Chapter 4

Tag Elements Beginning with D

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

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

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

<daemon-process> (configuration/system/processes)

Usage

```
<configuration>
  <system>
    <processes>
      <daemon-process>
        <name>name</name>     <!-- identifier -->
        <disable/>
        <failover>failover-choice</failover>
        <command>command</command>
      </daemon-process>
    </processes>
  </system>
</configuration>
```

Description No documentation is available yet.

Contents <command>—Path to binary for process.

<disable>—Disable process.

<failover>—How to handle failure of parameter.

- alternate-media—On failing, reboot off alternate media.
- other-routing-engine—On failing, switch mastership to other routing engine.

<name>—No documentation is available yet.

<damping> (configuration/logical-systems/policy-options)

Usage

```
<configuration>
  <logical-systems>
    <policy-options>
      <damping>
        <name>name</name>     <!-- identifier -->
        <disable/>
        <half-life>minutes</half-life>
        <reuse>reuse</reuse>
        <suppress>suppress</suppress>
        <max-suppress>minutes</max-suppress>
      </damping>
    </policy-options>
  </logical-systems>
</configuration>
```

Description BGP route flap damping properties.

Contents <disable>—Disable damping.

<half-life>—Decay half-life.

<max-suppress>—Maximum hold-down time.

<name>—Name to identify route flap damping parameters.

<reuse>—Reuse threshold (figure-of-merit value).

<suppress>—Cutoff threshold (figure-of-merit value).

<damping> (configuration/policy-options)

Usage

```
<configuration>
  <policy-options>
    <damping>
      <name>name</name>     <!-- identifier -->
      <disable/>
      <half-life>minutes</half-life>
      <reuse>reuse</reuse>
      <suppress>suppress</suppress>
      <max-suppress>minutes</max-suppress>
    </damping>
  </policy-options>
</configuration>
```

Description BGP route flap damping properties.

Contents <disable>—Disable damping.

<half-life>—Decay half-life.

<max-suppress>—Maximum hold-down time.

<name>—Name to identify route flap damping parameters.

<reuse>—Reuse threshold (figure-of-merit value).

<suppress>—Cutoff threshold (figure-of-merit value).

<data> (configuration/services/cos/application-profile/ftp)

Usage

```
<configuration>
  <services>
    <cos>
      <application-profile>
        <ftp>
          <data>
            <dscp>dscp</dscp>
            <forwarding-class>forwarding-class</forwarding-class>
          </data>
        </ftp>
      </application-profile>
    </cos>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <dscp>—Code point alias or bit string.

<forwarding-class>—Forwarding class assigned to outgoing packets.

<data-inactivity-detection> (configuration/services/pgcp/gateway)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <data-inactivity-detection>
          <inactivity-delay>seconds</inactivity-delay>
          <latch-deadlock-delay>seconds</latch-deadlock-delay>
          <send-notification-on-delay/>
          <inactivity-duration>seconds</inactivity-duration>
          <stop-detection-on-drop/>
          <no-rtcp-check/>
          <report-service-change>...</report-service-change>
        </data-inactivity-detection>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <inactivity-delay>—Delay before data inactivity detection starts.

<inactivity-duration>—Default data inactivity duration (Q-MI).

<latch-deadlock-delay>—Delay value used for gates employing NAPT traversal.

<no-rtcp-check>—Do not detect data inactivity on rtcp stream.

<report-service-change>—Configure the data-inactivity service-change behavior.

<send-notification-on-delay>—Send inactivity notification when delay expires.

<stop-detection-on-drop>—Stop detection when gate action is set to drop.

<data-input> (configuration/dynamic-profiles/interfaces/ interface)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <data-input>
          <system/>
          <interface>interface</interface>
        </data-input>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Configuration for drop-insert data input.

Contents <interface>—Interface that acts as data source.

<system>—Data sourced from system.

<data-input> (configuration/interfaces/interface)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <data-input>
        <system/>
        <interface>interface</interface>
      </data-input>
    </interface>
  </interfaces>
</configuration>
```

Description Configuration for drop-insert data input.

