processes.
- dfc—Dynamic flow capture.
- external—Local external applications.
- firewall—Firewall filtering system.

- `ftp`—FTP process.
- `interactive-commands`—Commands executed by the UI.
- `kernel`—Kernel.
- `ntp`—NTP process.
- `pfe`—Packet Forwarding Engine.
- `security`—Security related.
- `user`—User processes.

`<none>`—No messages.

`<notice>`—Conditions that should be handled specially.

`<warning>`—Warning messages.

<contents> (configuration/system/syslog/host)

Usage <configuration>
 <system>
 <syslog>
 <host>
 <contents>
 <name>name</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </host>
 </syslog>
 </system>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

- any—All facilities.
- authorization—Authorization system.
- change-log—Configuration change log.
- conflict-log—Configuration conflict log.
- daemon—Various system processes.
- dfc—Dynamic flow capture.
- external—Local external applications.
- firewall—Firewall filtering system.

- `ftp`—FTP process.
- `interactive-commands`—Commands executed by the UI.
- `kernel`—Kernel.
- `ntp`—NTP process.
- `pfe`—Packet Forwarding Engine.
- `security`—Security related.
- `user`—User processes.

`<none>`—No messages.

`<notice>`—Conditions that should be handled specially.

`<warning>`—Warning messages.

<contents> (configuration/system/syslog/user)

Usage <configuration>
 <system>
 <syslog>
 <user>
 <contents>
 <name>name</name> <!-- identifier -->
 <any/>
 <emergency/>
 <alert/>
 <critical/>
 <error/>
 <warning/>
 <notice/>
 <info/>
 <none/>
 </contents>
 </user>
 </syslog>
 </system>
 </configuration>

Description No documentation is available yet.

Contents <alert>—Conditions that should be corrected immediately.

<any>—All levels.

<critical>—Critical conditions.

<emergency>—Panic conditions.

<error>—Error conditions.

<info>—Informational messages.

<name>—Facility type.

- any—All facilities.
- authorization—Authorization system.
- change-log—Configuration change log.
- conflict-log—Configuration conflict log.
- daemon—Various system processes.
- dfc—Dynamic flow capture.
- external—Local external applications.
- firewall—Firewall filtering system.

- ftp—FTP process.
- interactive-commands—Commands executed by the UI.
- kernel—Kernel.
- ntp—NTP process.
- pfe—Packet Forwarding Engine.
- security—Security related.
- user—User processes.

<none>—No messages.

<notice>—Conditions that should be handled specially.

<warning>—Warning messages.

<context-indications> (configuration/services/pgcp/gateway/h248-options/service-change)

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <h248-options>
 <service-change>
 <context-indications>
 <state-loss>state-loss-choice</state-loss>
 </context-indications>
 </service-change>
 </h248-options>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description Context indications.

Contents <state-loss>—Configure state loss service change.

- forced-910—State loss reason fo/910.
- forced-915—State loss.
- none—Suppress state loss 918 service change.

<context-prefix> (configuration/snmp/v3/vacm/access/group)

Usage

```

<configuration>
  <snmp>
    <v3>
      <vacm>
        <access>
          <group>
            <context-prefix>
              <name>name</name>    <!-- identifier -->
              <security-model>...</security-model>
            </context-prefix>
          </group>
        </access>
      </vacm>
    </v3>
  </snmp>
</configuration>

```

Description Context-prefix access configuration.

Contents <name>—SNMPv3 VACM context prefix.
 <security-model>—Security model access configuration.

<continue> (configuration/services/ggsn/apn/service-based-charging/credit-control/ro-profile/failure)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <ro-profile>
 <failure>
 <continue>
 <timeout>*minutes*</timeout>
 <no-reestablish/>
 </continue>
 </failure>
 </ro-profile>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Settings for handling continue.

Contents <no-reestablish>—Don't reestablish credit session after communication failure.

 <timeout>—Validity time for continue action.

<continuity-check> (configuration/logical-systems/protocols/oam/ethernet/connectivity-fault-management/maintenance-domain/maintenance-association)

Usage <configuration>
 <logical-systems>
 <protocols>
 <oam>
 <ethernet>
 <connectivity-fault-management>
 <maintenance-domain>
 <maintenance-association>
 <continuity-check>
 <interval>*interval-choice*</interval>
 <loss-threshold>*loss-threshold*</loss-threshold>
 <hold-interval>*minutes*</hold-interval>
 </continuity-check>
 </maintenance-association>
 </maintenance-domain>
 </connectivity-fault-management>
 </ethernet>
 </oam>
 </protocols>
</logical-systems>
</configuration>

Description Continuity check configuration.

