Chapter 12

Tag Elements Beginning with L

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

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 606, <apply-groups-except> on page 606, and <apply-macro> on page 607.

<l2-learning> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <l2-learning>
        <global-mac-table-aging-time>seconds</global-mac-table-aging-time>
        <global-mac-limit>...</global-mac-limit>
        <global-no-mac-learning/>
        <global-mac-statistics/>
      </l2-learning>
    </protocols>
  </logical-systems>
</configuration>
```

Description Layer 2 forwarding configuration.

Contents <global-mac-limit>—System level MAC limit options.

<global-mac-statistics>—Enable MAC address statistics at system level.

<global-mac-table-aging-time>—System level MAC table aging time.

<global-no-mac-learning>—Disable dynamic MAC address learning at system level.

<l2-learning> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <l2-learning>
      <global-mac-table-aging-time>seconds</global-mac-table-aging-time>
      <global-mac-limit>...</global-mac-limit>
      <global-no-mac-learning/>
      <global-mac-statistics/>
    </l2-learning>
  </protocols>
</configuration>
```

Description Layer 2 forwarding configuration.

Contents <global-mac-limit>—System level MAC limit options.

<global-mac-statistics>—Enable MAC address statistics at system level.

<global-mac-table-aging-time>—System level MAC table aging time.

<global-no-mac-learning>—Disable dynamic MAC address learning at system level.

<l2circuit> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <l2circuit>
        <traceoptions>...</traceoptions>
        <neighbor>...</neighbor>
        <local-switching>...</local-switching>
      </l2circuit>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for Layer 2 circuits over MPLS.

Contents <local-switching>—Configuration of Layer 2 circuits local switching.

<neighbor>—List of Layer 2 circuits to this neighbor.

<traceoptions>—Trace options for Layer 2 circuits.

<l2circuit> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <l2circuit>
      <traceoptions>...</traceoptions>
      <neighbor>...</neighbor>
      <local-switching>...</local-switching>
    </l2circuit>
  </protocols>
</configuration>
```

Description Configuration for Layer 2 circuits over MPLS.

Contents <local-switching>—Configuration of Layer 2 circuits local switching.

<neighbor>—List of Layer 2 circuits to this neighbor.

<traceoptions>—Trace options for Layer 2 circuits.

<l2iw> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <l2iw>
        <traceoptions>...</traceoptions>
      </l2iw>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for Layer 2 interworking.

Contents <traceoptions>—Trace options for Layer 2 circuits.

<l2iw> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <l2iw>
      <traceoptions>...</traceoptions>
    </l2iw>
  </protocols>
</configuration>
```

Description Configuration for Layer 2 interworking.

Contents <traceoptions>—Trace options for Layer 2 circuits.

<l2tp> (configuration/access/group-profile)

Usage

```
<configuration>
  <access>
    <group-profile>
      <l2tp>
        <maximum-sessions-per-tunnel>maximum-sessions-per-tunnel
                  </maximum-sessions-per-tunnel>
        <interface-id>interface-id</interface-id>     <!-- mandatory -->
        <lcp-renegotiation/>
        <local-chap/>
        <multilink>...</multilink>
      </l2tp>
    </group-profile>
  </access>
</configuration>
```

Description Configuration for Layer 2 Tunneling Protocol.

Contents <interface-id>—Interface identifier for PPP users missing one.

<lcp-renegotiation>—Force renegotiation of LCP options.

<local-chap>—Force local CHAP challenge.

<maximum-sessions-per-tunnel>—Maximum number of sessions per L2TP tunnel.

<multilink>—Multilink Point-to-Point Protocol command options.

<l2tp> (configuration/access/profile/client)

Usage

```
<configuration>
  <access>
    <profile>
      <client>
        <l2tp>
          <maximum-sessions-per-tunnel>maximum-sessions-per-tunnel
                    </maximum-sessions-per-tunnel>
          <interface-id>interface-id</interface-id>     <!-- mandatory -->
          <lcp-renegotiation/>
          <local-chap/>
          <multilink>...</multilink>
          <ppp-authentication>ppp-authentication-choice</ppp-authentication>
          <shared-secret>shared-secret</shared-secret>
          <ppp-profile>ppp-profile</ppp-profile>
        </l2tp>
      </client>
    </profile>
  </access>
</configuration>
```

Description Configuration for Layer 2 Tunneling Protocol.

Contents <interface-id>—Interface identifier for PPP users missing one.

<lcp-renegotiation>—Force renegotiation of LCP options.

<local-chap>—Force local CHAP challenge.

<maximum-sessions-per-tunnel>—Maximum number of sessions per L2TP tunnel.

<multilink>—Multilink Point-to-Point Protocol command options.

<ppp-authentication>—Method for authenticating client.

- chap—Challenge Handshake Authentication Protocol.
- pap—Password Authentication Protocol.

<ppp-profile>—User profile name.

<shared-secret>—Shared secret for authenticating peer.

<l2tp> (configuration/services)

Usage

```
<configuration>
  <services>
    <l2tp>
      <tunnel-group>...</tunnel-group>
      <traceoptions>...</traceoptions>
    </l2tp>
  </services>
</configuration>
```

Description Configure Layer 2 Tunneling Protocol service.

Contents <traceoptions>—Layer 2 Tunneling Protocol daemon trace options.

<tunnel-group>—Layer 2 Tunneling Protocol profile.

<l2tp> (configuration/services/ggsn/apn)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <l2tp>
          <l2tp-routing-instance>l2tp-routing-instance</l2tp-routing-instance>
          <hide-avps/>
          <lac-address>lac-address</lac-address>     <!-- mandatory -->
          <lns-server>...</lns-server>
          <secret>secret</secret>
          <hello-interval>seconds</hello-interval>
          <receive-window>receive-window</receive-window>
          <max-retry>max-retry</max-retry>
          <max-retry-timeout>seconds</max-retry-timeout>
          <copy-inner-ip-dscp/>
          <ppp>...</ppp>
        </l2tp>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description L2TP settings.

Contents <copy-inner-ip-dscp>—Copy DSCP field from inner to outer IP-header.

<hello-interval>—Keepalive timer for the L2TP tunnel.

<hide-avps>—Hide L2TP AVPs.

<l2tp-routing-instance>—Routing instance for the L2TP network.

<lac-address>—GGSN (LAC) IP address.

<lns-server>—L2TP network server.

<max-retry>—Maximum number of retry attempts during L2TP negotiation.

<max-retry-timeout>—Maximum timeout between control channel retransmissions.

<ppp>—Point-to-point protocol settings.

<receive-window>—Size of receive window for the L2TP tunnel.

<secret>—Shared secret for tunnel authentication and AVP hiding.

<l2vpn> (configuration/logical-systems/protocols/bgp/family)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <l2vpn>
            <signaling>...</signaling>
          </l2vpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/logical-systems/protocols/bgp/group/family)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <l2vpn>
              <signaling>...</signaling>
            </l2vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/logical-systems/protocols/bgp/group/ neighbor/family)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <l2vpn>
                <signaling>...</signaling>
              </l2vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/logical-systems/routing-instances/ instance/protocols)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <l2vpn>
            <traceoptions>...</traceoptions>
            <encapsulation-type>encapsulation-type-choice</encapsulation-type>
            <control-word/>
            <site-range>site-range</site-range>
            <mac-table-size>...</mac-table-size>
            <interface-mac-limit>...</interface-mac-limit>
            <mac-table-aging-time>seconds</mac-table-aging-time>
            <no-mac-learning/>
            <mac-statistics/>
            <interface>...</interface>
            <tunnel-services>...</tunnel-services>
            <no-tunnel-services/>
            <site>...</site>
            <community>community</community>
            <vpls-id>vpls-id</vpls-id>
            <mtu>mtu</mtu>
            <ignore-mtu-mismatch/>
            <mac-tlv-receive/>
            <mac-tlv-send/>
            <ignore-encapsulation-mismatch/>
            <neighbor>...</neighbor>
            <mesh-group>...</mesh-group>
            <connectivity-type>connectivity-type-choice</connectivity-type>
          </l2vpn>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Layer 2 VPN configuration.

Contents <community>—Community associated with this VPLS instance.

<connectivity-type>—Specify type of interface sufficient to bring vpls connection up.

- ce—CE interface is required.
- irb—IRB interface is sufficient.

<control-word>—Add control word to the Layer 2 encapsulation.

<encapsulation-type>—Encapsulation type for VPN.

- atm-aal5—ATM AAL/5 encapsulation.

- atm-cell—ATM port promiscuous mode cell encapsulation.
- atm-cell-port-mode—ATM port promiscuous mode cell encapsulation.
- atm-cell-vc-mode—ATM non-promiscuous cell encapsulation.
- atm-cell-vp-mode—ATM VP promiscuous mode cell encapsulation.
- cesop—CESOP based Layer 2 VPN.
- cisco-hdlc—Cisco-compatible HDLC encapsulation.
- ethernet—Ethernet encapsulation.
- ethernet-vlan—Ethernet VLAN encapsulation.
- frame-relay—Frame Relay encapsulation.
- frame-relay-port-mode—Frame Relay port mode encapsulation.
- interworking—Layer 2.5 interworking VPN.
- ppp—PPP encapsulation.
- satop-e1—SATOP-E1 based Layer 2 VPN.
- satop-e3—SATOP-E3 based Layer 2 VPN.
- satop-t1—SATOP-T1 based Layer 2 VPN.
- satop-t3—SATOP-T3 based Layer 2 VPN.

<ignore-encapsulation-mismatch>—Allow different encapsulation types on local and remote end.

<ignore-mtu-mismatch>—Allow different MTU values on local and remote end.

<interface>—Interface that connect this site to the VPN.

<interface-mac-limit>—Maximum MAC address learned per interface.

<mac-statistics>—Enable MAC address statistics.

<mac-table-aging-time>—Delay for discarding MAC address if no updates are received.

<mac-table-size>—Size of MAC address forwarding table.

<mac-tlv-receive>—Turn on mac-tlv receive processing.

<mac-tlv-send>—Turn on mac-tlv send processing.

<mesh-group>—Mesh-group under this VPLS instance.

<mtu>—MTU to be advertised for these Layer 2 circuits.

<neighbor>—Neighbor for this VPLS instance.

<no-mac-learning>—Disable dynamic MAC address learning.

<no-tunnel-services>—Do not use tunnel services for this VPLS instance.

<site>—Sites connected to this provider equipment.

<site-range>—Maximum site identifier in this VPLS domain.

<traceoptions>—Trace options for Layer 2 VPN and VPLS.

<tunnel-services>—Use tunnel services for this VPLS instance.

<vpls-id>—Identifier for this VPLS instance.

<l2vpn> (configuration/logical-systems/routing-instances/ instance/protocols/bgp/family)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <l2vpn>
                <signaling>...</signaling>
              </l2vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/logical-systems/routing-instances/ instance/protocols/bgp/group/family)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <l2vpn>
                  <signaling>...</signaling>
                </l2vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/logical-systems/routing-instances/ instance/protocols/bgp/group/neighbor/family)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <l2vpn>
                    <signaling>...</signaling>
                  </l2vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/protocols/bgp/family)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <family>
        <l2vpn>
          <signaling>...</signaling>
        </l2vpn>
      </family>
    </bgp>
  </protocols>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/protocols/bgp/group/family)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <l2vpn>
            <signaling>...</signaling>
          </l2vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/protocols/bgp/group/neighbor/family)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <l2vpn>
              <signaling>...</signaling>
            </l2vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/routing-instances/instance/protocols)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <l2vpn>
          <traceoptions>...</traceoptions>
          <encapsulation-type>encapsulation-type-choice</encapsulation-type>
          <control-word/>
          <site-range>site-range</site-range>
          <mac-table-size>...</mac-table-size>
          <interface-mac-limit>...</interface-mac-limit>
          <mac-table-aging-time>seconds</mac-table-aging-time>
          <no-mac-learning/>
          <mac-statistics/>
          <interface>...</interface>
          <tunnel-services>...</tunnel-services>
          <no-tunnel-services/>
          <site>...</site>
          <community>community</community>
          <vpls-id>vpls-id</vpls-id>
          <mtu>mtu</mtu>
          <ignore-mtu-mismatch/>
          <mac-tlv-receive/>
          <mac-tlv-send/>
          <ignore-encapsulation-mismatch/>
          <neighbor>...</neighbor>
          <mesh-group>...</mesh-group>
          <connectivity-type>connectivity-type-choice</connectivity-type>
        </l2vpn>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Layer 2 VPN configuration.

Contents <community>—Community associated with this VPLS instance.

<connectivity-type>—Specify type of interface sufficient to bring vpls connection up.

- ce—CE interface is required.
- irb—IRB interface is sufficient.

<control-word>—Add control word to the Layer 2 encapsulation.

<encapsulation-type>—Encapsulation type for VPN.

- atm-aal5—ATM AAL/5 encapsulation.
- atm-cell—ATM port promiscuous mode cell encapsulation.
- atm-cell-port-mode—ATM port promiscuous mode cell encapsulation.

- atm-cell-vc-mode—ATM non-promiscuous cell encapsulation.
- atm-cell-vp-mode—ATM VP promiscuous mode cell encapsulation.
- cesop—CESOP based Layer 2 VPN.
- cisco-hdlc—Cisco-compatible HDLC encapsulation.
- ethernet—Ethernet encapsulation.
- ethernet-vlan—Ethernet VLAN encapsulation.
- frame-relay—Frame Relay encapsulation.
- frame-relay-port-mode—Frame Relay port mode encapsulation.
- interworking—Layer 2.5 interworking VPN.
- ppp—PPP encapsulation.
- satop-e1—SATOP-E1 based Layer 2 VPN.
- satop-e3—SATOP-E3 based Layer 2 VPN.
- satop-t1—SATOP-T1 based Layer 2 VPN.
- satop-t3—SATOP-T3 based Layer 2 VPN.

<ignore-encapsulation-mismatch>—Allow different encapsulation types on local and remote end.

<ignore-mtu-mismatch>—Allow different MTU values on local and remote end.

<interface>—Interface that connect this site to the VPN.

<interface-mac-limit>—Maximum MAC address learned per interface.

<mac-statistics>—Enable MAC address statistics.

<mac-table-aging-time>—Delay for discarding MAC address if no updates are received.

<mac-table-size>—Size of MAC address forwarding table.

<mac-tlv-receive>—Turn on mac-tlv receive processing.

<mac-tlv-send>—Turn on mac-tlv send processing.

<mesh-group>—Mesh-group under this VPLS instance.

<mtu>—MTU to be advertised for these Layer 2 circuits.

<neighbor>—Neighbor for this VPLS instance.

<no-mac-learning>—Disable dynamic MAC address learning.

<no-tunnel-services>—Do not use tunnel services for this VPLS instance.

<site>—Sites connected to this provider equipment.

<site-range>—Maximum site identifier in this VPLS domain.

<traceoptions>—Trace options for Layer 2 VPN and VPLS.

<tunnel-services>—Use tunnel services for this VPLS instance.

<vpls-id>—Identifier for this VPLS instance.

<l2vpn> (configuration/routing-instances/instance/protocols/bgp/ family)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <l2vpn>
              <signaling>...</signaling>
            </l2vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/routing-instances/instance/protocols/bgp/ group/family)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <l2vpn>
                <signaling>...</signaling>
              </l2vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<l2vpn> (configuration/routing-instances/instance/protocols/bgp/ group/neighbor/family)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <l2vpn>
                  <signaling>...</signaling>
                </l2vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description MPLS-based Layer 2 VPN and VPLS NLRI parameters.

Contents <signaling>—Include Layer 2 VPN and VPLS signaling NLRI.

<label-map> (configuration/logical-systems/protocols/mpls/ interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <interface>
          <label-map>
            <name>name</name>     <!-- identifier -->
            <next-hop>next-hop</next-hop>
            <reject/>
            <discard/>
            <swap>swap</swap>
            <swap-label>swap-label</swap-label>
            <push-label>push-label</push-label>
            <pop/>
            <preference>preference</preference>
            <class-of-service>class-of-service</class-of-service>
          </label-map>
        </interface>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Label to match.

Contents <class-of-service>—Class-of-service value.

<discard>—Silently discard the packet.

<name>—Label value in range 1000000 through 1048575.

<next-hop>—Address or interface of next-hop router.

<pop>—Remove the label from the top of the label stack.

<preference>—Preference value.

<push-label>—Label value to push on top.

<reject>—Reject the packet.

<swap>—Remove and replace label from the top of the label stack.

<swap-label>—Label value to swap.

<label-map> (configuration/protocols/mpls/interface)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <interface>
        <label-map>
          <name>name</name>     <!-- identifier -->
          <next-hop>next-hop</next-hop>
          <reject/>
          <discard/>
          <swap>swap</swap>
          <swap-label>swap-label</swap-label>
          <push-label>push-label</push-label>
          <pop/>
          <preference>preference</preference>
          <class-of-service>class-of-service</class-of-service>
        </label-map>
      </interface>
    </mpls>
  </protocols>
</configuration>
```

Description Label to match.

Contents <class-of-service>—Class-of-service value.

<discard>—Silently discard the packet.

<name>—Label value in range 1000000 through 1048575.

<next-hop>—Address or interface of next-hop router.

<pop>—Remove the label from the top of the label stack.

<preference>—Preference value.

<push-label>—Label value to push on top.

<reject>—Reject the packet.

<swap>—Remove and replace label from the top of the label stack.

<swap-label>—Label value to swap.

<label-position> (configuration/services/flow-monitoring/ version9/template/ipv4-template/nexthop-options/mpls)

Usage

```
<configuration>
  <services>
    <flow-monitoring>
      <version9>
        <template>
          <ipv4-template>
            <nexthop-options>
              <mpls>
                <label-position>
                  <name>name</name>     <!-- identifier -->
                </label-position>
              </mpls>
            </nexthop-options>
          </ipv4-template>
        </template>
      </version9>
    </flow-monitoring>
  </services>
</configuration>
```

Description One or more MPLS label positions.

Contents <name>—One or more MPLS label positions.

<label-position> (configuration/services/flow-monitoring/ version9/template/mpls-ipv4-template)

Usage

```
<configuration>
  <services>
    <flow-monitoring>
      <version9>
        <template>
          <mpls-ipv4-template>
            <label-position>
              <name>name</name>     <!-- identifier -->
            </label-position>
          </mpls-ipv4-template>
        </template>
      </version9>
    </flow-monitoring>
  </services>
</configuration>
```

Description One or more MPLS label positions.

Contents <name>—One or more MPLS label positions.

<label-position> (configuration/services/flow-monitoring/ version9/template/mpls-template)

Usage

```
<configuration>
  <services>
    <flow-monitoring>
      <version9>
        <template>
          <mpls-template>
            <label-position>
              <name>name</name>     <!-- identifier -->
            </label-position>
          </mpls-template>
        </template>
      </version9>
    </flow-monitoring>
  </services>
</configuration>
```

Description One or more MPLS label positions.

Contents <name>—One or more MPLS label positions.

<label-switched-path> (configuration/logical-systems/protocols/ isis)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <label-switched-path>
          <name>name</name>     <!-- identifier -->
          <level>...</level>
        </label-switched-path>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <level>—Level to advertise this label-switched path.

<name>—Name of label-switched path to be advertised.

<label-switched-path> (configuration/logical-systems/protocols/ link-management/te-link)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <link-management>
        <te-link>
          <label-switched-path>
            <name>name</name>     <!-- identifier -->
            <local-address>local-address</local-address>
            <remote-address>remote-address</remote-address>
            <remote-id>remote-id</remote-id>
            <disable/>
          </label-switched-path>
        </te-link>
      </link-management>
    </protocols>
  </logical-systems>
</configuration>
```

Description Member forwarding adjacency LSP of TE link.

Contents <disable>—Disable resource on this TE link.