Contents <interface>—Interface that acts as data source.

<system>—Data sourced from system.

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

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <icmp>
                      <data-length>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </data-length>
                    </icmp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by ICMP header length.

Contents <match>—Match condition.

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

<value>—Match value.

<data-length> (configuration/security/idp/custom-attack/ attack-type/chain/member/attack-type/signature/protocol/tcp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <tcp>
                      <data-length>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </data-length>
                    </tcp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by TCP header length.

Contents <match>—Match condition.

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

<value>—Match value.

<data-length> (configuration/security/idp/custom-attack/ attack-type/chain/member/attack-type/signature/protocol/udp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <udp>
                      <data-length>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </data-length>
                    </udp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by UDP header length.

Contents <match>—Match condition.

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

<value>—Match value.

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

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <icmp>
                <data-length>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </data-length>
              </icmp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by ICMP header length.

Contents <match>—Match condition.

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

<value>—Match value.

<data-length> (configuration/security/idp/custom-attack/ attack-type/signature/protocol/tcp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <tcp>
                <data-length>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </data-length>
              </tcp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by TCP header length.

Contents <match>—Match condition.

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

<value>—Match value.

<data-length> (configuration/security/idp/custom-attack/ attack-type/signature/protocol/udp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <udp>
                <data-length>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </data-length>
              </udp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Size of IP datagram subtracted by UDP header length.

Contents <match>—Match condition.

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

<value>—Match value.

<database-replication> (configuration/system/services)

Usage

```
<configuration>
  <system>
    <services>
      <database-replication>
        <traceoptions>...</traceoptions>
      </database-replication>
    </services>
  </system>
</configuration>
```

Description Database replication configuration.

Contents <traceoptions>—Database replication trace options.

<datastore> (configuration/services/border-signaling-gateway/ gateway/traceoptions/flag)

Usage

```
<configuration>
  <services>
    <border-signaling-gateway>
      <gateway>
        <traceoptions>
          <flag>
            <datastore>
              <minimum>minimum-choice</minimum>
              <data>data-choice</data>
              <handle>handle-choice</handle>
              <db>db-choice</db>
            </datastore>
          </flag>
        </traceoptions>
      </gateway>
    </border-signaling-gateway>
  </services>
</configuration>
```

Description Datastore component sub-components.

Contents <data>—Data trace level .

- debug—Trace code flow, branching, positive style guide check.
- error—Failure with short-term affect.
- info—Summary logs for normal operations.
- trace—Trace functions entering and exiting.
- warning—Failure-recovery or Failure of an external entity.

<db>—DB trace level .

- debug—Trace code flow, branching, positive style guide check.
- error—Failure with short-term affect.
- info—Summary logs for normal operations.
- trace—Trace functions entering and exiting.
- warning—Failure-recovery or Failure of an external entity.

<handle>—Handle trace level .

- debug—Trace code flow, branching, positive style guide check.
- error—Failure with short-term affect.
- info—Summary logs for normal operations.

- trace—Trace functions entering and exiting.
- warning—Failure-recovery or Failure of an external entity.

<minimum>—Minimum trace level for the datastore subcomponents.

- debug—Trace code flow, branching, positive style guide check.
- error—Failure with short-term affect.
- info—Summary logs for normal operations.
- trace—Trace functions entering and exiting.
- warning—Failure-recovery or Failure of an external entity.

<dce-options> (configuration/dynamic-profiles/interfaces/ interface/serial-options)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <serial-options>
          <dce-options>
            <ignore-all/>
            <dtr>dtr-choice</dtr>
            <rts>rts-choice</rts>
            <dcd>dcd-choice</dcd>
            <dsr>dsr-choice</dsr>
            <cts>cts-choice</cts>
            <tm>tm-choice</tm>
            <dce-loopback-override/>
          </dce-options>
        </serial-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description DCE options.

Contents <cts>—Clear To Send signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dcd>—Data Carrier Detect signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dce-loopback-override>—DCE loopback override.