Contents <hold-interval>—Time before flushing MEP database if no updates occur.

<interval>—Interval between continuity-check messages.

- 100ms—No documentation is available yet.
- 10m—No documentation is available yet.
- 10ms—No documentation is available yet.
- 10s—No documentation is available yet.
- 1m—No documentation is available yet.
- 1s—No documentation is available yet.

<loss-threshold>—Number of continuity-check messages lost before marking endpoint as down.

<continuity-check> (configuration/protocols/oam/ethernet/connectivity-fault-management/maintenance-domain/maintenance-association)

Usage <configuration>
 <protocols>
 <oam>
 <ethernet>
 <connectivity-fault-management>
 <maintenance-domain>
 <maintenance-association>
 <continuity-check>
 <interval>*interval-choice*</interval>
 <loss-threshold>*loss-threshold*</loss-threshold>
 <hold-interval>*minutes*</hold-interval>
 </continuity-check>
 </maintenance-association>
 </maintenance-domain>
 </connectivity-fault-management>
 </ethernet>
 </oam>
 </protocols>
 </configuration>

Description Continuity check configuration.

Contents <hold-interval>—Time before flushing MEP database if no updates occur.

<interval>—Interval between continuity-check messages.

- 100ms—No documentation is available yet.
- 10m—No documentation is available yet.
- 10ms—No documentation is available yet.
- 10s—No documentation is available yet.
- 1m—No documentation is available yet.
- 1s—No documentation is available yet.

<loss-threshold>—Number of continuity-check messages lost before marking endpoint as down.

<control> (configuration/system/services/web-management)

Usage	<pre> <configuration> <system> <services> <web-management> <control> <max-threads>max-threads</max-threads> </control> </web-management> </services> </system> </configuration> </pre>
Description	Control of the web management process.
Contents	<max-threads>—Maximum simultaneous threads to handle requests.

<control-association-indications> (configuration/services/pgcp/gateway/h248-options/service-change)

Usage	<pre> <configuration> <services> <pgcp> <gateway> <h248-options> <service-change> <control-association-indications> <up>...</up> <down>...</down> <disconnect>...</disconnect> </control-association-indications> </service-change> </h248-options> </gateway> </pgcp> </services> </configuration> </pre>
Description	Control association indications.
Contents	<p><disconnect>—No documentation is available yet.</p> <p><down>—No documentation is available yet.</p> <p><up>—No documentation is available yet.</p>

<control-channel> (configuration/logical-systems/protocols/link-management/peer)

Usage <configuration>
 <logical-systems>
 <protocols>
 <link-management>
 <peer>
 <control-channel>
 <name>*name*</name> <!-- identifier -->
 </control-channel>
 </peer>
 </link-management>
 </protocols>
 </logical-systems>
 </configuration>

Description Control channel interfaces by priority.

Contents <name>—Control channel interfaces by priority.

<control-channel> (configuration/logical-systems/protocols/protection-group/ethernet-ring/east-interface)

Usage <configuration>
 <logical-systems>
 <protocols>
 <protection-group>
 <ethernet-ring>
 <east-interface>
 <control-channel>
 <control-channel-name>*control-channel-name*</control-channel-name>
 <!-- mandatory -->
 <vlan>*vlan*</vlan>
 </control-channel>
 </east-interface>
 </ethernet-ring>
 </protection-group>
 </protocols>
 </logical-systems>
 </configuration>

Description Contro channel of ring port.

Contents <control-channel-name>—No documentation is available yet.

 <vlan>—Dedicated VLAN identifier.

<control-channel> (configuration/logical-systems/protocols/protection-group/ethernet-ring/west-interface)

Usage <configuration>
 <logical-systems>
 <protocols>
 <protection-group>
 <ethernet-ring>
 <west-interface>
 <control-channel>
 <control-channel-name>*control-channel-name*
 </control-channel-name> <!-- mandatory -->
 <vlan>*vlan*</vlan>
 </control-channel>
 </west-interface>
 </ethernet-ring>
 </protection-group>
 </protocols>
 </logical-systems>
</configuration>

Description Contro channel of ring port.

Contents <control-channel-name>—No documentation is available yet.

<vlan>—Dedicated VLAN identifier.