<local-address>—Local address of the resource.

<name>—Name of label-switched path.

<remote-address>—Remote address of the resource.

<remote-id>—Interface ID for the remote end of the resource.

<label-switched-path> (configuration/logical-systems/protocols/ mpls)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <label-switched-path>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <traceoptions>...</traceoptions>
          <no-install-to-address/>
          <from>from</from>
          <to>to</to>
          <template/>
          <ldp-tunneling/>
          <metric>metric</metric>
          <soft-preemption/>
          <install>...</install>
          <retry-timer>seconds</retry-timer>
          <retry-limit>retry-limit</retry-limit>
          <lsp-attributes>...</lsp-attributes>
          <revert-timer>seconds</revert-timer>
          <bandwidth>...</bandwidth>
          <class-of-service>class-of-service</class-of-service>
          <no-decrement-ttl/>
          <hop-limit>hop-limit</hop-limit>
          <no-cspf/>
          <admin-down/>
          <optimize-timer>seconds</optimize-timer>
          <preference>preference</preference>
          <setup-priority>setup-priority</setup-priority>
          <reservation-priority>reservation-priority</reservation-priority>
          <record/>
          <standby/>
          <admin-group>...</admin-group>
          <oam>...</oam>
          <random/>
          <least-fill/>
          <most-fill/>
          <description>description</description>
          <link-protection/>
          <node-link-protection/>
          <adaptive/>
          <fast-reroute>...</fast-reroute>
          <p2mp>...</p2mp>
          <auto-bandwidth>...</auto-bandwidth>
          <primary>...</primary>
          <secondary>...</secondary>
          <policing>...</policing>
          <associate-backup-pe-groups/>
        </label-switched-path>
      </mpls>
    </protocols>
```

```
  </logical-systems>
</configuration>
```

Description Label-switched path.

Contents <adaptive>—Have the LSP smoothly cut over to new routes.

<admin-down>—Keep the LSP in administrative down state.

<admin-group>—Administrative group policy.

<associate-backup-pe-groups>—Associate this LSP with backup-pe groups.

<auto-bandwidth>—Do auto bandwidth allocation for this LSP.

<bandwidth>—Bandwidth to reserve (bps).

<class-of-service>—Class-of-service value.

<description>—Text description of label-switched path.

<disable>—Disable MPLS label-switched path.

<fast-reroute>—Fast reroute.

<from>—Address of ingress router.

<hop-limit>—Maximum allowed router hops.

<install>—Install prefix.

<ldp-tunneling>—Allow LDP to use this LSP for tunneling.

<least-fill>—Select the least filled among equal-cost paths.

<link-protection>—Protect LSP from link faults only.

<lsp-attributes>—Attributes for generalized LSP.

<metric>—Metric value.

<most-fill>—Select the most filled among equal-cost paths.

<name>—Name of path.

<no-cspf>—Disable automatic path computation.

<no-decrement-ttl>—Do not decrement the TTL within an LSP.

<no-install-to-address>—Don't install host route 'to' address into routing tables.

<node-link-protection>—Protect LSP from both link and node faults.

<oam>—Periodic OAM.

<optimize-timer>—Periodical path reoptimizations.

<p2mp>—Point-to-multipoint label-switched path.

<policing>—Traffic policing for this LSP.

<preference>—Preference value.

<primary>—Preferred path.

<random>—Randomly select among equal-cost paths.

<record>—Record transit routers.

<reservation-priority>—Reservation priority.

<retry-limit>—Maximum number of times to retry primary path.

<retry-timer>—Time before retrying the primary path.

<revert-timer>—Hold-down window before reverting back to primary path, 0 means disable.

<secondary>—Backup path.

<setup-priority>—Set-up priority.

<soft-preemption>—Attempt make-before-break service while preempting this LSP.

<standby>—Keep backup paths in continuous standby.

<template>—Template for dynamic lsp paramaters.

<to>—Address of egress router.

<traceoptions>—Trace options for MPLS label-switched path.

<label-switched-path> (configuration/logical-systems/protocols/ospf/area)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf>
        <area>
          <label-switched-path>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <metric>metric</metric>
            <topology>...</topology>
          </label-switched-path>
        </area>
      </ospf>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/logical-systems/protocols/ ospf3/area)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <area>
          <label-switched-path>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <metric>metric</metric>
            <topology>...</topology>
          </label-switched-path>
        </area>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/logical-systems/protocols/ospf3/realm/area)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <realm>
          <area>
            <label-switched-path>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <metric>metric</metric>
              <topology>...</topology>
            </label-switched-path>
          </area>
        </realm>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/logical-systems/ routing-instances/instance/protocols/isis)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <label-switched-path>
              <name>name</name>     <!-- identifier -->
              <level>...</level>
            </label-switched-path>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <level>—Level to advertise this label-switched path.

<name>—Name of label-switched path to be advertised.

<label-switched-path> (configuration/logical-systems/ routing-instances/instance/protocols/ospf/area)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <area>
              <label-switched-path>
                <name>name</name>     <!-- identifier -->
                <disable/>
                <metric>metric</metric>
                <topology>...</topology>
              </label-switched-path>
            </area>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/area)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <label-switched-path>
                <name>name</name>     <!-- identifier -->
                <disable/>
                <metric>metric</metric>
                <topology>...</topology>
              </label-switched-path>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/realm/area)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <realm>
              <area>
                <label-switched-path>
                  <name>name</name>     <!-- identifier -->
                  <disable/>
                  <metric>metric</metric>
                  <topology>...</topology>
                </label-switched-path>
              </area>
            </realm>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/protocols/isis)

Usage

```
<configuration>
  <protocols>
    <isis>
      <label-switched-path>
        <name>name</name>     <!-- identifier -->
        <level>...</level>
      </label-switched-path>
    </isis>
  </protocols>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <level>—Level to advertise this label-switched path.

<name>—Name of label-switched path to be advertised.

<label-switched-path> (configuration/protocols/link-management/ te-link)

Usage

```
<configuration>
  <protocols>
    <link-management>
      <te-link>
        <label-switched-path>
          <name>name</name>     <!-- identifier -->
          <local-address>local-address</local-address>
          <remote-address>remote-address</remote-address>
          <remote-id>remote-id</remote-id>
          <disable/>
        </label-switched-path>
      </te-link>
    </link-management>
  </protocols>
</configuration>
```

Description Member forwarding adjacency LSP of TE link.

Contents <disable>—Disable resource on this TE link.

<local-address>—Local address of the resource.

<name>—Name of label-switched path.

<remote-address>—Remote address of the resource.

<remote-id>—Interface ID for the remote end of the resource.

<label-switched-path> (configuration/protocols/mpls)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <label-switched-path>
        <name>name</name>     <!-- identifier -->
        <disable/>
        <traceoptions>...</traceoptions>
        <no-install-to-address/>
        <from>from</from>
        <to>to</to>
        <template/>
        <ldp-tunneling/>
        <metric>metric</metric>
        <soft-preemption/>
        <install>...</install>
        <retry-timer>seconds</retry-timer>
        <retry-limit>retry-limit</retry-limit>
        <lsp-attributes>...</lsp-attributes>
        <revert-timer>seconds</revert-timer>
        <bandwidth>...</bandwidth>
        <class-of-service>class-of-service</class-of-service>
        <no-decrement-ttl/>
        <hop-limit>hop-limit</hop-limit>
        <no-cspf/>
        <admin-down/>
        <optimize-timer>seconds</optimize-timer>
        <preference>preference</preference>
        <setup-priority>setup-priority</setup-priority>
        <reservation-priority>reservation-priority</reservation-priority>
        <record/>
        <standby/>
        <admin-group>...</admin-group>
        <oam>...</oam>
        <random/>
        <least-fill/>
        <most-fill/>
        <description>description</description>
        <link-protection/>
        <node-link-protection/>
        <adaptive/>
        <fast-reroute>...</fast-reroute>
        <p2mp>...</p2mp>
        <auto-bandwidth>...</auto-bandwidth>
        <primary>...</primary>
        <secondary>...</secondary>
        <policing>...</policing>
        <associate-backup-pe-groups/>
      </label-switched-path>
    </mpls>
  </protocols>
</configuration>
```

Description Label-switched path.

Contents <adaptive>—Have the LSP smoothly cut over to new routes.

<admin-down>—Keep the LSP in administrative down state.

<admin-group>—Administrative group policy.

<associate-backup-pe-groups>—Associate this LSP with backup-pe groups.

<auto-bandwidth>—Do auto bandwidth allocation for this LSP.

<bandwidth>—Bandwidth to reserve (bps).

<class-of-service>—Class-of-service value.

<description>—Text description of label-switched path.

<disable>—Disable MPLS label-switched path.

<fast-reroute>—Fast reroute.

<from>—Address of ingress router.

<hop-limit>—Maximum allowed router hops.

<install>—Install prefix.

<ldp-tunneling>—Allow LDP to use this LSP for tunneling.

<least-fill>—Select the least filled among equal-cost paths.

<link-protection>—Protect LSP from link faults only.

<lsp-attributes>—Attributes for generalized LSP.

<metric>—Metric value.

<most-fill>—Select the most filled among equal-cost paths.

<name>—Name of path.

<no-cspf>—Disable automatic path computation.

<no-decrement-ttl>—Do not decrement the TTL within an LSP.

<no-install-to-address>—Don't install host route 'to' address into routing tables.

<node-link-protection>—Protect LSP from both link and node faults.

<oam>—Periodic OAM.

<optimize-timer>—Periodical path reoptimizations.

<p2mp>—Point-to-multipoint label-switched path.

<policing>—Traffic policing for this LSP.

<preference>—Preference value.

<primary>—Preferred path.

<random>—Randomly select among equal-cost paths.

<record>—Record transit routers.

<reservation-priority>—Reservation priority.

<retry-limit>—Maximum number of times to retry primary path.

<retry-timer>—Time before retrying the primary path.

<revert-timer>—Hold-down window before reverting back to primary path, 0 means disable.

<secondary>—Backup path.

<setup-priority>—Set-up priority.

<soft-preemption>—Attempt make-before-break service while preempting this LSP.

<standby>—Keep backup paths in continuous standby.

<template>—Template for dynamic lsp paramaters.

<to>—Address of egress router.

<traceoptions>—Trace options for MPLS label-switched path.

<label-switched-path> (configuration/protocols/ospf/area)

Usage

```
<configuration>
  <protocols>
    <ospf>
      <area>
        <label-switched-path>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <metric>metric</metric>
          <topology>...</topology>
        </label-switched-path>
      </area>
    </ospf>
  </protocols>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/protocols/ospf3/area)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <area>
        <label-switched-path>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <metric>metric</metric>
          <topology>...</topology>
        </label-switched-path>
      </area>
    </ospf3>
  </protocols>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/protocols/ospf3/realm/area)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <realm>
        <area>
          <label-switched-path>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <metric>metric</metric>
            <topology>...</topology>
          </label-switched-path>
        </area>
      </realm>
    </ospf3>
  </protocols>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/routing-instances/instance/protocols/isis)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <label-switched-path>
            <name>name</name>     <!-- identifier -->
            <level>...</level>
          </label-switched-path>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <level>—Level to advertise this label-switched path.

<name>—Name of label-switched path to be advertised.

<label-switched-path> (configuration/routing-instances/instance/ protocols/ospf/area)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <label-switched-path>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <metric>metric</metric>
              <topology>...</topology>
            </label-switched-path>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/routing-instances/instance/ protocols/ospf3/area)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <area>
            <label-switched-path>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <metric>metric</metric>
              <topology>...</topology>
            </label-switched-path>
          </area>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path> (configuration/routing-instances/instance/ protocols/ospf3/realm/area)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <label-switched-path>
                <name>name</name>     <!-- identifier -->
                <disable/>
                <metric>metric</metric>
                <topology>...</topology>
              </label-switched-path>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configuration for advertisement of a label-switched path.

Contents <disable>—Disable OSPF on this label-switched path.

<metric>—Interface metric.

<name>—Name of label-switched path to be advertised.

<topology>—Topology specific attributes.

<label-switched-path-template> (configuration/logical-systems/ routing-instances/instance/provider-tunnel/rsvp-te)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <provider-tunnel>
          <rsvp-te>
            <label-switched-path-template>
              <template-name>template-name</template-name>
              <default-template/>
            </label-switched-path-template>
          </rsvp-te>
        </provider-tunnel>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Template for dynamic point-to-multipoint LSP parameters.

Contents <default-template>—Use default parameters.

<template-name>—Name of point-to-multipoint LSP template.

<label-switched-path-template> (configuration/logical-systems/ routing-instances/instance/provider-tunnel/selective/group/ source/rsvp-te)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <provider-tunnel>
          <selective>
            <group>
              <source>
                <rsvp-te>
                  <label-switched-path-template>
                    <template-name>template-name</template-name>
                    <default-template/>
                  </label-switched-path-template>
                </rsvp-te>
              </source>
            </group>
          </selective>
        </provider-tunnel>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Template for dynamic point-to-multipoint LSP parameters.

Contents <default-template>—Use default parameters.

<template-name>—Name of point-to-multipoint LSP template.

<label-switched-path-template> (configuration/routing-instances/ instance/provider-tunnel/rsvp-te)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <provider-tunnel>
        <rsvp-te>
          <label-switched-path-template>
            <template-name>template-name</template-name>
            <default-template/>
          </label-switched-path-template>
        </rsvp-te>
      </provider-tunnel>
    </instance>
  </routing-instances>
</configuration>
```

Description Template for dynamic point-to-multipoint LSP parameters.

Contents <default-template>—Use default parameters.

<template-name>—Name of point-to-multipoint LSP template.

<label-switched-path-template> (configuration/routing-instances/ instance/provider-tunnel/selective/group/source/rsvp-te)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <provider-tunnel>
        <selective>
          <group>
            <source>
              <rsvp-te>
                <label-switched-path-template>
                  <template-name>template-name</template-name>
                  <default-template/>
                </label-switched-path-template>
              </rsvp-te>
            </source>
          </group>
        </selective>
      </provider-tunnel>
    </instance>
  </routing-instances>
</configuration>
```

Description Template for dynamic point-to-multipoint LSP parameters.

Contents <default-template>—Use default parameters.

<template-name>—Name of point-to-multipoint LSP template.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ family/inet)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet>
            <labeled-unicast>
              <prefix-limit>...</prefix-limit>
              <accepted-prefix-limit>...</accepted-prefix-limit>
              <rib-group>...</rib-group>
              <aggregate-label>...</aggregate-label>
              <per-group-label/>
              <traffic-statistics>...</traffic-statistics>
              <rib>...</rib>
              <explicit-null>...</explicit-null>
              <resolve-vpn/>
            </labeled-unicast>
          </inet>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ family/inet6)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet6>
            <labeled-unicast>
              <prefix-limit>...</prefix-limit>
              <accepted-prefix-limit>...</accepted-prefix-limit>
              <rib-group>...</rib-group>
              <aggregate-label>...</aggregate-label>
              <per-group-label/>
              <traffic-statistics>...</traffic-statistics>
              <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
            </labeled-unicast>
          </inet6>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ group/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <rib>...</rib>
                <explicit-null>...</explicit-null>
                <resolve-vpn/>
              </labeled-unicast>
            </inet>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

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<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ group/family/inet6)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet6>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
              </labeled-unicast>
            </inet6>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ group/neighbor/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <rib>...</rib>
                  <explicit-null>...</explicit-null>
                  <resolve-vpn/>
                </labeled-unicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/protocols/bgp/ group/neighbor/family/inet6)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                </labeled-unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <rib>...</rib>
                  <explicit-null>...</explicit-null>
                  <resolve-vpn/>
                </labeled-unicast>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/family/inet6)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                </labeled-unicast>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <labeled-unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                    <per-group-label/>
                    <traffic-statistics>...</traffic-statistics>
                    <rib>...</rib>
                    <explicit-null>...</explicit-null>
                    <resolve-vpn/>
                  </labeled-unicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/family/inet6)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <labeled-unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                    <per-group-label/>
                    <traffic-statistics>...</traffic-statistics>
                    <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                  </labeled-unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/neighbor/family/ inet)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <labeled-unicast>
                      <prefix-limit>...</prefix-limit>
                      <accepted-prefix-limit>...</accepted-prefix-limit>
                      <rib-group>...</rib-group>
                      <aggregate-label>...</aggregate-label>
                      <per-group-label/>
                      <traffic-statistics>...</traffic-statistics>
                      <rib>...</rib>
                      <explicit-null>...</explicit-null>
                      <resolve-vpn/>
                    </labeled-unicast>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/neighbor/family/ inet6)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <labeled-unicast>
                      <prefix-limit>...</prefix-limit>
                      <accepted-prefix-limit>...</accepted-prefix-limit>
                      <rib-group>...</rib-group>
                      <aggregate-label>...</aggregate-label>
                      <per-group-label/>
                      <traffic-statistics>...</traffic-statistics>
                      <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                    </labeled-unicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/family/inet)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <family>
        <inet>
          <labeled-unicast>
            <prefix-limit>...</prefix-limit>
            <accepted-prefix-limit>...</accepted-prefix-limit>
            <rib-group>...</rib-group>
            <aggregate-label>...</aggregate-label>
            <per-group-label/>
            <traffic-statistics>...</traffic-statistics>
            <rib>...</rib>
            <explicit-null>...</explicit-null>
            <resolve-vpn/>
          </labeled-unicast>
        </inet>
      </family>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/family/inet6)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <family>
        <inet6>
          <labeled-unicast>
            <prefix-limit>...</prefix-limit>
            <accepted-prefix-limit>...</accepted-prefix-limit>
            <rib-group>...</rib-group>
            <aggregate-label>...</aggregate-label>
            <per-group-label/>
            <traffic-statistics>...</traffic-statistics>
            <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
          </labeled-unicast>
        </inet6>
      </family>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/group/family/inet)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet>
            <labeled-unicast>
              <prefix-limit>...</prefix-limit>
              <accepted-prefix-limit>...</accepted-prefix-limit>
              <rib-group>...</rib-group>
              <aggregate-label>...</aggregate-label>
              <per-group-label/>
              <traffic-statistics>...</traffic-statistics>
              <rib>...</rib>
              <explicit-null>...</explicit-null>
              <resolve-vpn/>
            </labeled-unicast>
          </inet>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/group/family/ inet6)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet6>
            <labeled-unicast>
              <prefix-limit>...</prefix-limit>
              <accepted-prefix-limit>...</accepted-prefix-limit>
              <rib-group>...</rib-group>
              <aggregate-label>...</aggregate-label>
              <per-group-label/>
              <traffic-statistics>...</traffic-statistics>
              <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
            </labeled-unicast>
          </inet6>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/group/neighbor/ family/inet)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <rib>...</rib>
                <explicit-null>...</explicit-null>
                <resolve-vpn/>
              </labeled-unicast>
            </inet>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

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<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/protocols/bgp/group/neighbor/ family/inet6)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
              </labeled-unicast>
            </inet6>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/family/inet)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <rib>...</rib>
                <explicit-null>...</explicit-null>
                <resolve-vpn/>
              </labeled-unicast>
            </inet>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/family/inet6)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6>
              <labeled-unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
                <per-group-label/>
                <traffic-statistics>...</traffic-statistics>
                <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
              </labeled-unicast>
            </inet6>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/group/family/inet)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <rib>...</rib>
                  <explicit-null>...</explicit-null>
                  <resolve-vpn/>
                </labeled-unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/group/family/inet6)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                  <per-group-label/>
                  <traffic-statistics>...</traffic-statistics>
                  <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                </labeled-unicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/group/neighbor/family/inet)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <labeled-unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                    <per-group-label/>
                    <traffic-statistics>...</traffic-statistics>
                    <rib>...</rib>
                    <explicit-null>...</explicit-null>
                    <resolve-vpn/>
                  </labeled-unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<resolve-vpn>—Install received NLRI in inet.3 also.