<dsr>—Data Set Ready signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dtr>—Data Transmit Ready signal handling.

- ignore—Ignore Data Carrier Detect (DCD) signal.

- normal—Normal Data Carrier Detect (DCD) signal.
- require—Require Data Carrier Detect (DCD) signal.

<ignore-all>—Ignore all control leads.

<rts>—Request To Send signal handling.

- ignore—Ignore Data Carrier Detect (DCD) signal.
- normal—Normal Data Carrier Detect (DCD) signal.
- require—Require Data Carrier Detect (DCD) signal.

<tm>—Test Mode signal handling.

- ignore—Ignore TM signal.
- normal—Normal TM signal.
- require—Require TM signal.

<dce-options> (configuration/interfaces/interface/serial-options)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <serial-options>
        <dce-options>
          <ignore-all/>
          <dtr>dtr-choice</dtr>
          <rts>rts-choice</rts>
          <dcd>dcd-choice</dcd>
          <dsr>dsr-choice</dsr>
          <cts>cts-choice</cts>
          <tm>tm-choice</tm>
          <dce-loopback-override/>
        </dce-options>
      </serial-options>
    </interface>
  </interfaces>
</configuration>
```

Description DCE options.

Contents <cts>—Clear To Send signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dcd>—Data Carrier Detect signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dce-loopback-override>—DCE loopback override.

<dsr>—Data Set Ready signal handling.

- assert—Assert Request To Send (RTS) signal.
- de-assert—Deassert Request To Send (RTS) signal.
- normal—Normal Request To Send (RTS) signal.

<dtr>—Data Transmit Ready signal handling.

- ignore—Ignore Data Carrier Detect (DCD) signal.
- normal—Normal Data Carrier Detect (DCD) signal.

- require—Require Data Carrier Detect (DCD) signal.

<ignore-all>—Ignore all control leads.

<rts>—Request To Send signal handling.

- ignore—Ignore Data Carrier Detect (DCD) signal.
- normal—Normal Data Carrier Detect (DCD) signal.
- require—Require Data Carrier Detect (DCD) signal.

<tm>—Test Mode signal handling.

- ignore—Ignore TM signal.
- normal—Normal TM signal.
- require—Require TM signal.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <default>
                <timeout>minutes</timeout>
                <no-supervision/>
                <measurement-type>measurement-type-choice</measurement-type>
              </default>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default timeout settings.

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

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

<no-supervision>—Don't allow default idle supervision.

<timeout>—Maximum continuous idle time for a context.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <session-timeout>
              <default>
                <timeout>minutes</timeout>
                <no-supervision/>
                <measurement-type>measurement-type-choice</measurement-type>
              </default>
            </session-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default timeout settings.

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

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

<no-supervision>—Don't allow default session supervision.

<timeout>—Maximum duration for a context.

<default> (configuration/services/ggsn/apn/qos-control/profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <qos-control>
          <profile>
            <default>
              <quality-of-service>...</quality-of-service>
              <default-quality-of-service>...</default-quality-of-service>
            </default>
          </profile>
        </qos-control>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default QoS.

Contents <default-quality-of-service>—Default quality of service.

<quality-of-service>—Quality of service.

<default> (configuration/services/ggsn/apn/roaming)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <roaming>
          <default>
            <rat-type>...</rat-type>
            <roaming-class>roaming-class</roaming-class>     <!-- mandatory -->
          </default>
        </roaming>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default roaming class.

Contents <rat-type>—Radio Access Type.

<roaming-class>—Roaming class for any radio access type.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <user-category>
          <default>
            <rule-space>...</rule-space>
            <pdp-context>...</pdp-context>
            <policy-control-static-profile>policy-control-static-profile
                </policy-control-static-profile>
            <policy-control-dynamic-profile>policy-control-dynamic-profile
                </policy-control-dynamic-profile>
            <policy-control-dynamic-gx-profile>policy-control-dynamic-gx-profile
                </policy-control-dynamic-gx-profile>
            <rating-control-profile>rating-control-profile</rating-control-profile>
            <credit-control-profile>credit-control-profile</credit-control-profile>
            <credit-control-ro-profile>credit-control-ro-profile
                </credit-control-ro-profile>
            <charging-unit-profile>charging-unit-profile</charging-unit-profile>
            <block-based-charging-profile>block-based-charging-profile
                </block-based-charging-profile>
            <qos-control-profile>qos-control-profile</qos-control-profile>
          </default>
        </user-category>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default user category.

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

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

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

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

<pdp-context>—PDP context settings.

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

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

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

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

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

<rule-space>—Default rule space settings.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <idle-timeout>
            <default>
              <timeout>minutes</timeout>     <!-- mandatory -->
              <measurement-type>measurement-type-choice</measurement-type>
            </default>
          </idle-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Default timeout settings.

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

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

<timeout>—Maximum consecutive idle minutes for a context.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <default>
              <timeout>minutes</timeout>     <!-- mandatory -->
              <measurement-type>measurement-type-choice</measurement-type>
            </default>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Default timeout settings.

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

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

<timeout>—Maximum duration for a context.

<default> (configuration/services/ggsn/rule-space/rating-group)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <rating-group>
          <default>
            <default-rating-group>default-rating-group</default-rating-group>
            <use-service-id/>
          </default>
        </rating-group>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default rating group.

Contents <default-rating-group>—Use this rating group if not found in map table.

<use-service-id>—Use the service-id as a rating-group.

<default> (configuration/services/ggsn/service-set/ service-identification/service-id)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-set>
        <service-identification>
          <service-id>
            <default>
              <payload>payload</payload>
            </default>
          </service-id>
        </service-identification>
      </service-set>
    </ggsn>
  </services>
</configuration>
```