<control-channel> (configuration/protocols/link-management/peer)

Usage <configuration>
 <protocols>
 <link-management>
 <peer>
 <control-channel>
 <name>*name*</name> <!-- identifier -->
 </control-channel>
 </peer>
 </link-management>
 </protocols>
</configuration>

Description Control channel interfaces by priority.

Contents <name>—Control channel interfaces by priority.

<control-channel> (configuration/protocols/protection-group/ethernet-ring/east-interface)

Usage	<pre> <configuration> <protocols> <protection-group> <ethernet-ring> <east-interface> <control-channel> <control-channel-name><i>control-channel-name</i> </control-channel-name> <!-- mandatory --> <vlan><i>vlan</i></vlan> </control-channel> </east-interface> </ethernet-ring> </protection-group> </protocols> </configuration> </pre>
Description	Contro channel of ring port.
Contents	<p><control-channel-name>—No documentation is available yet.</p> <p><vlan>—Dedicated VLAN identifier.</p>

<control-channel> (configuration/protocols/protection-group/ethernet-ring/west-interface)

Usage	<pre> <configuration> <protocols> <protection-group> <ethernet-ring> <west-interface> <control-channel> <control-channel-name><i>control-channel-name</i> </control-channel-name> <!-- mandatory --> <vlan><i>vlan</i></vlan> </control-channel> </west-interface> </ethernet-ring> </protection-group> </protocols> </configuration> </pre>
Description	Contro channel of ring port.
Contents	<p><control-channel-name>—No documentation is available yet.</p> <p><vlan>—Dedicated VLAN identifier.</p>

<control-slot-numbers> (configuration/chassis/system-domains/protected-system-domains)

Usage <configuration>
 <chassis>
 <system-domains>
 <protected-system-domains>
 <control-slot-numbers>
 <name>*name*</name> <!-- identifier -->
 </control-slot-numbers>
 </protected-system-domains>
 </system-domains>
 </chassis>
 </configuration>

Description Slots associated with protected system domain.

Contents <name>—Slots associated with protected system domain.

<control-source> (configuration/services/dynamic-flow-capture/capture-group)

Usage <configuration>
 <services>
 <dynamic-flow-capture>
 <capture-group>
 <control-source>
 <name>*name*</name> <!-- identifier -->
 <source-addresses>...</source-addresses>
 <service-port>*service-port*</service-port> <!-- mandatory -->
 <notification-targets>...</notification-targets>
 <no-syslog/>
 <shared-key>*shared-key*</shared-key> <!-- mandatory -->
 <allowed-destinations>...</allowed-destinations>
 <minimum-priority>*minimum-priority*</minimum-priority>
 </control-source>
 </capture-group>
 </dynamic-flow-capture>
 </services>
 </configuration>

Description Configure control source parameters.

Contents <allowed-destinations>—Allowed destinations.
 <minimum-priority>—Minimum priority of the control source.
 <name>—Control source identifier.
 <no-syslog>—Disable syslog.
 <notification-targets>—Notification target list.
 <service-port>—Service port.
 <shared-key>—Shared key with control source.
 <source-addresses>—Allowed control source IP address list.

<conversational> (configuration/services/ggsn/apn/ service-based-charging/credit-control/profile/request-quota)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <credit-control>
            <profile>
              <request-quota>
                <conversational>
                  <base-quota>base-quota</base-quota>
                  <bandwidth-factor>bandwidth-factor</bandwidth-factor>
                </conversational>
              </request-quota>
            </profile>
          </credit-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Quota settings for conversational traffic.

Contents <bandwidth-factor>—Bandwidth scaling factor.

<base-quota>—Requested base quota.

<conversational-1> (configuration/services/ggsn/apn/uplink-dscp-remapping)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <uplink-dscp-remapping>
 <conversational-1>
 <low-drop-precedence>*low-drop-precedence-choice*
 </low-drop-precedence>
 <medium-drop-precedence>*medium-drop-precedence-choice*
 </medium-drop-precedence>
 <high-drop-precedence>*high-drop-precedence-choice*
 </high-drop-precedence>
 </conversational-1>
 </uplink-dscp-remapping>
 </apn>
 </ggsn>
 </services>
</configuration>

Description DSCP name for conversational class 1 traffic.

Contents <high-drop-precedence>—SDU error ratio = $(10^{-1} \mid 10^{-2})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<low-drop-precedence>—SDU error ratio = $(10^{-4} \mid 10^{-5} \mid 10^{-6})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<medium-drop-precedence>—SDU error ratio = $(7 * 10^{-3} \mid 10^{-3})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.

- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<conversational-1> (configuration/services/ggsn/gtp/downlink-dscp-remapping)

Usage

```

<configuration>
  <services>
    <ggsn>
      <gtp>
        <downlink-dscp-remapping>
          <conversational-1>
            <low-drop-precedence>low-drop-precedence-choice
            </low-drop-precedence>
            <medium-drop-precedence>medium-drop-precedence-choice
            </medium-drop-precedence>
            <high-drop-precedence>high-drop-precedence-choice
            </high-drop-precedence>
          </conversational-1>
        </downlink-dscp-remapping>
      </gtp>
    </ggsn>
  </services>
</configuration>

```

Description DSCP name for conversational class 1 traffic.

Contents <high-drop-precedence>—SDU error ratio = $(10^{-1} \mid 10^{-2})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<low-drop-precedence>—SDU error ratio = $(10^{-4} \mid 10^{-5} \mid 10^{-6})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<medium-drop-precedence>—SDU error ratio = $(7 \cdot 10^{-3} \mid 10^{-3})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.

- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<conversational-2> (configuration/services/ggsn/apn/uplink-dscp-remapping)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <uplink-dscp-remapping>
 <conversational-2>
 <low-drop-precedence>*low-drop-precedence-choice*
 </low-drop-precedence>
 <medium-drop-precedence>*medium-drop-precedence-choice*
 </medium-drop-precedence>
 <high-drop-precedence>*high-drop-precedence-choice*
 </high-drop-precedence>
 </conversational-2>
 </uplink-dscp-remapping>
 </apn>
 </ggsn>
 </services>
</configuration>

Description DSCP name for conversational class 2 traffic.

Contents <high-drop-precedence>—SDU error ratio = $(10^{-1} \mid 10^{-2})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<low-drop-precedence>—SDU error ratio = $(10^{-4} \mid 10^{-5} \mid 10^{-6})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<medium-drop-precedence>—SDU error ratio = $(7 * 10^{-3} \mid 10^{-3})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.

- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<conversational-2> (configuration/services/ggsn/gtp/downlink-dscp-remapping)

Usage <configuration>
 <services>
 <ggsn>
 <gtp>
 <downlink-dscp-remapping>
 <conversational-2>
 <low-drop-precedence>*low-drop-precedence-choice*
 </low-drop-precedence>
 <medium-drop-precedence>*medium-drop-precedence-choice*
 </medium-drop-precedence>
 <high-drop-precedence>*high-drop-precedence-choice*
 </high-drop-precedence>
 </conversational-2>
 </downlink-dscp-remapping>
 </gtp>
 </ggsn>
 </services>
</configuration>

Description DSCP name for conversational class 2 traffic.

Contents <high-drop-precedence>—SDU error ratio = $(10^{-1} \mid 10^{-2})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<low-drop-precedence>—SDU error ratio = $(10^{-4} \mid 10^{-5} \mid 10^{-6})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<medium-drop-precedence>—SDU error ratio = $(7 \cdot 10^{-3} \mid 10^{-3})$.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.

- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort forwarding.
- ef—Expedited forwarding.

<cos> (configuration/services)

Usage <configuration>
 <services>
 <cos>
 <application-profile>...</application-profile>
 <rule>...</rule>
 <rule-set>...</rule-set>
 </cos>
 </services>
 </configuration>

Description Class of Service services configuration.

Contents <application-profile>—One or more CoS application profiles.

<rule>—One or more CoS rules.

<rule-set>—Define a Set of CoS rules.

<cos-rule-sets> (configuration/services/service-set)

Usage <configuration>
 <services>
 <service-set>
 <cos-rule-sets>
 <name>*name*</name> <!-- identifier -->
 </cos-rule-sets>
 </service-set>
 </services>
 </configuration>

Description One or more CoS rule sets.

Contents <name>—Name of rule set.

<cos-rules> (configuration/services/service-set)

Usage	<pre> <configuration> <services> <service-set> <cos-rules> <name>name</name> <!-- identifier --> </cos-rules> </service-set> </services> </configuration> </pre>
Description	One or more CoS rules.
Contents	<name>—Rule name.

<counters> (configuration/accounting-options/filter-profile)

Usage	<pre> <configuration> <accounting-options> <filter-profile> <counters> <name>name</name> <!-- identifier --> </counters> </filter-profile> </accounting-options> </configuration> </pre>
Description	Name of counter.
Contents	<name>—Name of counter.