<rib>—Select table used by labeled unicast routes.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<labeled-unicast> (configuration/routing-instances/instance/ protocols/bgp/group/neighbor/family/inet6)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <labeled-unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                    <per-group-label/>
                    <traffic-statistics>...</traffic-statistics>
                    <explicit-null>explicit-null</explicit-null>     <!-- mandatory -->
                  </labeled-unicast>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Include labeled unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.

<aggregate-label>—Aggregate labels of incoming routes with the same FEC.

<explicit-null>—Advertise explicit null.

<per-group-label>—Advertise prefixes with unique labels per group.

<prefix-limit>—Limit maximum number of prefixes from a peer.

<rib-group>—Routing table group.

<traffic-statistics>—Collect statistics for BGP label-switched paths.

<lacp> (configuration/chassis/aggregated-devices/ethernet)

Usage

```
<configuration>
  <chassis>
    <aggregated-devices>
      <ethernet>
        <lacp>
          <system-priority>system-priority</system-priority>
          <link-protection>...</link-protection>
        </lacp>
      </ethernet>
    </aggregated-devices>
  </chassis>
</configuration>
```

Description Global Link Aggregation Control Protocol configuration.

Contents <link-protection>—No documentation is available yet.

<system-priority>—Priority of the system.

<lacp> (configuration/dynamic-profiles/interfaces/interface/ aggregated-ether-options)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <aggregated-ether-options>
          <lacp>
            <active/>
            <passive/>
            <periodic>periodic-choice</periodic>
            <link-protection>...</link-protection>
            <system-priority>system-priority</system-priority>
          </lacp>
        </aggregated-ether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <active>—Initiate transmission of LACP packets.

<link-protection>—No documentation is available yet.

<passive>—Respond to LACP packets.

<periodic>—Timer interval for periodic transmission of LACP packets.

- fast—Transmit packets every second.
- slow—Transmit packets every 30 seconds.

<system-priority>—Priority of the system.

<lacp> (configuration/dynamic-profiles/interfaces/interface/ fastether-options/ieee-802.3ad)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <fastether-options>
          <ieee-802.3ad>
            <lacp>
              <port-priority>port-priority</port-priority>
            </lacp>
          </ieee-802.3ad>
        </fastether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <port-priority>—Priority of the port (0 ... 65535).

<lacp> (configuration/dynamic-profiles/interfaces/interface/ gigether-options/ieee-802.3ad)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <gigether-options>
          <ieee-802.3ad>
            <lacp>
              <port-priority>port-priority</port-priority>
            </lacp>
          </ieee-802.3ad>
        </gigether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <port-priority>—Priority of the port (0 ... 65535).

<lacp> (configuration/interfaces/interface/ aggregated-ether-options)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <aggregated-ether-options>
        <lacp>
          <active/>
          <passive/>
          <periodic>periodic-choice</periodic>
          <link-protection>...</link-protection>
          <system-priority>system-priority</system-priority>
        </lacp>
      </aggregated-ether-options>
    </interface>
  </interfaces>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <active>—Initiate transmission of LACP packets.

<link-protection>—No documentation is available yet.

<passive>—Respond to LACP packets.

<periodic>—Timer interval for periodic transmission of LACP packets.

- fast—Transmit packets every second.
- slow—Transmit packets every 30 seconds.

<system-priority>—Priority of the system.

<lacp> (configuration/interfaces/interface/fastether-options/ ieee-802.3ad)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <fastether-options>
        <ieee-802.3ad>
          <lacp>
            <port-priority>port-priority</port-priority>
          </lacp>
        </ieee-802.3ad>
      </fastether-options>
    </interface>
  </interfaces>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <port-priority>—Priority of the port (0 ... 65535).

<lacp> (configuration/interfaces/interface/gigether-options/ ieee-802.3ad)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <gigether-options>
        <ieee-802.3ad>
          <lacp>
            <port-priority>port-priority</port-priority>
          </lacp>
        </ieee-802.3ad>
      </gigether-options>
    </interface>
  </interfaces>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <port-priority>—Priority of the port (0 ... 65535).

<lacp> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <lacp>
        <traceoptions>...</traceoptions>
      </lacp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <traceoptions>—LACP trace options.

<lacp> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <lacp>
      <traceoptions>...</traceoptions>
    </lacp>
  </protocols>
</configuration>
```

Description Link Aggregation Control Protocol configuration.

Contents <traceoptions>—LACP trace options.

<larscom> (configuration/dynamic-profiles/interfaces/interface/t3-options/compatibility-mode)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <t3-options>
          <compatibility-mode>
            <larscom>
              <subrate>subrate</subrate>
            </larscom>
          </compatibility-mode>
        </t3-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Compatible with Larscom CSU.

Contents <subrate>—Set subrate value.

<larscom> (configuration/interfaces/interface/t3-options/ compatibility-mode)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <t3-options>
        <compatibility-mode>
          <larscom>
            <subrate>subrate</subrate>
          </larscom>
        </compatibility-mode>
      </t3-options>
    </interface>
  </interfaces>
</configuration>
```

Description Compatible with Larscom CSU.

Contents <subrate>—Set subrate value.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <prefix-list-filter>
              <as-path-expand>
                <last-as>
                  <count>count</count>
                </last-as>
              </as-path-expand>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <as-path-expand>
                <last-as>
                  <count>count</count>
                </last-as>
              </as-path-expand>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <source-address-filter>
              <as-path-expand>
                <last-as>
                  <count>count</count>
                </last-as>
              </as-path-expand>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/term/then/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/logical-systems/policy-options/ policy-statement/then/as-path-expand)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <as-path-expand>
            <last-as>
              <count>count</count>
            </last-as>
          </as-path-expand>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/from/ prefix-list-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <as-path-expand>
            <last-as>
              <count>count</count>
            </last-as>
          </as-path-expand>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/from/ route-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <as-path-expand>
            <last-as>
              <count>count</count>
            </last-as>
          </as-path-expand>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/from/ source-address-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <as-path-expand>
            <last-as>
              <count>count</count>
            </last-as>
          </as-path-expand>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/term/ from/route-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/term/ from/source-address-filter/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <as-path-expand>
              <last-as>
                <count>count</count>
              </last-as>
            </as-path-expand>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/term/ then/as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <as-path-expand>
            <last-as>
              <count>count</count>
            </last-as>
          </as-path-expand>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<last-as> (configuration/policy-options/policy-statement/then/ as-path-expand)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <as-path-expand>
          <last-as>
            <count>count</count>
          </last-as>
        </as-path-expand>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Prepend last AS.

Contents <count>—Repeat count.

<layer-3> (configuration/forwarding-options/hash-key/family/inet)

Usage

```
<configuration>
  <forwarding-options>
    <hash-key>
      <family>
        <inet>
          <layer-3>
            <destination-address/>
          </layer-3>
        </inet>
      </family>
    </hash-key>
  </forwarding-options>
</configuration>
```

Description Include Layer 3 (IP) data in the hash key.

Contents <destination-address>—Include IP destination address in the hash key.

<layer-3> (configuration/logical-systems/routing-instances/ instance/forwarding-options/hash-key/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <hash-key>
            <family>
              <inet>
                <layer-3>
                  <destination-address/>
                </layer-3>
              </inet>
            </family>
          </hash-key>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include Layer 3 (IP) data in the hash key.

Contents <destination-address>—Include IP destination address in the hash key.

<layer-3> (configuration/routing-instances/instance/ forwarding-options/hash-key/family/inet)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <hash-key>
          <family>
            <inet>
              <layer-3>
                <destination-address/>
              </layer-3>
            </inet>
          </family>
        </hash-key>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Include Layer 3 (IP) data in the hash key.

Contents <destination-address>—Include IP destination address in the hash key.

<layer2-control> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <layer2-control>
        <traceoptions>...</traceoptions>
        <rstp-vs-interconnect/>
        <nonstop-bridging/>
        <mac-rewrite>...</mac-rewrite>
      </layer2-control>
    </protocols>
  </logical-systems>
</configuration>
```

Description Global options for layer 2 protocols.

Contents <mac-rewrite>—Mac rewrite functionality.

<nonstop-bridging>—Enable nonstop operation.

<rstp-vs-interconnect>—Permit interconnection of RTSP virtual switches.

<traceoptions>—Global tracing options for STP.

<layer2-control> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <layer2-control>
      <traceoptions>...</traceoptions>
      <rstp-vs-interconnect/>
      <nonstop-bridging/>
      <mac-rewrite>...</mac-rewrite>
    </layer2-control>
  </protocols>
</configuration>
```

Description Global options for layer 2 protocols.

Contents <mac-rewrite>—Mac rewrite functionality.

<nonstop-bridging>—Enable nonstop operation.

<rstp-vs-interconnect>—Permit interconnection of RTSP virtual switches.

<traceoptions>—Global tracing options for STP.

<layer2-policer> (configuration/dynamic-profiles/interfaces/ interface/unit)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <layer2-policer>
            <input-policer>input-policer</input-policer>
            <input-three-color>input-three-color</input-three-color>
            <output-policer>output-policer</output-policer>
            <output-three-color>output-three-color</output-three-color>
          </layer2-policer>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Layer2 policing for logical interface.

Contents <input-policer>—Two-color policer for received packets.

<input-three-color>—Color-blind three-color policer for received packets.

<output-policer>—Two-color policer for transmitted packets.

<output-three-color>—Three-color policer for transmitted packets.

<layer2-policer> (configuration/interfaces/interface/unit)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <layer2-policer>
          <input-policer>input-policer</input-policer>
          <input-three-color>input-three-color</input-three-color>
          <output-policer>output-policer</output-policer>
          <output-three-color>output-three-color</output-three-color>
        </layer2-policer>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Layer2 policing for logical interface.

Contents <input-policer>—Two-color policer for received packets.

<input-three-color>—Color-blind three-color policer for received packets.

<output-policer>—Two-color policer for transmitted packets.

<output-three-color>—Three-color policer for transmitted packets.

<layer2-policer> (configuration/logical-systems/interfaces/ interface/unit)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <layer2-policer>
            <input-policer>input-policer</input-policer>
            <input-three-color>input-three-color</input-three-color>
            <output-policer>output-policer</output-policer>
            <output-three-color>output-three-color</output-three-color>
          </layer2-policer>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Layer2 policing for logical interface.

Contents <input-policer>—Two-color policer for received packets.

<input-three-color>—Color-blind three-color policer for received packets.

<output-policer>—Two-color policer for transmitted packets.

<output-three-color>—Three-color policer for transmitted packets.

<lcc> (configuration/chassis)

Usage

```
<configuration>
  <chassis>
    <lcc>
      <name>name</name>     <!-- identifier -->
      <fpc>...</fpc>
      <online-expected/>
      <offline/>
    </lcc>
  </chassis>
</configuration>
```

Description Line-card chassis configuration.

Contents <fpc>—Flexible PIC Concentrator parameters.

<name>—LCC number.

<offline>—LCC is expected to be offline.

<online-expected>—LCC is expected to be online.

<lcc> (configuration/system/location)

Usage

```
<configuration>
  <system>
    <location>
      <lcc>
        <name>name</name>     <!-- identifier -->
        <floor>floor</floor>
        <rack>rack</rack>
      </lcc>
    </location>
  </system>
</configuration>
```

Description Line-card chassis location.

Contents <floor>—Floor of the building.

<name>—LCC number.

<rack>—Rack number.

<lcd> (configuration/chassis)

Usage

```
<configuration>
  <chassis>
    <lcd>
      <fpc>...</fpc>
    </lcd>
  </chassis>
</configuration>
```

Description Chassis LCD.

Contents <fpc>—No documentation is available yet.

<lcdp> (configuration/dynamic-profiles/interfaces/interface/ sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <lcdp>
              <ignore/>
              <hold-time>...</hold-time>
            </lcdp>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LCD-P defect trigger (Ethernet WAN only).

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<lcdp> (configuration/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <lcdp>
            <ignore/>
            <hold-time>...</hold-time>
          </lcdp>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LCD-P defect trigger (Ethernet WAN only).

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<ldap-options> (configuration/access)

Usage

```
<configuration>
  <access>
    <ldap-options>
      <revert-interval>seconds</revert-interval>
      <base-distinguished-name>base-distinguished-name
                </base-distinguished-name>     <!-- mandatory -->
      <assemble>...</assemble>
      <search>...</search>
    </ldap-options>
  </access>
</configuration>
```

Description Lightweight Directory Access Protocol options.

Contents <assemble>—Derive user distinguished name from 'common-name' and 'base-distinguished-name'.

<base-distinguished-name>—Suffix when assembling user distinguished name (DN) or base DN under which to search for user DN.

<revert-interval>—Time after which to revert to primary server.

<search>—Search for user's distinguished name.

<ldap-options> (configuration/access/profile)

Usage

```
<configuration>
  <access>
    <profile>
      <ldap-options>
        <revert-interval>seconds</revert-interval>
        <base-distinguished-name>base-distinguished-name
                </base-distinguished-name>     <!-- mandatory -->
        <assemble>...</assemble>
        <search>...</search>
      </ldap-options>
    </profile>
  </access>
</configuration>
```

Description Lightweight Directory Access Protocol options.

Contents <assemble>—Derive user distinguished name from 'common-name' and 'base-distinguished-name'.

<base-distinguished-name>—Suffix when assembling user distinguished name (DN) or base DN under which to search for user DN.

<revert-interval>—Time after which to revert to primary server.

<search>—Search for user's distinguished name.

<ldap-server> (configuration/access)

Usage

```
<configuration>
  <access>
    <ldap-server>
      <name>name</name>     <!-- identifier -->
      <port>port</port>
      <source-address>source-address</source-address>
      <routing-instance>routing-instance</routing-instance>
      <retry>retry</retry>
      <timeout>seconds</timeout>
    </ldap-server>
  </access>
</configuration>
```

Description Lightweight Directory Access Protocol server options.

Contents <name>—Hostname or IPv4 address of LDAP server.

<port>—LDAP server port number.

<retry>—Number of times to resend requests.

<routing-instance>—Use specified routing instance.

<source-address>—Use specified address as source address.

<timeout>—Delay before resending unacknowledged request.

<ldap-server> (configuration/access/profile)

Usage

```
<configuration>
  <access>
    <profile>
      <ldap-server>
        <name>name</name>     <!-- identifier -->
        <port>port</port>
        <source-address>source-address</source-address>
        <routing-instance>routing-instance</routing-instance>
        <retry>retry</retry>
        <timeout>seconds</timeout>
      </ldap-server>
    </profile>
  </access>
</configuration>
```

Description Lightweight Directory Access Protocol server.

Contents <name>—Hostname or IPv4 address of LDAP server.

<port>—LDAP server port number.

<retry>—Number of times to resend requests.

<routing-instance>—Use specified routing instance.

<source-address>—Use specified address as source address.

<timeout>—Delay before resending unacknowledged request.

<ldp> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ldp>
        <traceoptions>...</traceoptions>
        <traffic-statistics>...</traffic-statistics>
        <graceful-restart>...</graceful-restart>
        <preference>preference</preference>
        <no-forwarding/>
        <l2-smart-policy/>
        <track-igp-metric/>
        <strict-targeted-hellos/>
        <import>...</import>
        <export>...</export>
        <egress-policy>...</egress-policy>
        <next-hop>...</next-hop>
        <deaggregate/>
        <explicit-null/>
        <label-withdrawal-delay>seconds</label-withdrawal-delay>
        <transport-address>...</transport-address>
        <keepalive-interval>keepalive-interval</keepalive-interval>
        <keepalive-timeout>keepalive-timeout</keepalive-timeout>
        <interface>...</interface>
        <session>...</session>
        <session-protection>...</session-protection>
        <log-updown>...</log-updown>
        <policing>...</policing>
        <oam>...</oam>
      </ldp>
    </protocols>
  </logical-systems>
</configuration>
```

Description LDP options.

Contents <deaggregate>—Deaggregate FECs into separate labels.

<egress-policy>—Configure LSP egress policy.

<explicit-null>—Advertise the EXPLICIT_NULL label for egress FECs.

<export>—Export policy.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy.

<interface>—Enable LDP on this interface.

<keepalive-interval>—Keepalive interval (seconds).

<keepalive-timeout>—Keepalive timeout (seconds).

<l2-smart-policy>—Do not export or import Layer 3 FECs for Layer 2 sessions.

<label-withdrawal-delay>—Delay label withdrawal for FECs to avoid label churn.

<log-updown>—Logging actions for LSP up/down events.

<next-hop>—LDP next-hop control.

<no-forwarding>—Do not use LDP ingress routes for forwarding.

<oam>—Configure periodic OAM for a LDP FEC.

<policing>—Configure policing for an LDP FEC.

<preference>—Route preference.

<session>—Configure session parameters.

<session-protection>—Configure session protection.

<strict-targeted-hellos>—Do not send targeted hellos to unconfigured neighbors.

<traceoptions>—Trace options for LDP.

<track-igp-metric>—Track the IGP metric.

<traffic-statistics>—Collect statistics for LDP label-switched paths.

<transport-address>—Address used for TCP sessions.

<ldp> (configuration/logical-systems/routing-instances/instance/ protocols)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ldp>
            <traceoptions>...</traceoptions>
            <traffic-statistics>...</traffic-statistics>
            <graceful-restart>...</graceful-restart>
            <preference>preference</preference>
            <no-forwarding/>
            <l2-smart-policy/>
            <track-igp-metric/>
            <strict-targeted-hellos/>
            <import>...</import>
            <export>...</export>
            <egress-policy>...</egress-policy>
            <next-hop>...</next-hop>
            <deaggregate/>
            <explicit-null/>
            <label-withdrawal-delay>seconds</label-withdrawal-delay>
            <transport-address>...</transport-address>
            <keepalive-interval>keepalive-interval</keepalive-interval>
            <keepalive-timeout>keepalive-timeout</keepalive-timeout>
            <interface>...</interface>
            <session>...</session>
            <session-protection>...</session-protection>
            <log-updown>...</log-updown>
            <policing>...</policing>
            <oam>...</oam>
          </ldp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description LDP configuration.

Contents <deaggregate>—Deaggregate FECs into separate labels.

<egress-policy>—Configure LSP egress policy.

<explicit-null>—Advertise the EXPLICIT_NULL label for egress FECs.

<export>—Export policy.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy.

<interface>—Enable LDP on this interface.

<keepalive-interval>—Keepalive interval (seconds).

<keepalive-timeout>—Keepalive timeout (seconds).

<l2-smart-policy>—Do not export or import Layer 3 FECs for Layer 2 sessions.

<label-withdrawal-delay>—Delay label withdrawal for FECs to avoid label churn.

<log-updown>—Logging actions for LSP up/down events.

<next-hop>—LDP next-hop control.

<no-forwarding>—Do not use LDP ingress routes for forwarding.

<oam>—Configure periodic OAM for a LDP FEC.

<policing>—Configure policing for an LDP FEC.

<preference>—Route preference.

<session>—Configure session parameters.

<session-protection>—Configure session protection.

<strict-targeted-hellos>—Do not send targeted hellos to unconfigured neighbors.

<traceoptions>—Trace options for LDP.

<track-igp-metric>—Track the IGP metric.

<traffic-statistics>—Collect statistics for LDP label-switched paths.

<transport-address>—Address used for TCP sessions.

<ldp> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <ldp>
      <traceoptions>...</traceoptions>
      <traffic-statistics>...</traffic-statistics>
      <graceful-restart>...</graceful-restart>
      <preference>preference</preference>
      <no-forwarding/>
      <l2-smart-policy/>
      <track-igp-metric/>
      <strict-targeted-hellos/>
      <import>...</import>
      <export>...</export>
      <egress-policy>...</egress-policy>
      <next-hop>...</next-hop>
      <deaggregate/>
      <explicit-null/>
      <label-withdrawal-delay>seconds</label-withdrawal-delay>
      <transport-address>...</transport-address>
      <keepalive-interval>keepalive-interval</keepalive-interval>
      <keepalive-timeout>keepalive-timeout</keepalive-timeout>
      <interface>...</interface>
      <session>...</session>
      <session-protection>...</session-protection>
      <log-updown>...</log-updown>
      <policing>...</policing>
      <oam>...</oam>
    </ldp>
  </protocols>
</configuration>
```

Description LDP options.