Description Default ID for packet content.

Contents <payload>—Identifier for all payload.

<default-actions> (configuration/logical-systems/protocols/oam/ ethernet/connectivity-fault-management/action-profile)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <oam>
        <ethernet>
          <connectivity-fault-management>
            <action-profile>
              <default-actions>
                <interface-down/>
              </default-actions>
            </action-profile>
          </connectivity-fault-management>
        </ethernet>
      </oam>
    </protocols>
  </logical-systems>
</configuration>
```

Description Action that needs to be taken.

Contents <interface-down>—Bring the interface down.

<default-actions> (configuration/protocols/oam/ethernet/ connectivity-fault-management/action-profile)

Usage

```
<configuration>
  <protocols>
    <oam>
      <ethernet>
        <connectivity-fault-management>
          <action-profile>
            <default-actions>
              <interface-down/>
            </default-actions>
          </action-profile>
        </connectivity-fault-management>
      </ethernet>
    </oam>
  </protocols>
</configuration>
```

Description Action that needs to be taken.

Contents <interface-down>—Bring the interface down.

<default-context-prefix> (configuration/snmp/v3/vacm/access/ group)

Usage

```
<configuration>
  <snmp>
    <v3>
      <vacm>
        <access>
          <group>
            <default-context-prefix>
              <security-model>...</security-model>
            </default-context-prefix>
          </group>
        </access>
      </vacm>
    </v3>
  </snmp>
</configuration>
```

Description Default context-prefix access configuration.

Contents <security-model>—Security model access configuration.

<default-lsa> (configuration/logical-systems/protocols/ospf/ area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf>
        <area>
          <nssa>
            <default-lsa>
              <default-metric>default-metric</default-metric>
              <metric-type>metric-type</metric-type>
              <type-7/>
            </default-lsa>
          </nssa>
        </area>
      </ospf>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/logical-systems/protocols/ospf3/ area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <area>
          <nssa>
            <default-lsa>
              <default-metric>default-metric</default-metric>
              <metric-type>metric-type</metric-type>
              <type-7/>
            </default-lsa>
          </nssa>
        </area>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/logical-systems/protocols/ospf3/ realm/area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <realm>
          <area>
            <nssa>
              <default-lsa>
                <default-metric>default-metric</default-metric>
                <metric-type>metric-type</metric-type>
                <type-7/>
              </default-lsa>
            </nssa>
          </area>
        </realm>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/logical-systems/routing-instances/ instance/protocols/ospf/area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <area>
              <nssa>
                <default-lsa>
                  <default-metric>default-metric</default-metric>
                  <metric-type>metric-type</metric-type>
                  <type-7/>
                </default-lsa>
              </nssa>
            </area>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/logical-systems/routing-instances/ instance/protocols/ospf3/area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <nssa>
                <default-lsa>
                  <default-metric>default-metric</default-metric>
                  <metric-type>metric-type</metric-type>
                  <type-7/>
                </default-lsa>
              </nssa>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/logical-systems/routing-instances/ instance/protocols/ospf3/realm/area/nssa)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <realm>
              <area>
                <nssa>
                  <default-lsa>
                    <default-metric>default-metric</default-metric>
                    <metric-type>metric-type</metric-type>
                    <type-7/>
                  </default-lsa>
                </nssa>
              </area>
            </realm>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/protocols/ospf/area/nssa)

Usage