<credit-control> (configuration/services/ggsn/apn/service-based-charging)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <credit-control>
            <profile>...</profile>
            <ro-profile>...</ro-profile>
            <query-cc-as>...</query-cc-as>
            <query-ocs>...</query-ocs>
            <quota-threshold>percent</quota-threshold>
            <allow-external-update/>
            <roaming-class/>
          </credit-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Credit control.

Contents <allow-external-update>—Allow externally initiated update of credit information.

<profile>—Credit control profile.

<query-cc-as>—Credit Control Application System (CC-AS) user query.

<query-ocs>—OCS user query.

<quota-threshold>—Low credit threshold.

<ro-profile>—Ro-based credit control profile.

<roaming-class>—Include SCAP roaming class.

<credit-control-user> (configuration/services/ggsn/apn/service-based-charging/credit-control/query-cc-as)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <query-cc-as>
 <credit-control-user>
 <cc>cc</cc> <!-- mandatory -->
 <user-category>user-category</user-category> <!-- mandatory -->
 </credit-control-user>
 </query-cc-as>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Ask CC-AS whether to use credit control.

Contents <cc>—Charging characteristics.

<user-category>—User category.

<credit-control-user> (configuration/services/ggsn/apn/service-based-charging/credit-control/query-ocs)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <query-ocs>
 <credit-control-user>
 <cc>cc</cc> <!-- mandatory -->
 </credit-control-user>
 </query-ocs>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Settings to use if OCS enables credit control for the user.

Contents <cc>—Charging characteristics.

<crl> (configuration/security/pki/ca-profile/revocation-check)

Usage	<pre> <configuration> <security> <pki> <ca-profile> <revocation-check> <crl> <disable>...</disable> <url>...</url> <refresh-interval>hours</refresh-interval> </crl> </revocation-check> </ca-profile> </pki> </security> </configuration> </pre>
Description	Certificate revocation list configuration.
Contents	<p><disable>—No documentation is available yet.</p> <p><refresh-interval>—CRL refresh interval.</p> <p><url>—No documentation is available yet.</p>

<cryptographic-address> (configuration/logical-systems/protocols/neighbor-discovery/secure)

Usage	<pre> <configuration> <logical-systems> <protocols> <neighbor-discovery> <secure> <cryptographic-address> <key-length>key-length</key-length> <key-pair>key-pair</key-pair> </cryptographic-address> </secure> </neighbor-discovery> </protocols> </logical-systems> </configuration> </pre>
Description	Cryptographic address configuration.
Contents	<p><key-length>—RSA key length in bits.</p> <p><key-pair>—Pathname of RSA key file.</p>

<cryptographic-address> (configuration/protocols/neighbor-discovery/secure)

Usage	<pre> <configuration> <protocols> <neighbor-discovery> <secure> <cryptographic-address> <key-length>key-length</key-length> <key-pair>key-pair</key-pair> </cryptographic-address> </secure> </neighbor-discovery> </protocols> </configuration> </pre>
Description	Cryptographic address configuration.
Contents	<p><key-length>—RSA key length in bits.</p> <p><key-pair>—Pathname of RSA key file.</p>

<csnp-interval> (configuration/logical-systems/protocols/isis/interface)

Usage	<pre> <configuration> <logical-systems> <protocols> <isis> <interface> <csnp-interval> <csnp-interval-number>seconds</csnp-interval-number> <disable/> </csnp-interval> </interface> </isis> </protocols> </logical-systems> </configuration> </pre>
Description	Rate of CSN packets (for LAN interfaces only).
Contents	<p><csnp-interval-number>—Interval between CSN packets.</p> <p><disable>—Do not send CSN packets on this interface.</p>

<csnp-interval> (configuration/logical-systems/routing-instances/instance/protocols/isis/interface)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <isis>
 <interface>
 <csnp-interval>
 <csnp-interval-number>seconds</csnp-interval-number>
 <disable/>
 </csnp-interval>
 </interface>
 </isis>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Rate of CSN packets (for LAN interfaces only).

Contents <csnp-interval-number>—Interval between CSN packets.
 <disable>—Do not send CSN packets on this interface.

<csnp-interval> (configuration/protocols/isis/interface)

Usage <configuration>
 <protocols>
 <isis>
 <interface>
 <csnp-interval>
 <csnp-interval-number>seconds</csnp-interval-number>
 <disable/>
 </csnp-interval>
 </interface>
 </isis>
 </protocols>
</configuration>

Description Rate of CSN packets (for LAN interfaces only).