Contents <deaggregate>—Deaggregate FECs into separate labels.

<egress-policy>—Configure LSP egress policy.

<explicit-null>—Advertise the EXPLICIT_NULL label for egress FECs.

<export>—Export policy.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy.

<interface>—Enable LDP on this interface.

<keepalive-interval>—Keepalive interval (seconds).

<keepalive-timeout>—Keepalive timeout (seconds).

<l2-smart-policy>—Do not export or import Layer 3 FECs for Layer 2 sessions.

<label-withdrawal-delay>—Delay label withdrawal for FECs to avoid label churn.

<log-updown>—Logging actions for LSP up/down events.

<next-hop>—LDP next-hop control.

<no-forwarding>—Do not use LDP ingress routes for forwarding.

<oam>—Configure periodic OAM for a LDP FEC.

<policing>—Configure policing for an LDP FEC.

<preference>—Route preference.

<session>—Configure session parameters.

<session-protection>—Configure session protection.

<strict-targeted-hellos>—Do not send targeted hellos to unconfigured neighbors.

<traceoptions>—Trace options for LDP.

<track-igp-metric>—Track the IGP metric.

<traffic-statistics>—Collect statistics for LDP label-switched paths.

<transport-address>—Address used for TCP sessions.

<ldp> (configuration/routing-instances/instance/protocols)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ldp>
          <traceoptions>...</traceoptions>
          <traffic-statistics>...</traffic-statistics>
          <graceful-restart>...</graceful-restart>
          <preference>preference</preference>
          <no-forwarding/>
          <l2-smart-policy/>
          <track-igp-metric/>
          <strict-targeted-hellos/>
          <import>...</import>
          <export>...</export>
          <egress-policy>...</egress-policy>
          <next-hop>...</next-hop>
          <deaggregate/>
          <explicit-null/>
          <label-withdrawal-delay>seconds</label-withdrawal-delay>
          <transport-address>...</transport-address>
          <keepalive-interval>keepalive-interval</keepalive-interval>
          <keepalive-timeout>keepalive-timeout</keepalive-timeout>
          <interface>...</interface>
          <session>...</session>
          <session-protection>...</session-protection>
          <log-updown>...</log-updown>
          <policing>...</policing>
          <oam>...</oam>
        </ldp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description LDP configuration.

Contents <deaggregate>—Deaggregate FECs into separate labels.

<egress-policy>—Configure LSP egress policy.

<explicit-null>—Advertise the EXPLICIT_NULL label for egress FECs.

<export>—Export policy.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy.

<interface>—Enable LDP on this interface.

<keepalive-interval>—Keepalive interval (seconds).

<keepalive-timeout>—Keepalive timeout (seconds).

<l2-smart-policy>—Do not export or import Layer 3 FECs for Layer 2 sessions.

<label-withdrawal-delay>—Delay label withdrawal for FECs to avoid label churn.

<log-updown>—Logging actions for LSP up/down events.

<next-hop>—LDP next-hop control.

<no-forwarding>—Do not use LDP ingress routes for forwarding.

<oam>—Configure periodic OAM for a LDP FEC.

<policing>—Configure policing for an LDP FEC.

<preference>—Route preference.

<session>—Configure session parameters.

<session-protection>—Configure session protection.

<strict-targeted-hellos>—Do not send targeted hellos to unconfigured neighbors.

<traceoptions>—Trace options for LDP.

<track-igp-metric>—Track the IGP metric.

<traffic-statistics>—Collect statistics for LDP label-switched paths.

<transport-address>—Address used for TCP sessions.

<ldp-synchronization> (configuration/logical-systems/protocols/ isis/interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <interface>
          <ldp-synchronization>
            <disable/>
            <hold-time>hold-time</hold-time>
          </ldp-synchronization>
        </interface>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/protocols/ ospf/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf>
        <area>
          <interface>
            <ldp-synchronization>
              <disable/>
              <hold-time>hold-time</hold-time>
            </ldp-synchronization>
          </interface>
        </area>
      </ospf>
    </protocols>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/protocols/ ospf3/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <area>
          <interface>
            <ldp-synchronization>
              <disable/>
              <hold-time>hold-time</hold-time>
            </ldp-synchronization>
          </interface>
        </area>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/protocols/ ospf3/realm/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <realm>
          <area>
            <interface>
              <ldp-synchronization>
                <disable/>
                <hold-time>hold-time</hold-time>
              </ldp-synchronization>
            </interface>
          </area>
        </realm>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/ routing-instances/instance/protocols/isis/interface)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <interface>
              <ldp-synchronization>
                <disable/>
                <hold-time>hold-time</hold-time>
              </ldp-synchronization>
            </interface>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/ routing-instances/instance/protocols/ospf/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <area>
              <interface>
                <ldp-synchronization>
                  <disable/>
                  <hold-time>hold-time</hold-time>
                </ldp-synchronization>
              </interface>
            </area>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <interface>
                <ldp-synchronization>
                  <disable/>
                  <hold-time>hold-time</hold-time>
                </ldp-synchronization>
              </interface>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/realm/area/interface)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <realm>
              <area>
                <interface>
                  <ldp-synchronization>
                    <disable/>
                    <hold-time>hold-time</hold-time>
                  </ldp-synchronization>
                </interface>
              </area>
            </realm>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/protocols/isis/interface)

Usage

```
<configuration>
  <protocols>
    <isis>
      <interface>
        <ldp-synchronization>
          <disable/>
          <hold-time>hold-time</hold-time>
        </ldp-synchronization>
      </interface>
    </isis>
  </protocols>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/protocols/ospf/area/ interface)

Usage

```
<configuration>
  <protocols>
    <ospf>
      <area>
        <interface>
          <ldp-synchronization>
            <disable/>
            <hold-time>hold-time</hold-time>
          </ldp-synchronization>
        </interface>
      </area>
    </ospf>
  </protocols>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/protocols/ospf3/area/ interface)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <area>
        <interface>
          <ldp-synchronization>
            <disable/>
            <hold-time>hold-time</hold-time>
          </ldp-synchronization>
        </interface>
      </area>
    </ospf3>
  </protocols>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/protocols/ospf3/realm/area/ interface)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <realm>
        <area>
          <interface>
            <ldp-synchronization>
              <disable/>
              <hold-time>hold-time</hold-time>
            </ldp-synchronization>
          </interface>
        </area>
      </realm>
    </ospf3>
  </protocols>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/routing-instances/instance/ protocols/isis/interface)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <interface>
            <ldp-synchronization>
              <disable/>
              <hold-time>hold-time</hold-time>
            </ldp-synchronization>
          </interface>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/routing-instances/instance/ protocols/ospf/area/interface)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <interface>
              <ldp-synchronization>
                <disable/>
                <hold-time>hold-time</hold-time>
              </ldp-synchronization>
            </interface>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/routing-instances/instance/ protocols/ospf3/area/interface)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <area>
            <interface>
              <ldp-synchronization>
                <disable/>
                <hold-time>hold-time</hold-time>
              </ldp-synchronization>
            </interface>
          </area>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<ldp-synchronization> (configuration/routing-instances/instance/ protocols/ospf3/realm/area/interface)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <interface>
                <ldp-synchronization>
                  <disable/>
                  <hold-time>hold-time</hold-time>
                </ldp-synchronization>
              </interface>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Advertise maximum metric until LDP is operational.

Contents <disable>—Disable LDP synchronization.

<hold-time>—Time during which maximum metric is advertised.

<learn-vlan-1p-priority> (configuration/firewall/family/bridge/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <learn-vlan-1p-priority>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-1p-priority>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority> (configuration/firewall/family/vpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <learn-vlan-1p-priority>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-1p-priority>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority> (configuration/logical-systems/ firewall/family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <learn-vlan-1p-priority>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-1p-priority>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority> (configuration/logical-systems/ firewall/family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <learn-vlan-1p-priority>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-1p-priority>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority-except> (configuration/firewall/family/ bridge/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <learn-vlan-1p-priority-except>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-1p-priority-except>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Do not match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority-except> (configuration/firewall/family/ vpls/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <learn-vlan-1p-priority-except>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-1p-priority-except>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Do not match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority-except> (configuration/logical-systems/ firewall/family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <learn-vlan-1p-priority-except>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-1p-priority-except>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-1p-priority-except> (configuration/logical-systems/ firewall/family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <learn-vlan-1p-priority-except>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-1p-priority-except>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Learned 802.1p VLAN Priority.

Contents <name>—802.1p priority value 0-7.

<learn-vlan-id> (configuration/firewall/family/bridge/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <learn-vlan-id>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-id>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id> (configuration/firewall/family/vpls/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <learn-vlan-id>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-id>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id> (configuration/logical-systems/firewall/family/ bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <learn-vlan-id>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-id>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id> (configuration/logical-systems/firewall/family/ vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <learn-vlan-id>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-id>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id-except> (configuration/firewall/family/bridge/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <learn-vlan-id-except>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-id-except>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Do not match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id-except> (configuration/firewall/family/vpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <learn-vlan-id-except>
                <name>name</name>     <!-- identifier -->
              </learn-vlan-id-except>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Do not match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id-except> (configuration/logical-systems/firewall/ family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <learn-vlan-id-except>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-id-except>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Learnt VLAN ID.

Contents <name>—Range of values.

<learn-vlan-id-except> (configuration/logical-systems/firewall/ family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <learn-vlan-id-except>
                  <name>name</name>     <!-- identifier -->
                </learn-vlan-id-except>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Learnt VLAN ID.

Contents <name>—Range of values.

<level> (configuration/bridge-domains/domain/ multicast-snooping-options/options/syslog)

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <multicast-snooping-options>
        <options>
          <syslog>
            <level>
              <emergency/>
              <alert/>
              <critical/>
              <error/>
              <warning/>
              <notice/>
              <info/>
              <debug/>
            </level>
          </syslog>
        </options>
      </multicast-snooping-options>
    </domain>
  </bridge-domains>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/logical-systems/protocols/isis)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <level>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <authentication-key>authentication-key</authentication-key>
          <authentication-type>authentication-type-choice</authentication-type>
          <no-hello-authentication/>
          <no-csnp-authentication/>
          <no-psnp-authentication/>
          <wide-metrics-only/>
          <preference>preference</preference>
          <external-preference>external-preference</external-preference>
          <prefix-export-limit>prefix-export-limit</prefix-export-limit>
        </level>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure global level attributes.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- simple—Simple password authentication.

<disable>—Disable IS-IS on this level.

<external-preference>—Preference of external routes.

<name>—IS-IS level number.

<no-csnp-authentication>—Disable authentication for CSN packets.

<no-hello-authentication>—Disable authentication for hello packets.

<no-psnp-authentication>—Disable authentication for PSN packets.

<preference>—Preference of internal routes.

<prefix-export-limit>—Maximum number of external prefixes that can be exported.

<wide-metrics-only>—Generate wide metrics only.

<level> (configuration/logical-systems/protocols/isis/interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <interface>
          <level>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <metric>metric</metric>
            <ipv4-multicast-metric>ipv4-multicast-metric</ipv4-multicast-metric>
            <ipv6-unicast-metric>ipv6-unicast-metric</ipv6-unicast-metric>
            <ipv6-multicast-metric>ipv6-multicast-metric</ipv6-multicast-metric>
            <te-metric>te-metric</te-metric>
            <hello-authentication-key>hello-authentication-key
                </hello-authentication-key>
            <hello-authentication-type>hello-authentication-type-choice
                </hello-authentication-type>
            <hello-interval>seconds</hello-interval>
            <hold-time>seconds</hold-time>
            <priority>priority</priority>
            <passive/>
          </level>
        </interface>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure levels on this interface.

Contents <disable>—Disable IS-IS for this level.

<hello-authentication-key>—Authentication key (password) for hello packets.

<hello-authentication-type>—Authentication type for hello packets.

- md5—MD5 authentication.
- simple—Simple password authentication.

<hello-interval>—Interval between hello packet transmissions.

<hold-time>—Time after which neighbors think the interface is down.

<ipv4-multicast-metric>—IPv4 multicast metric for this level.

<ipv6-multicast-metric>—IPv6 multicast metric for this level.

<ipv6-unicast-metric>—IPv6 unicast metric for this level.

<metric>—Metric for this level.

<name>—IS-IS level number.

<passive>—Don't run IS-IS at this level, but advertise the interface.

<priority>—Designated router election priority.

<te-metric>—Traffic engineering metric.

<level> (configuration/logical-systems/protocols/isis/ label-switched-path)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <label-switched-path>
          <level>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <metric>metric</metric>
          </level>
        </label-switched-path>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Level to advertise this label-switched path.

Contents <disable>—Disable advertisements to this level.

<metric>—SPF metric for this level.

<name>—IS-IS level number.

<level> (configuration/logical-systems/routing-instances/ instance/bridge-domains/domain/multicast-snooping-options/ options/syslog)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <multicast-snooping-options>
              <options>
                <syslog>
                  <level>
                    <emergency/>
                    <alert/>
                    <critical/>
                    <error/>
                    <warning/>
                    <notice/>
                    <info/>
                    <debug/>
                  </level>
                </syslog>
              </options>
            </multicast-snooping-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/logical-systems/routing-instances/ instance/multicast-snooping-options/options/syslog)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <multicast-snooping-options>
          <options>
            <syslog>
              <level>
                <emergency/>
                <alert/>
                <critical/>
                <error/>
                <warning/>
                <notice/>
                <info/>
                <debug/>
              </level>
            </syslog>
          </options>
        </multicast-snooping-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/logical-systems/routing-instances/ instance/protocols/isis)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <level>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <authentication-key>authentication-key</authentication-key>
              <authentication-type>authentication-type-choice</authentication-type>
              <no-hello-authentication/>
              <no-csnp-authentication/>
              <no-psnp-authentication/>
              <wide-metrics-only/>
              <preference>preference</preference>
              <external-preference>external-preference</external-preference>
              <prefix-export-limit>prefix-export-limit</prefix-export-limit>
            </level>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure global level attributes.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- simple—Simple password authentication.

<disable>—Disable IS-IS on this level.

<external-preference>—Preference of external routes.

<name>—IS-IS level number.

<no-csnp-authentication>—Disable authentication for CSN packets.

<no-hello-authentication>—Disable authentication for hello packets.

<no-psnp-authentication>—Disable authentication for PSN packets.

<preference>—Preference of internal routes.

<prefix-export-limit>—Maximum number of external prefixes that can be exported.

<wide-metrics-only>—Generate wide metrics only.

<level> (configuration/logical-systems/routing-instances/ instance/protocols/isis/interface)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <interface>
              <level>
                <name>name</name>     <!-- identifier -->
                <disable/>
                <metric>metric</metric>
                <ipv4-multicast-metric>ipv4-multicast-metric</ipv4-multicast-metric>
                <ipv6-unicast-metric>ipv6-unicast-metric</ipv6-unicast-metric>
                <ipv6-multicast-metric>ipv6-multicast-metric</ipv6-multicast-metric>
                <te-metric>te-metric</te-metric>
                <hello-authentication-key>hello-authentication-key
                  </hello-authentication-key>
                <hello-authentication-type>hello-authentication-type-choice
                  </hello-authentication-type>
                <hello-interval>seconds</hello-interval>
                <hold-time>seconds</hold-time>
                <priority>priority</priority>
                <passive/>
              </level>
            </interface>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure levels on this interface.

Contents <disable>—Disable IS-IS for this level.

<hello-authentication-key>—Authentication key (password) for hello packets.

<hello-authentication-type>—Authentication type for hello packets.

- md5—MD5 authentication.
- simple—Simple password authentication.

<hello-interval>—Interval between hello packet transmissions.

<hold-time>—Time after which neighbors think the interface is down.

<ipv4-multicast-metric>—IPv4 multicast metric for this level.

<ipv6-multicast-metric>—IPv6 multicast metric for this level.

<ipv6-unicast-metric>—IPv6 unicast metric for this level.

<metric>—Metric for this level.

<name>—IS-IS level number.

<passive>—Don't run IS-IS at this level, but advertise the interface.

<priority>—Designated router election priority.

<te-metric>—Traffic engineering metric.

<level> (configuration/logical-systems/routing-instances/ instance/protocols/isis/label-switched-path)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <label-switched-path>
              <level>
                <name>name</name>     <!-- identifier -->
                <disable/>
                <metric>metric</metric>
              </level>
            </label-switched-path>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Level to advertise this label-switched path.

Contents <disable>—Disable advertisements to this level.

<metric>—SPF metric for this level.

<name>—IS-IS level number.