```
<configuration>
  <protocols>
    <ospf>
      <area>
        <nssa>
          <default-lsa>
            <default-metric>default-metric</default-metric>
            <metric-type>metric-type</metric-type>
            <type-7/>
          </default-lsa>
        </nssa>
      </area>
    </ospf>
  </protocols>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/protocols/ospf3/area/nssa)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <area>
        <nssa>
          <default-lsa>
            <default-metric>default-metric</default-metric>
            <metric-type>metric-type</metric-type>
            <type-7/>
          </default-lsa>
        </nssa>
      </area>
    </ospf3>
  </protocols>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/protocols/ospf3/realm/area/nssa)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <realm>
        <area>
          <nssa>
            <default-lsa>
              <default-metric>default-metric</default-metric>
              <metric-type>metric-type</metric-type>
              <type-7/>
            </default-lsa>
          </nssa>
        </area>
      </realm>
    </ospf3>
  </protocols>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/routing-instances/instance/ protocols/ospf/area/nssa)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <nssa>
              <default-lsa>
                <default-metric>default-metric</default-metric>
                <metric-type>metric-type</metric-type>
                <type-7/>
              </default-lsa>
            </nssa>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/routing-instances/instance/ protocols/ospf3/area/nssa)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <area>
            <nssa>
              <default-lsa>
                <default-metric>default-metric</default-metric>
                <metric-type>metric-type</metric-type>
                <type-7/>
              </default-lsa>
            </nssa>
          </area>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-lsa> (configuration/routing-instances/instance/ protocols/ospf3/realm/area/nssa)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <nssa>
                <default-lsa>
                  <default-metric>default-metric</default-metric>
                  <metric-type>metric-type</metric-type>
                  <type-7/>
                </default-lsa>
              </nssa>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure a default LSA.

Contents <default-metric>—Metric for the default route in this area.

<metric-type>—External metric type for the default type 7 LSA.

<type-7>—Flood type 7 default LSA if no-summaries is configured.

<default-quality-of-service> (configuration/services/ggsn/apn/ qos-control/profile/default)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <qos-control>
          <profile>
            <default>
              <default-quality-of-service>
                <traffic-class>traffic-class-choice</traffic-class>
                <policy>policy-choice</policy>
                <maximum-bit-rate-uplink>kilobits</maximum-bit-rate-uplink>
                <maximum-bit-rate-downlink>kilobits</maximum-bit-rate-downlink>
                <guaranteed-bit-rate-uplink>kilobits</guaranteed-bit-rate-uplink>
                <guaranteed-bit-rate-downlink>kilobits</guaranteed-bit-rate-downlink>
                <transfer-delay>milliseconds</transfer-delay>
              </default-quality-of-service>
            </default>
          </profile>
        </qos-control>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service.

Contents <guaranteed-bit-rate-downlink>—Guaranteed downlink bit rate.

<guaranteed-bit-rate-uplink>—Guaranteed uplink bit rate.