Contents <csnp-interval-number>—Interval between CSN packets.
 <disable>—Do not send CSN packets on this interface.

<csnp-interval> (configuration/routing-instances/instance/protocols/isis/interface)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <isis>
 <interface>
 <csnp-interval>
 <csnp-interval-number>*seconds*</csnp-interval-number>
 <disable/>
 </csnp-interval>
 </interface>
 </isis>
 </protocols>
 </instance>
 </routing-instances>
</configuration>

Description Rate of CSN packets (for LAN interfaces only).

Contents <csnp-interval-number>—Interval between CSN packets.
 <disable>—Do not send CSN packets on this interface.

<ct3> (configuration/chassis/fpc/pic)

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <ct3>
 <port>...</port>
 </ct3>
 </pic>
 </fpc>
 </chassis>
 </configuration>

Description CT3 NxDS0 PIC configuration.

Contents <port>—CT3 port.

<ct3> (configuration/chassis/lcc/fpc/pic)

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <ct3>
 <port>...</port>
 </ct3>
 </pic>
 </fpc>
 </lcc>
 </chassis>
 </configuration>

Description CT3 NxDS0 PIC configuration.

Contents <port>—CT3 port.

<custom-attack> (configuration/security/idp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <name>*name*</name> <!-- identifier -->
 <recommended-action>*recommended-action-choice*</recommended-action>
 <severity>*severity-choice*</severity>
 <time-binding>...</time-binding>
 <attack-type>...</attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Configure custom attacks.

Contents <attack-type>—Type of attack.

<name>—Custom attack name.

<recommended-action>—Recommended Action.

- close—Reset both client and server.
- close-client—Reset the client side.
- close-server—Reset the server side.
- drop—Drop the packet and subsequent packets of the flow.
- drop-packet—Drop the packet.
- ignore—No further inspection on the flow.
- none—No action.

<severity>—Select the severity that matches the lethality of this attack on your network.

- critical—The attack is a critical one.
- info—Provide information of attack when it matches.
- major—The attack is a major one.
- minor—The attack is a minor one.
- warning—Issue a warning when attack matches.

<time-binding>—Time binding params.

<custom-attack-group> (configuration/security/idp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack-group>
 <name>name</name> <!-- identifier -->
 <group-members>...</group-members>
 </custom-attack-group>
 </idp>
 </security>
 </configuration>

Description Configure custom attack groups.

Contents <group-members>—List of attacks/attack groups belonging to this group.
 <name>—Custom attack group name.

<custom-attack-groups> (configuration/security/idp/idp-policy/rulebase-exempt/rule/match/attacks)

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-exempt>
 <rule>
 <match>
 <attacks>
 <custom-attack-groups>
 <name>name</name> <!-- identifier -->
 </custom-attack-groups>
 </attacks>
 </match>
 </rule>
 </rulebase-exempt>
 </idp-policy>
 </idp>
 </security>
 </configuration>

Description Custom attack groups.

Contents <name>—Custom attack groups.

<custom-attack-groups> (configuration/security/idp/idp-policy/rulebase-ips/rule/match/attacks)

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-ips>
 <rule>
 <match>
 <attacks>
 <custom-attack-groups>
 <name>name</name> <!-- identifier -->
 </custom-attack-groups>
 </attacks>
 </match>
 </rule>
 </rulebase-ips>
 </idp-policy>
 </idp>
 </security>
 </configuration>

Description Custom attack groups.

Contents <name>—Custom attack groups.

<custom-attacks> (configuration/security/idp/idp-policy/rulebase-exempt/rule/match/attacks)

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-exempt>
 <rule>
 <match>
 <attacks>
 <custom-attacks>
 <name>name</name> <!-- identifier -->
 </custom-attacks>
 </attacks>
 </match>
 </rule>
 </rulebase-exempt>
 </idp-policy>
 </idp>
 </security>
 </configuration>

Description Custom attacks.

Contents <name>—Custom attacks.

**<custom-attacks> (configuration/security/idp/idp-policy/
rulebase-ips/rule/match/attacks)**

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-ips>
 <rule>
 <match>
 <attacks>
 <custom-attacks>
 <name>name</name> <!-- identifier -->
 </custom-attacks>
 </attacks>
 </match>
 </rule>
 </rulebase-ips>
 </idp-policy>
 </idp>
 </security>
 </configuration>

Description Custom attacks.

Contents <name>—Custom attacks.