<level> (configuration/logical-systems/routing-instances/ instance/routing-options/options/syslog)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <options>
            <syslog>
              <level>
                <emergency/>
                <alert/>
                <critical/>
                <error/>
                <warning/>
                <notice/>
                <info/>
                <debug/>
              </level>
            </syslog>
          </options>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/logical-systems/routing-options/options/ syslog)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <options>
        <syslog>
          <level>
            <emergency/>
            <alert/>
            <critical/>
            <error/>
            <warning/>
            <notice/>
            <info/>
            <debug/>
          </level>
        </syslog>
      </options>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/multicast-snooping-options/options/syslog)

Usage

```
<configuration>
  <multicast-snooping-options>
    <options>
      <syslog>
        <level>
          <emergency/>
          <alert/>
          <critical/>
          <error/>
          <warning/>
          <notice/>
          <info/>
          <debug/>
        </level>
      </syslog>
    </options>
  </multicast-snooping-options>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/protocols/isis)

Usage

```
<configuration>
  <protocols>
    <isis>
      <level>
        <name>name</name>     <!-- identifier -->
        <disable/>
        <authentication-key>authentication-key</authentication-key>
        <authentication-type>authentication-type-choice</authentication-type>
        <no-hello-authentication/>
        <no-csnp-authentication/>
        <no-psnp-authentication/>
        <wide-metrics-only/>
        <preference>preference</preference>
        <external-preference>external-preference</external-preference>
        <prefix-export-limit>prefix-export-limit</prefix-export-limit>
      </level>
    </isis>
  </protocols>
</configuration>
```

Description Configure global level attributes.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- simple—Simple password authentication.

<disable>—Disable IS-IS on this level.

<external-preference>—Preference of external routes.

<name>—IS-IS level number.

<no-csnp-authentication>—Disable authentication for CSN packets.

<no-hello-authentication>—Disable authentication for hello packets.

<no-psnp-authentication>—Disable authentication for PSN packets.

<preference>—Preference of internal routes.

<prefix-export-limit>—Maximum number of external prefixes that can be exported.

<wide-metrics-only>—Generate wide metrics only.

<level> (configuration/protocols/isis/interface)

Usage

```
<configuration>
  <protocols>
    <isis>
      <interface>
        <level>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <metric>metric</metric>
          <ipv4-multicast-metric>ipv4-multicast-metric</ipv4-multicast-metric>
          <ipv6-unicast-metric>ipv6-unicast-metric</ipv6-unicast-metric>
          <ipv6-multicast-metric>ipv6-multicast-metric</ipv6-multicast-metric>
          <te-metric>te-metric</te-metric>
          <hello-authentication-key>hello-authentication-key
                    </hello-authentication-key>
          <hello-authentication-type>hello-authentication-type-choice
                    </hello-authentication-type>
          <hello-interval>seconds</hello-interval>
          <hold-time>seconds</hold-time>
          <priority>priority</priority>
          <passive/>
        </level>
      </interface>
    </isis>
  </protocols>
</configuration>
```

Description Configure levels on this interface.

Contents <disable>—Disable IS-IS for this level.

<hello-authentication-key>—Authentication key (password) for hello packets.

<hello-authentication-type>—Authentication type for hello packets.

- md5—MD5 authentication.
- simple—Simple password authentication.

<hello-interval>—Interval between hello packet transmissions.

<hold-time>—Time after which neighbors think the interface is down.

<ipv4-multicast-metric>—IPv4 multicast metric for this level.

<ipv6-multicast-metric>—IPv6 multicast metric for this level.

<ipv6-unicast-metric>—IPv6 unicast metric for this level.

<metric>—Metric for this level.

<name>—IS-IS level number.

<passive>—Don't run IS-IS at this level, but advertise the interface.

<priority>—Designated router election priority.

<te-metric>—Traffic engineering metric.

<level> (configuration/protocols/isis/label-switched-path)

Usage

```
<configuration>
  <protocols>
    <isis>
      <label-switched-path>
        <level>
          <name>name</name>     <!-- identifier -->
          <disable/>
          <metric>metric</metric>
        </level>
      </label-switched-path>
    </isis>
  </protocols>
</configuration>
```

Description Level to advertise this label-switched path.

Contents <disable>—Disable advertisements to this level.

<metric>—SPF metric for this level.

<name>—IS-IS level number.

<level> (configuration/routing-instances/instance/ bridge-domains/domain/multicast-snooping-options/options/syslog)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <multicast-snooping-options>
            <options>
              <syslog>
                <level>
                  <emergency/>
                  <alert/>
                  <critical/>
                  <error/>
                  <warning/>
                  <notice/>
                  <info/>
                  <debug/>
                </level>
              </syslog>
            </options>
          </multicast-snooping-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/routing-instances/instance/ multicast-snooping-options/options/syslog)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <multicast-snooping-options>
        <options>
          <syslog>
            <level>
              <emergency/>
              <alert/>
              <critical/>
              <error/>
              <warning/>
              <notice/>
              <info/>
              <debug/>
            </level>
          </syslog>
        </options>
      </multicast-snooping-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/routing-instances/instance/protocols/isis)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <level>
            <name>name</name>     <!-- identifier -->
            <disable/>
            <authentication-key>authentication-key</authentication-key>
            <authentication-type>authentication-type-choice</authentication-type>
            <no-hello-authentication/>
            <no-csnp-authentication/>
            <no-psnp-authentication/>
            <wide-metrics-only/>
            <preference>preference</preference>
            <external-preference>external-preference</external-preference>
            <prefix-export-limit>prefix-export-limit</prefix-export-limit>
          </level>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure global level attributes.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- simple—Simple password authentication.

<disable>—Disable IS-IS on this level.

<external-preference>—Preference of external routes.

<name>—IS-IS level number.

<no-csnp-authentication>—Disable authentication for CSN packets.

<no-hello-authentication>—Disable authentication for hello packets.

<no-psnp-authentication>—Disable authentication for PSN packets.

<preference>—Preference of internal routes.

<prefix-export-limit>—Maximum number of external prefixes that can be exported.

<wide-metrics-only>—Generate wide metrics only.

<level> (configuration/routing-instances/instance/protocols/ isis/interface)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <interface>
            <level>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <metric>metric</metric>
              <ipv4-multicast-metric>ipv4-multicast-metric</ipv4-multicast-metric>
              <ipv6-unicast-metric>ipv6-unicast-metric</ipv6-unicast-metric>
              <ipv6-multicast-metric>ipv6-multicast-metric</ipv6-multicast-metric>
              <te-metric>te-metric</te-metric>
              <hello-authentication-key>hello-authentication-key
                  </hello-authentication-key>
              <hello-authentication-type>hello-authentication-type-choice
                  </hello-authentication-type>
              <hello-interval>seconds</hello-interval>
              <hold-time>seconds</hold-time>
              <priority>priority</priority>
              <passive/>
            </level>
          </interface>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure levels on this interface.

Contents <disable>—Disable IS-IS for this level.

<hello-authentication-key>—Authentication key (password) for hello packets.

<hello-authentication-type>—Authentication type for hello packets.

- md5—MD5 authentication.
- simple—Simple password authentication.

<hello-interval>—Interval between hello packet transmissions.

<hold-time>—Time after which neighbors think the interface is down.

<ipv4-multicast-metric>—IPv4 multicast metric for this level.

<ipv6-multicast-metric>—IPv6 multicast metric for this level.

<ipv6-unicast-metric>—IPv6 unicast metric for this level.

<metric>—Metric for this level.

<name>—IS-IS level number.

<passive>—Don't run IS-IS at this level, but advertise the interface.

<priority>—Designated router election priority.

<te-metric>—Traffic engineering metric.

<level> (configuration/routing-instances/instance/protocols/ isis/label-switched-path)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <label-switched-path>
            <level>
              <name>name</name>     <!-- identifier -->
              <disable/>
              <metric>metric</metric>
            </level>
          </label-switched-path>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Level to advertise this label-switched path.

Contents <disable>—Disable advertisements to this level.

<metric>—SPF metric for this level.

<name>—IS-IS level number.

<level> (configuration/routing-instances/instance/ routing-options/options/syslog)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <options>
          <syslog>
            <level>
              <emergency/>
              <alert/>
              <critical/>
              <error/>
              <warning/>
              <notice/>
              <info/>
              <debug/>
            </level>
          </syslog>
        </options>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<level> (configuration/routing-options/options/syslog)

Usage

```
<configuration>
  <routing-options>
    <options>
      <syslog>
        <level>
          <emergency/>
          <alert/>
          <critical/>
          <error/>
          <warning/>
          <notice/>
          <info/>
          <debug/>
        </level>
      </syslog>
    </options>
  </routing-options>
</configuration>
```

Description Logging level.

Contents <alert>—Alert level.

<critical>—Critical level.

<debug>—Debugging level.

<emergency>—Emergency level.

<error>—Error level.

<info>—Informational level.

<notice>—Notice level.

<warning>—Warning level.

<license> (configuration/system)

Usage

```
<configuration>
  <system>
    <license>
      <autoupdate>...</autoupdate>
      <renew>...</renew>
      <traceoptions>...</traceoptions>
    </license>
  </system>
</configuration>
```

Description License information for the router.

Contents <autoupdate>—Autoupdate license keys from license servers.

<renew>—License renew lead time and checking interval.

<traceoptions>—Trace options for licenses.

<linear-red-profiles> (configuration/dynamic-profiles/ interfaces/interface/atm-options)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <atm-options>
          <linear-red-profiles>
            <name>name</name>     <!-- identifier -->
            <queue-depth>cells</queue-depth>     <!-- mandatory -->
            <high-plp-threshold>high-plp-threshold
                  </high-plp-threshold>     <!-- mandatory -->
            <low-plp-threshold>low-plp-threshold
                  </low-plp-threshold>     <!-- mandatory -->
            <high-plp-max-threshold>high-plp-max-threshold</high-plp-max-threshold>
            <low-plp-max-threshold>low-plp-max-threshold</low-plp-max-threshold>
          </linear-red-profiles>
        </atm-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description ATM2 CoS virtual circuit drop profiles.

Contents <high-plp-max-threshold>—Fill level percentage with 100 percent packet drop for high PLP.

<high-plp-threshold>—Fill level percentage when linear RED is applied for high PLP.

<low-plp-max-threshold>—Fill level percentage with 100 percent packet drop for low PLP.

<low-plp-threshold>—Fill level percentage when linear RED is applied for low PLP.

<name>—Linear RED profile name.

<queue-depth>—Maximum queue depth.

<linear-red-profiles> (configuration/interfaces/interface/ atm-options)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <atm-options>
        <linear-red-profiles>
          <name>name</name>     <!-- identifier -->
          <queue-depth>cells</queue-depth>     <!-- mandatory -->
          <high-plp-threshold>high-plp-threshold
                    </high-plp-threshold>     <!-- mandatory -->
          <low-plp-threshold>low-plp-threshold
                    </low-plp-threshold>     <!-- mandatory -->
          <high-plp-max-threshold>high-plp-max-threshold</high-plp-max-threshold>
          <low-plp-max-threshold>low-plp-max-threshold</low-plp-max-threshold>
        </linear-red-profiles>
      </atm-options>
    </interface>
  </interfaces>
</configuration>
```

Description ATM2 CoS virtual circuit drop profiles.

Contents <high-plp-max-threshold>—Fill level percentage with 100 percent packet drop for high PLP.

<high-plp-threshold>—Fill level percentage when linear RED is applied for high PLP.

<low-plp-max-threshold>—Fill level percentage with 100 percent packet drop for low PLP.

<low-plp-threshold>—Fill level percentage when linear RED is applied for low PLP.

<name>—Linear RED profile name.

<queue-depth>—Maximum queue depth.

<link-event-rate> (configuration/logical-systems/protocols/oam/ ethernet/link-fault-management/action-profile/event)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <oam>
        <ethernet>
          <link-fault-management>
            <action-profile>
              <event>
                <link-event-rate>
                  <symbol-period>error(s) per 100 symbol</symbol-period>
                  <frame-error>error(s) per second</frame-error>
                  <frame-period>error(s) per 100 frames</frame-period>
                  <frame-period-summary>error(s) per second
                  </frame-period-summary>
                </link-event-rate>
              </event>
            </action-profile>
          </link-fault-management>
        </ethernet>
      </oam>
    </protocols>
  </logical-systems>
</configuration>
```

Description No documentation is available yet.

Contents <frame-error>—Rate of receiving frame error events.

<frame-period>—Rate of receiving frame period events.

<frame-period-summary>—Rate of receiving frame period summary events.

<symbol-period>—Rate of receiving symbol period events.

<link-event-rate> (configuration/protocols/oam/ethernet/ link-fault-management/action-profile/event)

Usage

```
<configuration>
  <protocols>
    <oam>
      <ethernet>
        <link-fault-management>
          <action-profile>
            <event>
              <link-event-rate>
                <symbol-period>error(s) per 100 symbol</symbol-period>
                <frame-error>error(s) per second</frame-error>
                <frame-period>error(s) per 100 frames</frame-period>
                <frame-period-summary>error(s) per second</frame-period-summary>
              </link-event-rate>
            </event>
          </action-profile>
        </link-fault-management>
      </ethernet>
    </oam>
  </protocols>
</configuration>
```

Description No documentation is available yet.

Contents <frame-error>—Rate of receiving frame error events.

<frame-period>—Rate of receiving frame period events.

<frame-period-summary>—Rate of receiving frame period summary events.

<symbol-period>—Rate of receiving symbol period events.

<link-fault-management> (configuration/logical-systems/ protocols/oam/ethernet)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <oam>
        <ethernet>
          <link-fault-management>
            <traceoptions>...</traceoptions>
            <action-profile>...</action-profile>
            <interface>...</interface>
          </link-fault-management>
        </ethernet>
      </oam>
    </protocols>
  </logical-systems>
</configuration>
```

Description 802.3ah Ethernet OAM configuration.

Contents <action-profile>—Define an action profile.

<interface>—Interface on which to set Ethernet OAM parameters.

<traceoptions>—Trace options for link-fault management.

<link-fault-management> (configuration/protocols/oam/ethernet)

Usage

```
<configuration>
  <protocols>
    <oam>
      <ethernet>
        <link-fault-management>
          <traceoptions>...</traceoptions>
          <action-profile>...</action-profile>
          <interface>...</interface>
        </link-fault-management>
      </ethernet>
    </oam>
  </protocols>
</configuration>
```

Description 802.3ah Ethernet OAM configuration.

Contents <action-profile>—Define an action profile.

<interface>—Interface on which to set Ethernet OAM parameters.

<traceoptions>—Trace options for link-fault management.

<link-management> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <link-management>
        <te-link>...</te-link>
        <peer>...</peer>
        <traceoptions>...</traceoptions>
      </link-management>
    </protocols>
  </logical-systems>
</configuration>
```

Description LMP options.

Contents <peer>—Define a network or LMP peer.

<te-link>—Traffic engineering link.

<traceoptions>—LMP trace options.

<link-management> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <link-management>
      <te-link>...</te-link>
      <peer>...</peer>
      <traceoptions>...</traceoptions>
    </link-management>
  </protocols>
</configuration>
```

Description LMP options.

Contents <peer>—Define a network or LMP peer.

<te-link>—Traffic engineering link.

<traceoptions>—LMP trace options.

<link-protection> (configuration/chassis/aggregated-devices/ ethernet/lacp)

Usage

```
<configuration>
  <chassis>
    <aggregated-devices>
      <ethernet>
        <lacp>
          <link-protection>
            <non-revertive/>
          </link-protection>
        </lacp>
      </ethernet>
    </aggregated-devices>
  </chassis>
</configuration>
```

Description No documentation is available yet.

Contents <non-revertive>—Don't revert links when better priority link comes up.

<link-protection> (configuration/dynamic-profiles/interfaces/ interface/aggregated-ether-options/lacp)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <aggregated-ether-options>
          <lacp>
            <link-protection>
              <disable/>
              <revertive/>
              <non-revertive/>
            </link-protection>
          </lacp>
        </aggregated-ether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description No documentation is available yet.

Contents <disable>—To turn off LACP link-protection.

<non-revertive>—Do not switch links when better priority link comes up.

<revertive>—Switch links when better priority link comes up.

<link-protection> (configuration/interfaces/interface/ aggregated-ether-options/lacp)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <aggregated-ether-options>
        <lacp>
          <link-protection>
            <disable/>
            <revertive/>
            <non-revertive/>
          </link-protection>
        </lacp>
      </aggregated-ether-options>
    </interface>
  </interfaces>
</configuration>
```

Description No documentation is available yet.

Contents <disable>—To turn off LACP link-protection.

<non-revertive>—Do not switch links when better priority link comes up.

<revertive>—Switch links when better priority link comes up.

<link-protection> (configuration/logical-systems/protocols/rsvp/ interface)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <rsvp>
        <interface>
          <link-protection>
            <disable/>
            <bandwidth>...</bandwidth>
            <max-bypasses>max-bypasses</max-bypasses>
            <subscription>subscription</subscription>
            <no-node-protection/>
            <optimize-timer>seconds</optimize-timer>
            <class-of-service>class-of-service</class-of-service>
            <hop-limit>hop-limit</hop-limit>
            <no-cspf/>
            <setup-priority>setup-priority</setup-priority>
            <reservation-priority>reservation-priority</reservation-priority>
            <path>...</path>
            <admin-group>...</admin-group>
            <bypass>...</bypass>
          </link-protection>
        </interface>
      </rsvp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Protect traffic with a label-stacked LSP.

Contents <admin-group>—Administrative group policy.

<bandwidth>—Bandwidth for each bypass.

<bypass>—Bypass with specific constraints.

<class-of-service>—Class of service for the bypass LSP.

<disable>—Disable link protection on this interface.

<hop-limit>—Maximum allowed router hops for bypass.

<max-bypasses>—Max number of bypasses permitted for protecting this interface.

<no-cspf>—Disable automatic path computation.

<no-node-protection>—Disallow node protection on this interface.

<optimize-timer>—Interval between bypass reoptimizations.

<path>—Explicit route of bypass path.

<reservation-priority>—Reservation priority.

<setup-priority>—Set-up priority.

<subscription>—Percent of bandwidth guaranteed when admitting protected LSPs into bypasses.

<link-protection> (configuration/protocols/rsvp/interface)

Usage

```
<configuration>
  <protocols>
    <rsvp>
      <interface>
        <link-protection>
          <disable/>
          <bandwidth>...</bandwidth>
          <max-bypasses>max-bypasses</max-bypasses>
          <subscription>subscription</subscription>
          <no-node-protection/>
          <optimize-timer>seconds</optimize-timer>
          <class-of-service>class-of-service</class-of-service>
          <hop-limit>hop-limit</hop-limit>
          <no-cspf/>
          <setup-priority>setup-priority</setup-priority>
          <reservation-priority>reservation-priority</reservation-priority>
          <path>...</path>
          <admin-group>...</admin-group>
          <bypass>...</bypass>
        </link-protection>
      </interface>
    </rsvp>
  </protocols>
</configuration>
```

Description Protect traffic with a label-stacked LSP.

Contents <admin-group>—Administrative group policy.

<bandwidth>—Bandwidth for each bypass.

<bypass>—Bypass with specific constraints.

<class-of-service>—Class of service for the bypass LSP.

<disable>—Disable link protection on this interface.

<hop-limit>—Maximum allowed router hops for bypass.

<max-bypasses>—Max number of bypasses permitted for protecting this interface.

<no-cspf>—Disable automatic path computation.

<no-node-protection>—Disallow node protection on this interface.

<optimize-timer>—Interval between bypass reoptimizations.

<path>—Explicit route of bypass path.

<reservation-priority>—Reservation priority.

<setup-priority>—Set-up priority.

<subscription>—Percent of bandwidth guaranteed when admitting protected LSPs into bypasses.

<linktrace> (configuration/logical-systems/protocols/oam/ ethernet/connectivity-fault-management)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <oam>
        <ethernet>
          <connectivity-fault-management>
            <linktrace>
              <path-database-size>path-database-size</path-database-size>
              <age>age-choice</age>
            </linktrace>
          </connectivity-fault-management>
        </ethernet>
      </oam>
    </protocols>
  </logical-systems>
</configuration>
```

Description Linktrace protocol global options.

Contents <age>—Time after which a stale request-response entry is deleted.

- 10m—No documentation is available yet.
- 10s—No documentation is available yet.
- 1m—No documentation is available yet.
- 30m—No documentation is available yet.
- 30s—No documentation is available yet.

<path-database-size>—Number of linktrace reply entries to be stored per linktrace request.

<linktrace> (configuration/protocols/oam/ethernet/ connectivity-fault-management)

Usage

```
<configuration>
  <protocols>
    <oam>
      <ethernet>
        <connectivity-fault-management>
          <linktrace>
            <path-database-size>path-database-size</path-database-size>
            <age>age-choice</age>
          </linktrace>
        </connectivity-fault-management>
      </ethernet>
    </oam>
  </protocols>
</configuration>
```

Description Linktrace protocol global options.

Contents <age>—Time after which a stale request-response entry is deleted.

- 10m—No documentation is available yet.
- 10s—No documentation is available yet.
- 1m—No documentation is available yet.
- 30m—No documentation is available yet.
- 30s—No documentation is available yet.

<path-database-size>—Number of linktrace reply entries to be stored per linktrace request.

<listen> (configuration/logical-systems/protocols/sap)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <sap>
        <listen>
          <name>name</name>     <!-- identifier -->
          <port>port</port>
        </listen>
      </sap>
    </protocols>
  </logical-systems>
</configuration>
```

Description Address for SAP and SDP to listen on.

Contents <name>—IP address.

<port>—Port to listen for session advertisements.

<listen> (configuration/protocols/sap)

Usage

```
<configuration>
  <protocols>
    <sap>
      <listen>
        <name>name</name>     <!-- identifier -->
        <port>port</port>
      </listen>
    </sap>
  </protocols>
</configuration>
```

Description Address for SAP and SDP to listen on.

Contents <name>—IP address.

<port>—Port to listen for session advertisements.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <lmi>
          <n391dte>n391dte</n391dte>
          <n392dce>n392dce</n392dce>
          <n392dte>n392dte</n392dte>
          <n393dce>n393dce</n393dce>
          <n393dte>n393dte</n393dte>
          <t391dte>seconds</t391dte>
          <t392dce>seconds</t392dce>
          <lmi-type>lmi-type-choice</lmi-type>
        </lmi>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Local Management Interface settings.

Contents <lmi-type>—Specify the Frame Relay LMI type.

- ansi—Use ANSI Annex D LMI.
- itu—Use ITU Q933a Annex A LMI.

<n391dte>—DTE full status polling interval.

<n392dce>—DCE error threshold.

<n392dte>—DTE error threshold.

<n393dce>—DCE monitored event count.

<n393dte>—DTE monitored event count.

<t391dte>—DTE polling timer.

<t392dce>—DCE polling verification timer.

<lmi> (configuration/interfaces/interface)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <lmi>
        <n391dte>n391dte</n391dte>
        <n392dce>n392dce</n392dce>
        <n392dte>n392dte</n392dte>
        <n393dce>n393dce</n393dce>
        <n393dte>n393dte</n393dte>
        <t391dte>seconds</t391dte>
        <t392dce>seconds</t392dce>
        <lmi-type>lmi-type-choice</lmi-type>
      </lmi>
    </interface>
  </interfaces>
</configuration>
```

Description Local Management Interface settings.