<maximum-bit-rate-downlink>—Maximum downlink bit rate.

<maximum-bit-rate-uplink>—Maximum uplink bit rate.

<policy>—QoS policy.

- max-allowed—Maximum QoS allowed.
- min-required—Minimum QoS required.
- must—Exact QoS required.

<traffic-class>—Traffic class.

- background—Background quality of service.
- conversational—Conversational quality of service.
- interactive-1—Interactive priority 1 quality of service.
- interactive-2—Interactive priority 2 quality of service.

- interactive-3—Interactive priority 3 quality of service.
- streaming—Streaming quality of service.

<transfer-delay>—Transfer delay.

<default-quality-of-service> (configuration/services/ggsn/apn/ qos-control/profile/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <qos-control>
          <profile>
            <roaming-class>
              <default-quality-of-service>
                <traffic-class>traffic-class-choice</traffic-class>
                <policy>policy-choice</policy>
                <maximum-bit-rate-uplink>kilobits</maximum-bit-rate-uplink>
                <maximum-bit-rate-downlink>kilobits</maximum-bit-rate-downlink>
                <guaranteed-bit-rate-uplink>kilobits</guaranteed-bit-rate-uplink>
                <guaranteed-bit-rate-downlink>kilobits</guaranteed-bit-rate-downlink>
                <transfer-delay>milliseconds</transfer-delay>
              </default-quality-of-service>
            </roaming-class>
          </profile>
        </qos-control>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service.

Contents <guaranteed-bit-rate-downlink>—Guaranteed downlink bit rate.

<guaranteed-bit-rate-uplink>—Guaranteed uplink bit rate.

<maximum-bit-rate-downlink>—Maximum downlink bit rate.

<maximum-bit-rate-uplink>—Maximum uplink bit rate.

<policy>—QoS policy.

- max-allowed—Maximum QoS allowed.
- min-required—Minimum QoS required.
- must—Exact QoS required.

<traffic-class>—Traffic class.

- background—Background quality of service.
- conversational—Conversational quality of service.
- interactive-1—Interactive priority 1 quality of service.

- interactive-2—Interactive priority 2 quality of service.
- interactive-3—Interactive priority 3 quality of service.
- streaming—Streaming quality of service.

<transfer-delay>—Transfer delay.

<default-quality-of-service> (configuration/services/ggsn/apn/ qos-control/profile/sgsn-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <qos-control>
          <profile>
            <sgsn-class>
              <default-quality-of-service>
                <traffic-class>traffic-class-choice</traffic-class>
                <policy>policy-choice</policy>
                <maximum-bit-rate-uplink>kilobits</maximum-bit-rate-uplink>
                <maximum-bit-rate-downlink>kilobits</maximum-bit-rate-downlink>
                <guaranteed-bit-rate-uplink>kilobits</guaranteed-bit-rate-uplink>
                <guaranteed-bit-rate-downlink>kilobits</guaranteed-bit-rate-downlink>
                <transfer-delay>milliseconds</transfer-delay>
              </default-quality-of-service>
            </sgsn-class>
          </profile>
        </qos-control>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service.

Contents <guaranteed-bit-rate-downlink>—Guaranteed downlink bit rate.

<guaranteed-bit-rate-uplink>—Guaranteed uplink bit rate.

<maximum-bit-rate-downlink>—Maximum downlink bit rate.

<maximum-bit-rate-uplink>—Maximum uplink bit rate.

<policy>—QoS policy.

- max-allowed—Maximum QoS allowed.
- min-required—Minimum QoS required.
- must—Exact QoS required.

<traffic-class>—Traffic class.

- background—Background quality of service.
- conversational—Conversational quality of service.
- interactive-1—Interactive priority 1 quality of service.
- interactive-2—Interactive priority 2 quality of service.

- interactive-3—Interactive priority 3 quality of service.
- streaming—Streaming quality of service.

<transfer-delay>—Transfer delay.