Contents <lmi-type>—Specify the Frame Relay LMI type.

- ansi—Use ANSI Annex D LMI.
- itu—Use ITU Q933a Annex A LMI.

<n391dte>—DTE full status polling interval.

<n392dce>—DCE error threshold.

<n392dte>—DTE error threshold.

<n393dce>—DCE monitored event count.

<n393dte>—DTE monitored event count.

<t391dte>—DTE polling timer.

<t392dce>—DCE polling verification timer.

<lmp-control-channel> (configuration/logical-systems/protocols/ link-management/peer)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <link-management>
        <peer>
          <lmp-control-channel>
            <name>name</name>     <!-- identifier -->
            <remote-address>remote-address</remote-address>
          </lmp-control-channel>
        </peer>
      </link-management>
    </protocols>
  </logical-systems>
</configuration>
```

Description Control channel IDs.

Contents <name>—Control channel interface.

<remote-address>—Control channel remote address.

<lmp-control-channel> (configuration/protocols/link-management/ peer)

Usage

```
<configuration>
  <protocols>
    <link-management>
      <peer>
        <lmp-control-channel>
          <name>name</name>     <!-- identifier -->
          <remote-address>remote-address</remote-address>
        </lmp-control-channel>
      </peer>
    </link-management>
  </protocols>
</configuration>
```

Description Control channel IDs.

Contents <name>—Control channel interface.

<remote-address>—Control channel remote address.

<lmp-protocol> (configuration/logical-systems/protocols/ link-management/peer)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <link-management>
        <peer>
          <lmp-protocol>
            <hello-interval>milliseconds</hello-interval>
            <hello-dead-interval>milliseconds</hello-dead-interval>
            <retransmission-interval>milliseconds</retransmission-interval>
            <retry-limit>retry-limit</retry-limit>
            <passive/>
          </lmp-protocol>
        </peer>
      </link-management>
    </protocols>
  </logical-systems>
</configuration>
```

Description LMP protocol attributes.

Contents <hello-dead-interval>—Delay for control channel shutdown when no Hello received.

<hello-interval>—Interval between Hello messages.

<passive>—Do not send Config messages to peer.

<retransmission-interval>—Minimum time before retransmitting a message.

<retry-limit>—Number of times to retransmit a message.

<lmp-protocol> (configuration/protocols/link-management/peer)

Usage

```
<configuration>
  <protocols>
    <link-management>
      <peer>
        <lmp-protocol>
          <hello-interval>milliseconds</hello-interval>
          <hello-dead-interval>milliseconds</hello-dead-interval>
          <retransmission-interval>milliseconds</retransmission-interval>
          <retry-limit>retry-limit</retry-limit>
          <passive/>
        </lmp-protocol>
      </peer>
    </link-management>
  </protocols>
</configuration>
```

Description LMP protocol attributes.

Contents <hello-dead-interval>—Delay for control channel shutdown when no Hello received.

<hello-interval>—Interval between Hello messages.

<passive>—Do not send Config messages to peer.

<retransmission-interval>—Minimum time before retransmitting a message.

<retry-limit>—Number of times to retransmit a message.

<lns-server> (configuration/services/ggsn/apn/l2tp)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <l2tp>
          <lns-server>
            <name>name</name>     <!-- identifier -->
            <use-default-port/>
            <port>port</port>
          </lns-server>
        </l2tp>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description L2TP network server.

Contents <name>—L2TP network server address.

<port>—L2TP network server destination port.

<use-default-port>—Use default port.

<load-balance> (configuration/forwarding-options)

Usage

```
<configuration>
  <forwarding-options>
    <load-balance>
      <indexed-next-hop/>
      <per-flow>...</per-flow>
      <per-prefix>...</per-prefix>
    </load-balance>
  </forwarding-options>
</configuration>
```

Description Configure load-balancing attributes on the forwarding path.

Contents <indexed-next-hop>—Use indexed permuted next hop lists for unilist and aggregate next hops.

<per-flow>—No documentation is available yet.

<per-prefix>—No documentation is available yet.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (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>
              <load-balance>
                <per-packet/>
              </load-balance>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <load-balance>
                <per-packet/>
              </load-balance>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (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>
              <load-balance>
                <per-packet/>
              </load-balance>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <load-balance>
              <per-packet/>
            </load-balance>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <load-balance>
            <per-packet/>
          </load-balance>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (configuration/logical-systems/protocols/rsvp)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <rsvp>
        <load-balance>
          <bandwidth/>
        </load-balance>
      </rsvp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Per-packet load-balancing algorithm.

Contents <bandwidth>—Per-packet load balancing proportional to LSP bandwidth.

<load-balance> (configuration/logical-systems/routing-instances/instance/forwarding-options)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <load-balance>
            <indexed-next-hop/>
            <per-flow>...</per-flow>
            <per-prefix>...</per-prefix>
          </load-balance>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure load-balancing attributes on the forwarding path.

Contents <indexed-next-hop>—Use indexed permuted next hop lists for unilist and aggregate next hops.

<per-flow>—No documentation is available yet.

<per-prefix>—No documentation is available yet.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <load-balance>
            <per-packet/>
          </load-balance>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <load-balance>
            <per-packet/>
          </load-balance>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <load-balance>
            <per-packet/>
          </load-balance>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (configuration/policy-options/policy-statement/ term/from/source-address-filter)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <load-balance>
              <per-packet/>
            </load-balance>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <load-balance>
            <per-packet/>
          </load-balance>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (configuration/policy-options/policy-statement/ then)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <load-balance>
          <per-packet/>
        </load-balance>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Type of load balancing in forwarding table.

Contents <per-packet>—Load balance on a per-packet basis.

<load-balance> (configuration/protocols/rsvp)

Usage

```
<configuration>
  <protocols>
    <rsvp>
      <load-balance>
        <bandwidth/>
      </load-balance>
    </rsvp>
  </protocols>
</configuration>
```

Description Per-packet load-balancing algorithm.

Contents <bandwidth>—Per-packet load balancing proportional to LSP bandwidth.

<load-balance> (configuration/routing-instances/instance/forwarding-options)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <load-balance>
          <indexed-next-hop/>
          <per-flow>...</per-flow>
          <per-prefix>...</per-prefix>
        </load-balance>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure load-balancing attributes on the forwarding path.

Contents <indexed-next-hop>—Use indexed permuted next hop lists for unilist and aggregate next hops.

<per-flow>—No documentation is available yet.

<per-prefix>—No documentation is available yet.

<load-balance-group> (configuration/firewall)

Usage

```
<configuration>
  <firewall>
    <load-balance-group>
      <name>name</name>     <!-- identifier -->
      <next-hop-group>...</next-hop-group>
    </load-balance-group>
  </firewall>
</configuration>
```

Description Load-balance group definition.

Contents <name>—Load balance group name.

<next-hop-group>—Use specified next-hop group.

<load-balance-group> (configuration/logical-systems/firewall)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <load-balance-group>
        <name>name</name>     <!-- identifier -->
        <next-hop-group>...</next-hop-group>
      </load-balance-group>
    </firewall>
  </logical-systems>
</configuration>
```

Description Load-balance group definition.

Contents <name>—Load balance group name.

<next-hop-group>—Use specified next-hop group.

<load-update-test> (configuration)

Usage

```
<configuration>
  <load-update-test>
    <long-ctn>...</long-ctn>
    <ord-ctn>...</ord-ctn>
    <ord-ctn-set-of-string>...</ord-ctn-set-of-string>
    <bas-ctn>...</bas-ctn>
    <mult-ctn>...</mult-ctn>
  </load-update-test>
</configuration>
```

Description No documentation is available yet.

Contents <bas-ctn>—No documentation is available yet.

<long-ctn>—No documentation is available yet.

<mult-ctn>—No documentation is available yet.

<ord-ctn>—No documentation is available yet.

<ord-ctn-set-of-string>—Should be same as ord-ctn.

<local> (configuration/logical-systems/protocols/pim/rp)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <pim>
        <rp>
          <local>
            <address>address</address>
            <disable/>
            <priority>priority</priority>
            <hold-time>hold-time</hold-time>
            <group-ranges>...</group-ranges>
            <family>...</family>
          </local>
        </rp>
      </pim>
    </protocols>
  </logical-systems>
</configuration>
```

Description Router's local RP properties.

Contents <address>—Local RP address (IPv4 only).

<disable>—Disable this RP (IPv4 only).

<family>—Local RP address family.

<group-ranges>—Group address range for which this router can be an RP (IPv4 only).

<hold-time>—How long neighbor considers this router to be up, in seconds (IPv4 only).

<priority>—Router's priority for becoming an RP (IPv4 only).

<local> (configuration/logical-systems/routing-instances/ instance/protocols/pim/rp)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <pim>
            <rp>
              <local>
                <address>address</address>
                <disable/>
                <priority>priority</priority>
                <hold-time>hold-time</hold-time>
                <group-ranges>...</group-ranges>
                <family>...</family>
              </local>
            </rp>
          </pim>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Router's local RP properties.

Contents <address>—Local RP address (IPv4 only).

<disable>—Disable this RP (IPv4 only).

<family>—Local RP address family.

<group-ranges>—Group address range for which this router can be an RP (IPv4 only).

<hold-time>—How long neighbor considers this router to be up, in seconds (IPv4 only).

<priority>—Router's priority for becoming an RP (IPv4 only).

<local> (configuration/protocols/pim/rp)

Usage

```
<configuration>
  <protocols>
    <pim>
      <rp>
        <local>
          <address>address</address>
          <disable/>
          <priority>priority</priority>
          <hold-time>hold-time</hold-time>
          <group-ranges>...</group-ranges>
          <family>...</family>
        </local>
      </rp>
    </pim>
  </protocols>
</configuration>
```

Description Router's local RP properties.

Contents <address>—Local RP address (IPv4 only).

<disable>—Disable this RP (IPv4 only).

<family>—Local RP address family.

<group-ranges>—Group address range for which this router can be an RP (IPv4 only).

<hold-time>—How long neighbor considers this router to be up, in seconds (IPv4 only).

<priority>—Router's priority for becoming an RP (IPv4 only).

<local> (configuration/routing-instances/instance/protocols/pim/ rp)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <pim>
          <rp>
            <local>
              <address>address</address>
              <disable/>
              <priority>priority</priority>
              <hold-time>hold-time</hold-time>
              <group-ranges>...</group-ranges>
              <family>...</family>
            </local>
          </rp>
        </pim>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Router's local RP properties.

Contents <address>—Local RP address (IPv4 only).

<disable>—Disable this RP (IPv4 only).

<family>—Local RP address family.

<group-ranges>—Group address range for which this router can be an RP (IPv4 only).

<hold-time>—How long neighbor considers this router to be up, in seconds (IPv4 only).

<priority>—Router's priority for becoming an RP (IPv4 only).

<local> (configuration/security/certificates)

Usage

```
<configuration>
  <security>
    <certificates>
      <local>
        <name>name</name>     <!-- identifier -->
        <certificate>certificate</certificate>
      </local>
    </certificates>
  </security>
</configuration>
```

Description Local X.509 certificate configuration.

Contents <certificate>—Certificate and private key string.

<name>—Simple name to identify this certificate.

<local-as> (configuration/logical-systems/protocols/bgp)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <local-as>
          <as-number>as-number</as-number>     <!-- mandatory -->
          <loops>loops</loops>
          <private/>
        </local-as>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/logical-systems/protocols/bgp/group)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <local-as>
            <as-number>as-number</as-number>     <!-- mandatory -->
            <loops>loops</loops>
            <private/>
          </local-as>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/logical-systems/protocols/bgp/group/ neighbor)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <local-as>
              <as-number>as-number</as-number>     <!-- mandatory -->
              <loops>loops</loops>
              <private/>
            </local-as>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/logical-systems/routing-instances/ instance/protocols/bgp)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <local-as>
              <as-number>as-number</as-number>     <!-- mandatory -->
              <loops>loops</loops>
              <private/>
            </local-as>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/logical-systems/routing-instances/ instance/protocols/bgp/group)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <local-as>
                <as-number>as-number</as-number>     <!-- mandatory -->
                <loops>loops</loops>
                <private/>
              </local-as>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/logical-systems/routing-instances/ instance/protocols/bgp/group/neighbor)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <local-as>
                  <as-number>as-number</as-number>     <!-- mandatory -->
                  <loops>loops</loops>
                  <private/>
                </local-as>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/protocols/bgp)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <local-as>
        <as-number>as-number</as-number>     <!-- mandatory -->
        <loops>loops</loops>
        <private/>
      </local-as>
    </bgp>
  </protocols>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/protocols/bgp/group)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <local-as>
          <as-number>as-number</as-number>     <!-- mandatory -->
          <loops>loops</loops>
          <private/>
        </local-as>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/protocols/bgp/group/neighbor)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <local-as>
            <as-number>as-number</as-number>     <!-- mandatory -->
            <loops>loops</loops>
            <private/>
          </local-as>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/routing-instances/instance/protocols/ bgp)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <local-as>
            <as-number>as-number</as-number>     <!-- mandatory -->
            <loops>loops</loops>
            <private/>
          </local-as>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/routing-instances/instance/protocols/ bgp/group)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <local-as>
              <as-number>as-number</as-number>     <!-- mandatory -->
              <loops>loops</loops>
              <private/>
            </local-as>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-as> (configuration/routing-instances/instance/protocols/ bgp/group/neighbor)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <local-as>
                <as-number>as-number</as-number>     <!-- mandatory -->
                <loops>loops</loops>
                <private/>
              </local-as>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Local autonomous system number.

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

<loops>—Maximum number of times this AS can be in an AS path.

<private>—Hide this local AS in paths learned from this peering.

<local-engine> (configuration/snmp/v3/usm)

Usage

```
<configuration>
  <snmp>
    <v3>
      <usm>
        <local-engine>
          <user>...</user>
        </local-engine>
      </usm>
    </v3>
  </snmp>
</configuration>
```

Description Local engine user configuration.

Contents <user>—SNMPv3 USM user information.

<local-gateway> (configuration/services/l2tp/tunnel-group)

Usage

```
<configuration>
  <services>
    <l2tp>
      <tunnel-group>
        <local-gateway>
          <address>address</address>
        </local-gateway>
      </tunnel-group>
    </l2tp>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <address>—L2TP network server IP address.

<local-gateway> (configuration/services/service-set/ipsec-vpn-options)

Usage

```
<configuration>
  <services>
    <service-set>
      <ipsec-vpn-options>
        <local-gateway>
          <address>address</address>     <!-- mandatory -->
          <routing-instance>routing-instance</routing-instance>
        </local-gateway>
      </ipsec-vpn-options>
    </service-set>
  </services>
</configuration>
```

Description Address and routing instance for local gateway.

Contents <address>—Local gateway address.

<routing-instance>—Name of routing instance that hosts local gateway.

<local-id> (configuration/services/ipsec-vpn/ike/policy)

Usage

```
<configuration>
  <services>
    <ipsec-vpn>
      <ike>
        <policy>
          <local-id>
            <ipv4_addr>ipv4_addr</ipv4_addr>
            <fqdn>fqdn</fqdn>
            <key-id>key-id</key-id>
            <ipv6-addr>ipv6-addr</ipv6-addr>
          </local-id>
        </policy>
      </ike>
    </ipsec-vpn>
  </services>
</configuration>
```

Description Define local identification.

Contents <fqdn>—One or more fully qualified domain name values.

<ipv4_addr>—One or more IPv4 address identification values.

<ipv6-addr>—One or more IPv6 address identification values.

<key-id>—One or more key ID identification values.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <charging>
        <charging-log>
          <local-log>
            <force-empty-files/>
          </local-log>
        </charging-log>
      </charging>
    </ggsn>
  </services>
</configuration>
```

Description CDRs meant for normal offline transfer.

Contents <force-empty-files>—Generate empty CDR log files if no CDRs are received.

<local-policy-control> (configuration/services/ggsn/rule-space)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <activation-time>...</activation-time>
          <all-time>...</all-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Local policy control settings.

Contents <activation-time>—Activation time for authorization settings.

<all-time>—Time-independent authorization settings.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

<local-preference> (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>
              <local-preference>
                <local-preference>local-preference</local-preference>
                <add>add</add>
                <subtract>subtract</subtract>
              </local-preference>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <local-preference>
                <local-preference>local-preference</local-preference>
                <add>add</add>
                <subtract>subtract</subtract>
              </local-preference>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

<local-preference> (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>
              <local-preference>
                <local-preference>local-preference</local-preference>
                <add>add</add>
                <subtract>subtract</subtract>
              </local-preference>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <local-preference>
            <local-preference>local-preference</local-preference>
            <add>add</add>
            <subtract>subtract</subtract>
          </local-preference>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <local-preference>
            <local-preference>local-preference</local-preference>
            <add>add</add>
            <subtract>subtract</subtract>
          </local-preference>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <local-preference>
            <local-preference>local-preference</local-preference>
            <add>add</add>
            <subtract>subtract</subtract>
          </local-preference>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <local-preference>
            <local-preference>local-preference</local-preference>
            <add>add</add>
            <subtract>subtract</subtract>
          </local-preference>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

<local-preference> (configuration/policy-options/ policy-statement/term/from/source-address-filter)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <local-preference>
              <local-preference>local-preference</local-preference>
              <add>add</add>
              <subtract>subtract</subtract>
            </local-preference>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

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

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <local-preference>
            <local-preference>local-preference</local-preference>
            <add>add</add>
            <subtract>subtract</subtract>
          </local-preference>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

<local-preference> (configuration/policy-options/ policy-statement/then)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <local-preference>
          <local-preference>local-preference</local-preference>
          <add>add</add>
          <subtract>subtract</subtract>
        </local-preference>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Local preference associated with a route.

Contents <add>—Add constant to attribute.

<local-preference>—No documentation is available yet.

<subtract>—Subtract constant from attribute.

<local-switching> (configuration/logical-systems/protocols/ l2circuit)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <l2circuit>
        <local-switching>
          <interface>...</interface>
        </local-switching>
      </l2circuit>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configuration of Layer 2 circuits local switching.

Contents <interface>—Interface forming the local Layer 2 circuit.

<local-switching> (configuration/protocols/l2circuit)

Usage

```
<configuration>
  <protocols>
    <l2circuit>
      <local-switching>
        <interface>...</interface>
      </local-switching>
    </l2circuit>
  </protocols>
</configuration>
```

Description Configuration of Layer 2 circuits local switching.

Contents <interface>—Interface forming the local Layer 2 circuit.

<location> (configuration/system)

Usage

```
<configuration>
  <system>
    <location>
      <country-code>country-code</country-code>
      <postal-code>postal-code</postal-code>
      <npa-nxx>npa-nxx</npa-nxx>
      <latitude>latitude</latitude>
      <longitude>longitude</longitude>
      <altitude>altitude</altitude>
      <lata>lata</lata>
      <vcoord>vcoord</vcoord>
      <hcoord>hcoord</hcoord>
      <building>building</building>
      <floor>floor</floor>
      <rack>rack</rack>
      <lcc>...</lcc>
    </location>
  </system>
</configuration>
```

Description Location of the system, in various forms.