<default-quality-of-service> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/ activation-time/default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <activation-time>
                  <default-roaming-class>
                    <default-quality-of-service>
                      <service-class>...</service-class>
                      <block-rate>block-rate</block-rate>
                    </default-quality-of-service>
                  </default-roaming-class>
                </activation-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service for rates.

Contents <block-rate>—Rate per block for volume-based and duration-time-based block charging.

<service-class>—Service class for rates.

<default-quality-of-service> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/ activation-time/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <activation-time>
                  <roaming-class>
                    <default-quality-of-service>
                      <service-class>...</service-class>
                      <block-rate>block-rate</block-rate>
                    </default-quality-of-service>
                  </roaming-class>
                </activation-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service for rates.

Contents <block-rate>—Rate per block for volume-based and duration-time-based block charging.

<service-class>—Service class for rates.

<default-quality-of-service> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/all-time/ default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <all-time>
                  <default-roaming-class>
                    <default-quality-of-service>
                      <service-class>...</service-class>
                      <block-rate>block-rate</block-rate>
                    </default-quality-of-service>
                  </default-roaming-class>
                </all-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service for rates.

Contents <block-rate>—Rate per block for volume-based and duration-time-based block charging.

<service-class>—Service class for rates.

<default-quality-of-service> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/all-time/ roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <all-time>
                  <roaming-class>
                    <default-quality-of-service>
                      <service-class>...</service-class>
                      <block-rate>block-rate</block-rate>
                    </default-quality-of-service>
                  </roaming-class>
                </all-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default quality of service for rates.

Contents <block-rate>—Rate per block for volume-based and duration-time-based block charging.

<service-class>—Service class for rates.

<default-quality-of-service> (configuration/services/ggsn/ rule-space/local-policy-control/activation-time/ default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <activation-time>
            <default-roaming-class>
              <default-quality-of-service>
                <access-control-rule>...</access-control-rule>
                <access-control-group>...</access-control-group>
              </default-quality-of-service>
            </default-roaming-class>
          </activation-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings for quality of service.

Contents <access-control-group>—Authorization settings for access control group.

<access-control-rule>—Authorization settings for access control rule identifier.

<default-quality-of-service> (configuration/services/ggsn/ rule-space/local-policy-control/activation-time/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <activation-time>
            <roaming-class>
              <default-quality-of-service>
                <access-control-rule>...</access-control-rule>
                <access-control-group>...</access-control-group>
              </default-quality-of-service>
            </roaming-class>
          </activation-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings for quality of service.

Contents <access-control-group>—Authorization settings for access control group.

<access-control-rule>—Authorization settings for access control rule identifier.

<default-quality-of-service> (configuration/services/ggsn/ rule-space/local-policy-control/all-time/default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <all-time>
            <default-roaming-class>
              <default-quality-of-service>
                <access-control-rule>...</access-control-rule>
                <access-control-group>...</access-control-group>
              </default-quality-of-service>
            </default-roaming-class>
          </all-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings for quality of service.

Contents <access-control-group>—Authorization settings for access control group.

<access-control-rule>—Authorization settings for access control rule identifier.

<default-quality-of-service> (configuration/services/ggsn/ rule-space/local-policy-control/all-time/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <all-time>
            <roaming-class>
              <default-quality-of-service>
                <access-control-rule>...</access-control-rule>
                <access-control-group>...</access-control-group>
              </default-quality-of-service>
            </roaming-class>
          </all-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings for quality of service.

Contents <access-control-group>—Authorization settings for access control group.

<access-control-rule>—Authorization settings for access control rule identifier.

<default-roaming-class> (configuration/services/ggsn/apn/ service-based-charging/block-based-charging/profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <block-based-charging>
            <profile>
              <default-roaming-class>
                <default-service-class-group>...</default-service-class-group>
                <service-class-group>...</service-class-group>
                <duration-time>...</duration-time>
                <volume>...</volume>
              </default-roaming-class>
            </profile>
          </block-based-charging>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default roaming class.

Contents <default-service-class-group>—Default service class settings for block-based charging.

<duration-time>—Duration time block settings.

<service-class-group>—Service class settings for block-based charging.