Contents <altitude>—Feet above (or below) sea level.

<building>—Building name.

<country-code>—Two-letter country code.

<floor>—Floor of the building.

<hcoord>—Bellcore horizontal coordinate.

<lata>—Long-distance service area.

<latitude>—Latitude in degree format.

<lcc>—Line-card chassis location.

<longitude>—Longitude in degree format.

<npa-nxx>—First six digits of phone number (area code plus exchange).

<postal-code>—Zip code or postal code.

<rack>—Rack number.

<vcoord>—Bellcore vertical coordinate.

<locd> (configuration/dynamic-profiles/interfaces/interface/ sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <locd>
              <ignore/>
              <hold-time>...</hold-time>
            </locd>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LOCD defect trigger (ATM only).

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<locd> (configuration/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <locd>
            <ignore/>
            <hold-time>...</hold-time>
          </locd>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LOCD defect trigger (ATM only).

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<lof> (configuration/dynamic-profiles/interfaces/interface/ sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <lof>
              <ignore/>
              <hold-time>...</hold-time>
            </lof>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LOF defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<lof> (configuration/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <lof>
            <ignore/>
            <hold-time>...</hold-time>
          </lof>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LOF defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<log-updown> (configuration/logical-systems/protocols/ldp)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ldp>
        <log-updown>
          <trap>...</trap>
        </log-updown>
      </ldp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <trap>—SNMP traps options.

<log-updown> (configuration/logical-systems/protocols/mpls)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <log-updown>
          <syslog/>
          <trap/>
          <no-trap>...</no-trap>
          <trap-path-down/>
          <trap-path-up/>
        </log-updown>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <no-trap>—Don't send SNMP traps.

<syslog>—Send syslog messages.

<trap>—Send SNMP traps.

<trap-path-down>—Send SNMP traps when a path goes down.

<trap-path-up>—Send SNMP traps when a path goes up.

<log-updown> (configuration/logical-systems/routing-instances/ instance/protocols/ldp)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ldp>
            <log-updown>
              <trap>...</trap>
            </log-updown>
          </ldp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <trap>—SNMP traps options.

<log-updown> (configuration/protocols/ldp)

Usage

```
<configuration>
  <protocols>
    <ldp>
      <log-updown>
        <trap>...</trap>
      </log-updown>
    </ldp>
  </protocols>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <trap>—SNMP traps options.

<log-updown> (configuration/protocols/mpls)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <log-updown>
        <syslog/>
        <trap/>
        <no-trap>...</no-trap>
        <trap-path-down/>
        <trap-path-up/>
      </log-updown>
    </mpls>
  </protocols>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <no-trap>—Don't send SNMP traps.

<syslog>—Send syslog messages.

<trap>—Send SNMP traps.

<trap-path-down>—Send SNMP traps when a path goes down.

<trap-path-up>—Send SNMP traps when a path goes up.

<log-updown> (configuration/routing-instances/instance/protocols/ldp)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ldp>
          <log-updown>
            <trap>...</trap>
          </log-updown>
        </ldp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Logging actions for LSP up/down events.

Contents <trap>—SNMP traps options.

<logging> (configuration/services)

Usage

```
<configuration>
  <services>
    <logging>
      <traceoptions>...</traceoptions>
    </logging>
  </services>
</configuration>
```

Description Bulk logging configuration.

Contents <traceoptions>—Fsad trace options.

<logging> (configuration/services/ids/rule/term/then)

Usage

```
<configuration>
  <services>
    <ids>
      <rule>
        <term>
          <then>
            <logging>
              <threshold>threshold</threshold>
              <syslog/>
            </logging>
          </then>
        </term>
      </rule>
    </ids>
  </services>
</configuration>
```

Description Define system logging parameters.

Contents <syslog>—System log information about the packet.

<threshold>—Threshold above which events should be logged.

<logical-apn> (configuration/services/ggsn)

Usage

```
<configuration>
  <services>
    <ggsn>
      <logical-apn>
        <name>name</name>     <!-- identifier -->
        <access-restrictions>...</access-restrictions>
        <apn>...</apn>     <!-- mandatory -->
      </logical-apn>
    </ggsn>
  </services>
</configuration>
```

Description Logical access point name configuration.

Contents <access-restrictions>—Settings for APN access restrictions. .

<apn>—APN selection configuration.

<name>—Logical access point name identifier.

<logical-system> (configuration/firewall/family/inet/filter/term/then)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <then>
              <logical-system>
                <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
                <routing-instance>...</routing-instance>
                <topology>topology</topology>
              </logical-system>
            </then>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/firewall/family/inet6/filter/ term/then)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <then>
              <logical-system>
                <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
                <routing-instance>...</routing-instance>
                <topology>topology</topology>
              </logical-system>
            </then>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/firewall/filter/term/then)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <then>
          <logical-system>
            <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
            <routing-instance>...</routing-instance>
            <topology>topology</topology>
          </logical-system>
        </then>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/forwarding-options/helpers/bootp/interface/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <bootp>
        <interface>
          <server>
            <logical-system>
              <name>name</name>     <!-- identifier -->
              <routing-instance>...</routing-instance>
            </logical-system>
          </server>
        </interface>
      </bootp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/ bootp/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <bootp>
        <server>
          <logical-system>
            <name>name</name>     <!-- identifier -->
            <routing-instance>...</routing-instance>
          </logical-system>
        </server>
      </bootp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/ domain/interface/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <domain>
        <interface>
          <server>
            <logical-system>
              <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
              <routing-instance>routing-instance</routing-instance>
            </logical-system>
          </server>
        </interface>
      </domain>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/ domain/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <domain>
        <server>
          <logical-system>
            <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
            <routing-instance>routing-instance</routing-instance>
          </logical-system>
        </server>
      </domain>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/port/ interface/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <port>
        <interface>
          <server>
            <logical-system>
              <logical-system-name>logical-system-name
                    </logical-system-name>     <!-- mandatory -->
              <routing-instance>routing-instance</routing-instance>
            </logical-system>
          </server>
        </interface>
      </port>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/port/ server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <port>
        <server>
          <logical-system>
            <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
            <routing-instance>routing-instance</routing-instance>
          </logical-system>
        </server>
      </port>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/tftp/ interface/server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <tftp>
        <interface>
          <server>
            <logical-system>
              <logical-system-name>logical-system-name
                    </logical-system-name>     <!-- mandatory -->
              <routing-instance>routing-instance</routing-instance>
            </logical-system>
          </server>
        </interface>
      </tftp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/forwarding-options/helpers/tftp/ server)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <tftp>
        <server>
          <logical-system>
            <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
            <routing-instance>routing-instance</routing-instance>
          </logical-system>
        </server>
      </tftp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/firewall/family/ inet/filter/term/then)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <then>
                <logical-system>
                  <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
                  <routing-instance>...</routing-instance>
                  <topology>topology</topology>
                </logical-system>
              </then>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/logical-systems/firewall/family/ inet6/filter/term/then)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <then>
                <logical-system>
                  <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
                  <routing-instance>...</routing-instance>
                  <topology>topology</topology>
                </logical-system>
              </then>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/logical-systems/firewall/filter/ term/then)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <then>
            <logical-system>
              <logical-system-name>logical-system-name
                  </logical-system-name>     <!-- mandatory -->
              <routing-instance>...</routing-instance>
              <topology>topology</topology>
            </logical-system>
          </then>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Packets are directed to specified logical system.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Packets are directed to specified routing instance.

<topology>—Packets are directed to specified topology.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/bootp/ interface/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <interface>
                <server>
                  <logical-system>
                    <name>name</name>     <!-- identifier -->
                    <routing-instance>...</routing-instance>
                  </logical-system>
                </server>
              </interface>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/bootp/ server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <server>
                <logical-system>
                  <name>name</name>     <!-- identifier -->
                  <routing-instance>...</routing-instance>
                </logical-system>
              </server>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/domain/ interface/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <domain>
              <interface>
                <server>
                  <logical-system>
                    <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                    <routing-instance>routing-instance</routing-instance>
                  </logical-system>
                </server>
              </interface>
            </domain>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/domain/ server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <domain>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </domain>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/port/ interface/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <port>
              <interface>
                <server>
                  <logical-system>
                    <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                    <routing-instance>routing-instance</routing-instance>
                  </logical-system>
                </server>
              </interface>
            </port>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/port/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <port>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </port>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/tftp/ interface/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <tftp>
              <interface>
                <server>
                  <logical-system>
                    <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                    <routing-instance>routing-instance</routing-instance>
                  </logical-system>
                </server>
              </interface>
            </tftp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/tftp/server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <tftp>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </tftp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/bootp/interface/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <interface>
              <server>
                <logical-system>
                  <name>name</name>     <!-- identifier -->
                  <routing-instance>...</routing-instance>
                </logical-system>
              </server>
            </interface>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/bootp/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <server>
              <logical-system>
                <name>name</name>     <!-- identifier -->
                <routing-instance>...</routing-instance>
              </logical-system>
            </server>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/domain/interface/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <domain>
            <interface>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </interface>
          </domain>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/domain/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <domain>
            <server>
              <logical-system>
                <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                <routing-instance>routing-instance</routing-instance>
              </logical-system>
            </server>
          </domain>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/port/interface/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <port>
            <interface>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </interface>
          </port>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/port/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <port>
            <server>
              <logical-system>
                <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                <routing-instance>routing-instance</routing-instance>
              </logical-system>
            </server>
          </port>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/tftp/interface/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <tftp>
            <interface>
              <server>
                <logical-system>
                  <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                  <routing-instance>routing-instance</routing-instance>
                </logical-system>
              </server>
            </interface>
          </tftp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/routing-instances/instance/ forwarding-options/helpers/tftp/server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <tftp>
            <server>
              <logical-system>
                <logical-system-name>logical-system-name
                        </logical-system-name>     <!-- mandatory -->
                <routing-instance>routing-instance</routing-instance>
              </logical-system>
            </server>
          </tftp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Logical system of server to which to forward.

Contents <logical-system-name>—Name of logical system.

<routing-instance>—Routing instance of server to which to forward.

<logical-system> (configuration/services/rpm/bgp)

Usage

```
<configuration>
  <services>
    <rpm>
      <bgp>
        <logical-system>
          <name>name</name>     <!-- identifier -->
          <routing-instances>...</routing-instances>
        </logical-system>
      </bgp>
    </rpm>
  </services>
</configuration>
```

Description Logical systems.

Contents <name>—Logical system name.

<routing-instances>—Routing instances.

<logical-system> (configuration/snmp/community)

Usage

```
<configuration>
  <snmp>
    <community>
      <logical-system>
        <name>name</name>     <!-- identifier -->
        <routing-instance>...</routing-instance>
      </logical-system>
    </community>
  </snmp>
</configuration>
```

Description Use logical-system name for v1/v2c clients.

Contents <name>—Use logical-system name for v1/v2c clients.

<routing-instance>—Use routing-instance name for v1/v2c clients.

<logical-system> (configuration/snmp/trap-options)

Usage

```
<configuration>
  <snmp>
    <trap-options>
      <logical-system>
        <name>name</name>     <!-- identifier -->
        <routing-instance>...</routing-instance>
      </logical-system>
    </trap-options>
  </snmp>
</configuration>
```

Description Use logical-system name for source-address.

Contents <name>—Use logical-system name for source-address.

<routing-instance>—Use routing-instance name for source-address.

<logical-systems> (configuration)

Usage

```
<configuration>
  <logical-systems>
    <name>name</name>     <!-- identifier -->
    <interfaces>...</interfaces>
    <protocols>...</protocols>
    <policy-options>...</policy-options>
    <routing-instances>...</routing-instances>
    <routing-options>...</routing-options>
    <forwarding-options>...</forwarding-options>
    <system>...</system>
    <access>...</access>
    <access-profile>...</access-profile>
    <firewall>...</firewall>
  </logical-systems>
</configuration>
```

Description Logical systems.

Contents

<access>—Network access configuration.

<access-profile>—Access profile for this instance.

<firewall>—Define a firewall configuration.

<forwarding-options>—Configure options to control packet forwarding.

<interfaces>—Interface configuration.

<name>—Logical system name.

<policy-options>—Routing policy option configuration.

<protocols>—Routing protocol configuration.

<routing-instances>—Routing instance configuration.

<routing-options>—Protocol-independent routing option configuration.

<system>—System parameters.

<logical-widgets> (configuration/dynamic-profiles/ dyn-constraints-test)

Usage

```
<configuration>
  <dynamic-profiles>
    <dyn-constraints-test>
      <logical-widgets>
        <name>name</name>     <!-- identifier -->
      </logical-widgets>
    </dyn-constraints-test>
  </dynamic-profiles>
</configuration>
```

Description No documentation is available yet.

Contents <name>—No documentation is available yet.

<login> (configuration/system)

Usage

```
<configuration>
  <system>
    <login>
      <announcement>announcement</announcement>
      <message>message</message>
      <retry-options>...</retry-options>
      <class>...</class>
      <user>...</user>
      <password>...</password>
    </login>
  </system>
</configuration>
```

Description Names, login classes, and passwords for users.

Contents <announcement>—System announcement message (displayed after login).

<class>—Login class.

<message>—System login message.

<password>—Password configuration.

<retry-options>—Configure password retry options.

<user>—Username.

<lol> (configuration/dynamic-profiles/interfaces/interface/ sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <lol>
              <ignore/>
              <hold-time>...</hold-time>
            </lol>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LOL defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<lol> (configuration/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <lol>
            <ignore/>
            <hold-time>...</hold-time>
          </lol>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LOL defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<long-ctn> (configuration/load-update-test)

Usage

```
<configuration>
  <load-update-test>
    <long-ctn>
      <name>name</name>     <!-- identifier -->
    </long-ctn>
  </load-update-test>
</configuration>
```

Description No documentation is available yet.

Contents <name>—No documentation is available yet.

<lop-p> (configuration/dynamic-profiles/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <lop-p>
              <ignore/>
              <hold-time>...</hold-time>
            </lop-p>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LOP-P defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<lop-p> (configuration/interfaces/interface/sonet-options/ trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <lop-p>
            <ignore/>
            <hold-time>...</hold-time>
          </lop-p>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LOP-P defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<los> (configuration/dynamic-profiles/interfaces/interface/ sonet-options/trigger)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <sonet-options>
          <trigger>
            <los>
              <ignore/>
              <hold-time>...</hold-time>
            </los>
          </trigger>
        </sonet-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description LOS defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

<los> (configuration/interfaces/interface/sonet-options/trigger)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <sonet-options>
        <trigger>
          <los>
            <ignore/>
            <hold-time>...</hold-time>
          </los>
        </trigger>
      </sonet-options>
    </interface>
  </interfaces>
</configuration>
```

Description LOS defect trigger.

Contents <hold-time>—Delay before marking interface up or down for defect.

<ignore>—Ignore the defect.

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

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <dscp>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-points>...</code-points>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </dscp>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <dscp-ipv6>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-points>...</code-points>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </dscp-ipv6>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <ieee-802.1>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-points>...</code-points>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </ieee-802.1>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <inet-precedence>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-points>...</code-points>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </inet-precedence>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

```
<configuration>
  <class-of-service>
    <loss-priority-maps>
      <frame-relay-de>
        <loss-priority>
          <name>name</name>     <!-- identifier -->
          <code-points>...</code-points>     <!-- mandatory -->
        </loss-priority>
      </frame-relay-de>
    </loss-priority-maps>
  </class-of-service>
</configuration>
```

Description Map code points to a loss priority.

Contents <code-points>—List of bit strings.

<name>—No documentation is available yet.

- high—Code points to classify to high loss priority.
- low—Code points to classify to low loss priority.
- medium-high—Code points to classify to medium-high loss priority.
- medium-low—Code points to classify to medium-low loss priority.

<loss-priority> (configuration/class-of-service/rewrite-rules/ dscp/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <dscp>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </dscp>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ dscp-ipv6/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <dscp-ipv6>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </dscp-ipv6>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ exp/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <exp>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </exp>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ frame-relay-de/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <frame-relay-de>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </frame-relay-de>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ ieee-802.1/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <ieee-802.1>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </ieee-802.1>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ ieee-802.1ad/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <ieee-802.1ad>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </ieee-802.1ad>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/class-of-service/rewrite-rules/ inet-precedence/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <inet-precedence>
        <forwarding-class>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <code-point>code-point</code-point>     <!-- mandatory -->
          </loss-priority>
        </forwarding-class>
      </inet-precedence>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Classify code points to a loss priority.

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

<name>—No documentation is available yet.

- high—Code points to classify to loss priority high.
- low—Code points to classify to loss priority low.
- medium-high—Code points to classify to loss priority medium-high.
- medium-low—Code points to classify to loss priority medium-low.

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

Usage

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

Description Map code points to a loss priority.

Contents <code-points>—List of bit strings.

<name>—No documentation is available yet.

- high—Code points to classify to high loss priority.
- low—Code points to classify to low loss priority.
- medium-high—Code points to classify to medium-high loss priority.
- medium-low—Code points to classify to medium-low loss priority.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/dscp/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <dscp>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </dscp>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/dscp-ipv6/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <dscp-ipv6>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </dscp-ipv6>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/exp/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <exp>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </exp>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/frame-relay-de/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <frame-relay-de>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </frame-relay-de>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/ieee-802.1/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <ieee-802.1>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </ieee-802.1>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/ieee-802.1ad/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <ieee-802.1ad>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </ieee-802.1ad>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

<loss-priority> (configuration/dynamic-profiles/ class-of-service/rewrite-rules/inet-precedence/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <inet-precedence>
          <forwarding-class>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
              <code-point>code-point</code-point>     <!-- mandatory -->
            </loss-priority>
          </forwarding-class>
        </inet-precedence>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Code point marking based on loss priority.

Contents <code-point>—Code point aliases or bit string.

<name>—No documentation is available yet.

- high—Marking when loss priority is high.
- low—Marking when loss priority is low.
- medium-high—Marking when loss priority is medium-high.
- medium-low—Marking when loss priority is medium-low.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <gigether-options>
          <ethernet-switch-profile>
            <ethernet-policer-profile>
              <output-priority-map>
                <classifier>
                  <premium>
                    <forwarding-class>
                      <loss-priority>
                        <name>name</name>     <!-- identifier -->
                      </loss-priority>
                    </forwarding-class>
                  </premium>
                </classifier>
              </output-priority-map>
            </ethernet-policer-profile>
          </ethernet-switch-profile>
        </gigether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Select a loss priority.

Contents <name>—No documentation is available yet.

- high—Select high loss priority as premium policer.
- low—Select low loss priority as premium policer.

<loss-priority> (configuration/firewall/family/any/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <any>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </any>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/bridge/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/ccc/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ccc>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </ccc>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/inet/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/inet6/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/mpls/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <mpls>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </mpls>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/family/vpls/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <loss-priority>
                <name>name</name>     <!-- identifier -->
              </loss-priority>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
          </loss-priority>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/firewall/three-color-policer/action)

Usage

```
<configuration>
  <firewall>
    <three-color-policer>
      <action>
        <loss-priority>
          <name>name</name>     <!-- identifier -->
          <then>...</then>
        </loss-priority>
      </action>
    </three-color-policer>
  </firewall>
</configuration>
```

Description Loss priority for packet.

Contents <name>—Loss priority for packet.

- high—High loss priority.

<then>—Action to take if the rate limits are exceeded.

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

Usage

```
<configuration>
  <interfaces>
    <interface>
      <gigether-options>
        <ethernet-switch-profile>
          <ethernet-policer-profile>
            <output-priority-map>
              <classifier>
                <premium>
                  <forwarding-class>
                    <loss-priority>
                      <name>name</name>     <!-- identifier -->
                    </loss-priority>
                  </forwarding-class>
                </premium>
              </classifier>
            </output-priority-map>
          </ethernet-policer-profile>
        </ethernet-switch-profile>
      </gigether-options>
    </interface>
  </interfaces>
</configuration>
```

Description Select a loss priority.

Contents <name>—No documentation is available yet.

- high—Select high loss priority as premium policer.
- low—Select low loss priority as premium policer.

<loss-priority> (configuration/logical-systems/firewall/family/ any/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <any>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </any>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ ccc/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ccc>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </ccc>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ mpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <mpls>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </mpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/family/ vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <loss-priority>
                  <name>name</name>     <!-- identifier -->
                </loss-priority>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/filter/ term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <loss-priority>
              <name>name</name>     <!-- identifier -->
            </loss-priority>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority> (configuration/logical-systems/firewall/ three-color-policer/action)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <three-color-policer>
        <action>
          <loss-priority>
            <name>name</name>     <!-- identifier -->
            <then>...</then>
          </loss-priority>
        </action>
      </three-color-policer>
    </firewall>
  </logical-systems>
</configuration>
```

Description Loss priority for packet.

Contents <name>—Loss priority for packet.

- high—High loss priority.

<then>—Action to take if the rate limits are exceeded.

<loss-priority-except> (configuration/firewall/family/any/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <any>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </any>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/bridge/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/ccc/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ccc>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </ccc>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/inet6/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/mpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <mpls>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </mpls>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/family/vpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <loss-priority-except>
                <name>name</name>     <!-- identifier -->
              </loss-priority-except>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <loss-priority-except>
            <name>name</name>     <!-- identifier -->
          </loss-priority-except>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/any/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <any>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </any>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/ccc/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ccc>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </ccc>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/mpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <mpls>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </mpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <loss-priority-except>
                  <name>name</name>     <!-- identifier -->
                </loss-priority-except>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-except> (configuration/logical-systems/firewall/ filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <loss-priority-except>
              <name>name</name>     <!-- identifier -->
            </loss-priority-except>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Loss Priority.

Contents <name>—No documentation is available yet.

- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<loss-priority-maps> (configuration/class-of-service)

Usage

```
<configuration>
  <class-of-service>
    <loss-priority-maps>
      <frame-relay-de>...</frame-relay-de>
    </loss-priority-maps>
  </class-of-service>
</configuration>
```

Description Map loss priority of incoming packets based on code point value.

Contents <frame-relay-de>—Frame relay discard eligible bit loss priority map.

<loss-priority-maps> (configuration/class-of-service/interfaces/ interface/unit)

Usage

```
<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <loss-priority-maps>
            <frame-relay-de>...</frame-relay-de>
          </loss-priority-maps>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>
```

Description Loss priority maps applied to incoming packets.

Contents <frame-relay-de>—Frame Relay discard eligible bit loss priority map.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <loss-priority-maps>
        <frame-relay-de>...</frame-relay-de>
      </loss-priority-maps>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Map loss priority of incoming packets based on code point value.

Contents <frame-relay-de>—Frame relay discard eligible bit loss priority map.

<loss-priority-maps> (configuration/dynamic-profiles/ class-of-service/interfaces/interface/unit)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <loss-priority-maps>
              <frame-relay-de>...</frame-relay-de>
            </loss-priority-maps>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Loss priority maps applied to incoming packets.

Contents <frame-relay-de>—Frame Relay discard eligible bit loss priority map.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <prefix-list-filter>
              <install-nexthop>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </install-nexthop>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <prefix-list-filter>
              <install-nexthop>
                <except>
                  <lsp>
                    <name>name</name>     <!-- identifier -->
                  </lsp>
                </except>
              </install-nexthop>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <install-nexthop>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </install-nexthop>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <install-nexthop>
                <except>
                  <lsp>
                    <name>name</name>     <!-- identifier -->
                  </lsp>
                </except>
              </install-nexthop>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

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

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <source-address-filter>
              <install-nexthop>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </install-nexthop>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <source-address-filter>
              <install-nexthop>
                <except>
                  <lsp>
                    <name>name</name>     <!-- identifier -->
                  </lsp>
                </except>
              </install-nexthop>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/term/then/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/term/then/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/then/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <install-nexthop>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </install-nexthop>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/logical-systems/policy-options/ policy-statement/then/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <install-nexthop>
            <except>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </except>
          </install-nexthop>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <install-nexthop>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </install-nexthop>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <install-nexthop>
            <except>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </except>
          </install-nexthop>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ route-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <install-nexthop>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </install-nexthop>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ route-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <install-nexthop>
            <except>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </except>
          </install-nexthop>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ source-address-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <install-nexthop>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </install-nexthop>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/from/ source-address-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <install-nexthop>
            <except>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </except>
          </install-nexthop>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ route-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ route-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ source-address-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <install-nexthop>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </install-nexthop>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/from/ source-address-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <install-nexthop>
              <except>
                <lsp>
                  <name>name</name>     <!-- identifier -->
                </lsp>
              </except>
            </install-nexthop>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/then/ install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <install-nexthop>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </install-nexthop>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/term/then/ install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <install-nexthop>
            <except>
              <lsp>
                <name>name</name>     <!-- identifier -->
              </lsp>
            </except>
          </install-nexthop>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/then/ install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <install-nexthop>
          <lsp>
            <name>name</name>     <!-- identifier -->
          </lsp>
        </install-nexthop>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp> (configuration/policy-options/policy-statement/then/ install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <install-nexthop>
          <except>
            <lsp>
              <name>name</name>     <!-- identifier -->
            </lsp>
          </except>
        </install-nexthop>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name.

Contents <name>—Next-hop LSP name.

<lsp-attributes> (configuration/logical-systems/protocols/mpls/ label-switched-path)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <label-switched-path>
          <lsp-attributes>
            <signal-bandwidth>signal-bandwidth-choice</signal-bandwidth>
            <switching-type>switching-type-choice</switching-type>     <!-- mandatory
-->
            <encoding-type>encoding-type-choice</encoding-type>
            <gpid>gpid-choice</gpid>
          </lsp-attributes>
        </label-switched-path>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Attributes for generalized LSP.

Contents <encoding-type>—LSP encoding type desired.

- ethernet—Ethernet encoding.
- packet—Packet encoding.
- pdh—PDH encoding.
- sonet-sdh—SONET-SDH encoding.

<gpid>—Generalized PID.

- ethernet—No documentation is available yet.
- hdlc—No documentation is available yet.
- ipv4—No documentation is available yet.
- pos-no-scrambling-crc-16—No documentation is available yet.
- pos-no-scrambling-crc-32—No documentation is available yet.
- pos-scrambling-crc-16—No documentation is available yet.
- pos-scrambling-crc-32—No documentation is available yet.
- ppp—No documentation is available yet.

<signal-bandwidth>—Signal bandwidth for the LSP.

- 10gigether—10000.00 Mbps.

- ds1—1.544 Mbps.
- ds3—44.736 Mbps.
- e1—2.048 Mbps.
- e3—34.368 Mbps.
- ethernet—10 Mbps.
- fastether—100.00 Mbps.
- gigether—1000.00 Mbps.
- stm-1—155.52 Mbps.
- stm-16—2488.32 Mbps.
- stm-256—39813.12 Mbps.
- stm-4—622.08 Mbps.
- stm-64—9953.28 Mbps.
- sts-1—51.84 Mbps.
- vt1-5—1.728 Mbps.
- vt2—2.304 Mbps.

<switching-type>—LSP switching type desired.

- fiber—Fiber switching.
- lambda—Lambda switching.
- psc-1—Packet switching.
- tdm—TDM switching.

<lsp-attributes> (configuration/protocols/mpls/ label-switched-path)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <label-switched-path>
        <lsp-attributes>
          <signal-bandwidth>signal-bandwidth-choice</signal-bandwidth>
          <switching-type>switching-type-choice</switching-type>     <!-- mandatory -->
          <encoding-type>encoding-type-choice</encoding-type>
          <gpid>gpid-choice</gpid>
        </lsp-attributes>
      </label-switched-path>
    </mpls>
  </protocols>
</configuration>
```

Description Attributes for generalized LSP.

Contents <encoding-type>—LSP encoding type desired.

- ethernet—Ethernet encoding.
- packet—Packet encoding.
- pdh—PDH encoding.
- sonet-sdh—SONET-SDH encoding.

<gpid>—Generalized PID.

- ethernet—No documentation is available yet.
- hdlc—No documentation is available yet.
- ipv4—No documentation is available yet.
- pos-no-scrambling-crc-16—No documentation is available yet.
- pos-no-scrambling-crc-32—No documentation is available yet.
- pos-scrambling-crc-16—No documentation is available yet.
- pos-scrambling-crc-32—No documentation is available yet.
- ppp—No documentation is available yet.

<signal-bandwidth>—Signal bandwidth for the LSP.

- 10gigether—10000.00 Mbps.
- ds1—1.544 Mbps.
- ds3—44.736 Mbps.

- e1—2.048 Mbps.
- e3—34.368 Mbps.
- ethernet—10 Mbps.
- fastether—100.00 Mbps.
- gigether—1000.00 Mbps.
- stm-1—155.52 Mbps.
- stm-16—2488.32 Mbps.
- stm-256—39813.12 Mbps.
- stm-4—622.08 Mbps.
- stm-64—9953.28 Mbps.
- sts-1—51.84 Mbps.
- vt1-5—1.728 Mbps.
- vt2—2.304 Mbps.

<switching-type>—LSP switching type desired.

- fiber—Fiber switching.
- lambda—Lambda switching.
- psc-1—Packet switching.
- tdm—TDM switching.

<lsp-next-hop> (configuration/class-of-service/ forwarding-policy/next-hop-map/forwarding-class)

Usage

```
<configuration>
  <class-of-service>
    <forwarding-policy>
      <next-hop-map>
        <forwarding-class>
          <lsp-next-hop>
            <name>name</name>     <!-- identifier -->
          </lsp-next-hop>
        </forwarding-class>
      </next-hop-map>
    </forwarding-policy>
  </class-of-service>
</configuration>
```

Description Regular expression for LSP next hop.

Contents <name>—Regular expression for LSP next hop.

<lsp-next-hop> (configuration/dynamic-profiles/class-of-service/ forwarding-policy/next-hop-map/forwarding-class)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <forwarding-policy>
        <next-hop-map>
          <forwarding-class>
            <lsp-next-hop>
              <name>name</name>     <!-- identifier -->
            </lsp-next-hop>
          </forwarding-class>
        </next-hop-map>
      </forwarding-policy>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Regular expression for LSP next hop.

Contents <name>—Regular expression for LSP next hop.

<lsp-next-hop> (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>
                <lsp-next-hop>
                  <name>name</name>     <!-- identifier -->
                  <preference>preference</preference>
                  <metric>metric</metric>
                </lsp-next-hop>
              </iso-route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <route>
                <lsp-next-hop>
                  <name>name</name>     <!-- identifier -->
                  <preference>preference</preference>
                  <metric>metric</metric>
                </lsp-next-hop>
              </route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <iso-route>
              <lsp-next-hop>
                <name>name</name>     <!-- identifier -->
                <preference>preference</preference>
                <metric>metric</metric>
              </lsp-next-hop>
            </iso-route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/logical-systems/routing-instances/ instance/routing-options/static/route)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <route>
              <lsp-next-hop>
                <name>name</name>     <!-- identifier -->
                <preference>preference</preference>
                <metric>metric</metric>
              </lsp-next-hop>
            </route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/logical-systems/routing-options/ rib/static/iso-route)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <iso-route>
            <lsp-next-hop>
              <name>name</name>     <!-- identifier -->
              <preference>preference</preference>
              <metric>metric</metric>
            </lsp-next-hop>
          </iso-route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/logical-systems/routing-options/ rib/static/route)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <route>
            <lsp-next-hop>
              <name>name</name>     <!-- identifier -->
              <preference>preference</preference>
              <metric>metric</metric>
            </lsp-next-hop>
          </route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/logical-systems/routing-options/ static/iso-route)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <iso-route>
          <lsp-next-hop>
            <name>name</name>     <!-- identifier -->
            <preference>preference</preference>
            <metric>metric</metric>
          </lsp-next-hop>
        </iso-route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/logical-systems/routing-options/ static/route)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <route>
          <lsp-next-hop>
            <name>name</name>     <!-- identifier -->
            <preference>preference</preference>
            <metric>metric</metric>
          </lsp-next-hop>
        </route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-instances/instance/ routing-options/rib/static/iso-route)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <iso-route>
              <lsp-next-hop>
                <name>name</name>     <!-- identifier -->
                <preference>preference</preference>
                <metric>metric</metric>
              </lsp-next-hop>
            </iso-route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-instances/instance/ routing-options/rib/static/route)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <route>
              <lsp-next-hop>
                <name>name</name>     <!-- identifier -->
                <preference>preference</preference>
                <metric>metric</metric>
              </lsp-next-hop>
            </route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-instances/instance/ routing-options/static/iso-route)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <iso-route>
            <lsp-next-hop>
              <name>name</name>     <!-- identifier -->
              <preference>preference</preference>
              <metric>metric</metric>
            </lsp-next-hop>
          </iso-route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-instances/instance/ routing-options/static/route)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <route>
            <lsp-next-hop>
              <name>name</name>     <!-- identifier -->
              <preference>preference</preference>
              <metric>metric</metric>
            </lsp-next-hop>
          </route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-options/rib/static/ iso-route)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <iso-route>
          <lsp-next-hop>
            <name>name</name>     <!-- identifier -->
            <preference>preference</preference>
            <metric>metric</metric>
          </lsp-next-hop>
        </iso-route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-options/rib/static/route)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <route>
          <lsp-next-hop>
            <name>name</name>     <!-- identifier -->
            <preference>preference</preference>
            <metric>metric</metric>
          </lsp-next-hop>
        </route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-options/static/iso-route)

Usage

```
<configuration>
  <routing-options>
    <static>
      <iso-route>
        <lsp-next-hop>
          <name>name</name>     <!-- identifier -->
          <preference>preference</preference>
          <metric>metric</metric>
        </lsp-next-hop>
      </iso-route>
    </static>
  </routing-options>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-next-hop> (configuration/routing-options/static/route)

Usage

```
<configuration>
  <routing-options>
    <static>
      <route>
        <lsp-next-hop>
          <name>name</name>     <!-- identifier -->
          <preference>preference</preference>
          <metric>metric</metric>
        </lsp-next-hop>
      </route>
    </static>
  </routing-options>
</configuration>
```

Description LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <route-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </route-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/from/source-address-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <from>
          <source-address-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </source-address-filter>
        </from>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <prefix-list-filter>
              <install-nexthop>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </install-nexthop>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/prefix-list-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <prefix-list-filter>
              <install-nexthop>
                <except>
                  <lsp-regex>
                    <name>name</name>     <!-- identifier -->
                  </lsp-regex>
                </except>
              </install-nexthop>
            </prefix-list-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <install-nexthop>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </install-nexthop>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/route-filter/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <route-filter>
              <install-nexthop>
                <except>
                  <lsp-regex>
                    <name>name</name>     <!-- identifier -->
                  </lsp-regex>
                </except>
              </install-nexthop>
            </route-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <source-address-filter>
              <install-nexthop>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </install-nexthop>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/from/source-address-filter/install-nexthop/ except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <from>
            <source-address-filter>
              <install-nexthop>
                <except>
                  <lsp-regex>
                    <name>name</name>     <!-- identifier -->
                  </lsp-regex>
                </except>
              </install-nexthop>
            </source-address-filter>
          </from>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/then/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/term/then/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <term>
          <then>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </then>
        </term>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/then/install-nexthop)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <install-nexthop>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </install-nexthop>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/logical-systems/policy-options/ policy-statement/then/install-nexthop/except)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <policy-statement>
        <then>
          <install-nexthop>
            <except>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </except>
          </install-nexthop>
        </then>
      </policy-statement>
    </policy-options>
  </logical-systems>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <install-nexthop>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </install-nexthop>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <prefix-list-filter>
          <install-nexthop>
            <except>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </except>
          </install-nexthop>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ route-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <install-nexthop>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </install-nexthop>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ route-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <install-nexthop>
            <except>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </except>
          </install-nexthop>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ source-address-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <install-nexthop>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </install-nexthop>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/from/ source-address-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <from>
        <source-address-filter>
          <install-nexthop>
            <except>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </except>
          </install-nexthop>
        </source-address-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/prefix-list-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <prefix-list-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </prefix-list-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/route-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/route-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <route-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </route-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/source-address-filter/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <install-nexthop>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </install-nexthop>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ from/source-address-filter/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <from>
          <source-address-filter>
            <install-nexthop>
              <except>
                <lsp-regex>
                  <name>name</name>     <!-- identifier -->
                </lsp-regex>
              </except>
            </install-nexthop>
          </source-address-filter>
        </from>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ then/install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <install-nexthop>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </install-nexthop>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/term/ then/install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <term>
        <then>
          <install-nexthop>
            <except>
              <lsp-regex>
                <name>name</name>     <!-- identifier -->
              </lsp-regex>
            </except>
          </install-nexthop>
        </then>
      </term>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/then/ install-nexthop)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <install-nexthop>
          <lsp-regex>
            <name>name</name>     <!-- identifier -->
          </lsp-regex>
        </install-nexthop>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-regex> (configuration/policy-options/policy-statement/then/ install-nexthop/except)

Usage

```
<configuration>
  <policy-options>
    <policy-statement>
      <then>
        <install-nexthop>
          <except>
            <lsp-regex>
              <name>name</name>     <!-- identifier -->
            </lsp-regex>
          </except>
        </install-nexthop>
      </then>
    </policy-statement>
  </policy-options>
</configuration>
```

Description Next-hop LSP name regular expression.

Contents <name>—Next-hop LSP name regular expression.

<lsp-switch> (configuration/logical-systems/protocols/ connections)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <connections>
        <lsp-switch>
          <name>name</name>     <!-- identifier -->
          <transmit-lsp>transmit-lsp</transmit-lsp>     <!-- mandatory -->
          <receive-lsp>receive-lsp</receive-lsp>     <!-- mandatory -->
        </lsp-switch>
      </connections>
    </protocols>
  </logical-systems>
</configuration>
```

Description Unidirectional switch between two label-switched paths.

Contents <name>—Name of label-switched path switch.

<receive-lsp>—Name of incoming label-switched path.

<transmit-lsp>—Name of outgoing label-switched path.

<lsp-switch> (configuration/protocols/connections)

Usage

```
<configuration>
  <protocols>
    <connections>
      <lsp-switch>
        <name>name</name>     <!-- identifier -->
        <transmit-lsp>transmit-lsp</transmit-lsp>     <!-- mandatory -->
        <receive-lsp>receive-lsp</receive-lsp>     <!-- mandatory -->
      </lsp-switch>
    </connections>
  </protocols>
</configuration>
```

Description Unidirectional switch between two label-switched paths.

Contents <name>—Name of label-switched path switch.

<receive-lsp>—Name of incoming label-switched path.

<transmit-lsp>—Name of outgoing label-switched path.

<lsq-failure-options> (configuration/dynamic-profiles/ interfaces/interface)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <lsq-failure-options>
          <trigger-link-failure>...</trigger-link-failure>
          <no-termination-request/>
        </lsq-failure-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Link services queuing failure options.

Contents <no-termination-request>—Do not send PPP termination requests.

<trigger-link-failure>—Link on which to trigger failure.

<lsq-failure-options> (configuration/interfaces/interface)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <lsq-failure-options>
        <trigger-link-failure>...</trigger-link-failure>
        <no-termination-request/>
      </lsq-failure-options>
    </interface>
  </interfaces>
</configuration>
```

Description Link services queuing failure options.

Contents <no-termination-request>—Do not send PPP termination requests.

<trigger-link-failure>—Link on which to trigger failure.