<volume>—Volume block settings.

<default-roaming-class> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/ activation-time)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <activation-time>
                  <default-roaming-class>
                    <quality-of-service>...</quality-of-service>
                    <default-quality-of-service>...
                    </default-quality-of-service>     <!-- mandatory -->
                  </default-roaming-class>
                </activation-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default roaming class for rates.

Contents <default-quality-of-service>—Default quality of service for rates.

<quality-of-service>—Quality of service for rates.

<default-roaming-class> (configuration/services/ggsn/apn/ service-based-charging/policy-control/static/profile/all-time)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <static>
              <profile>
                <all-time>
                  <default-roaming-class>
                    <quality-of-service>...</quality-of-service>
                    <default-quality-of-service>...
                        </default-quality-of-service>     <!-- mandatory -->
                  </default-roaming-class>
                </all-time>
              </profile>
            </static>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default roaming class for rates.

Contents <default-quality-of-service>—Default quality of service for rates.

<quality-of-service>—Quality of service for rates.

<default-roaming-class> (configuration/services/ggsn/rule-space/ local-policy-control/activation-time)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <activation-time>
            <default-roaming-class>
              <quality-of-service>...</quality-of-service>
              <default-quality-of-service>...
                        </default-quality-of-service>     <!-- mandatory -->
            </default-roaming-class>
          </activation-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings to use on no match.

Contents <default-quality-of-service>—Default authorization settings for quality of service.

<quality-of-service>—Authorization settings for quality of service.

<default-roaming-class> (configuration/services/ggsn/rule-space/ local-policy-control/all-time)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <local-policy-control>
          <all-time>
            <default-roaming-class>
              <quality-of-service>...</quality-of-service>
              <default-quality-of-service>...
                        </default-quality-of-service>     <!-- mandatory -->
            </default-roaming-class>
          </all-time>
        </local-policy-control>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description Default authorization settings for roaming class .

Contents <default-quality-of-service>—Default authorization settings for quality of service.

<quality-of-service>—Authorization settings for quality of service.

<default-service-class-group> (configuration/services/ggsn/apn/ service-based-charging/block-based-charging/profile/ default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <block-based-charging>
            <profile>
              <default-roaming-class>
                <default-service-class-group>
                  <active-time>...</active-time>
                  <volume>...</volume>
                </default-service-class-group>
              </default-roaming-class>
            </profile>
          </block-based-charging>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default service class settings for block-based charging.

Contents <active-time>—Active time block settings.

<volume>—Volume block settings.

<default-service-class-group> (configuration/services/ggsn/apn/ service-based-charging/block-based-charging/profile/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <block-based-charging>
            <profile>
              <roaming-class>
                <default-service-class-group>
                  <active-time>...</active-time>
                  <volume>...</volume>
                </default-service-class-group>
              </roaming-class>
            </profile>
          </block-based-charging>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Default service class settings for block-based charging.

Contents <active-time>—Active time block settings.

<volume>—Volume block settings.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <aggregate>
            <defaults>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
              <discard/>
              <brief/>
              <full/>
              <active/>
              <passive/>
            </defaults>
          </aggregate>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <generate>
            <defaults>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
              <discard/>
              <brief/>
              <full/>
              <active/>
              <passive/>
            </defaults>
          </generate>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <aggregate>
              <defaults>
                <metric>...</metric>
                <metric2>...</metric2>
                <metric3>...</metric3>
                <metric4>...</metric4>
                <tag>...</tag>
                <tag2>...</tag2>
                <preference>...</preference>
                <preference2>...</preference2>
                <color>...</color>
                <color2>...</color2>
                <community>...</community>
                <as-path>...</as-path>
                <discard/>
                <brief/>
                <full/>
                <active/>
                <passive/>
              </defaults>
            </aggregate>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <generate>
              <defaults>
                <metric>...</metric>
                <metric2>...</metric2>
                <metric3>...</metric3>
                <metric4>...</metric4>
                <tag>...</tag>
                <tag2>...</tag2>
                <preference>...</preference>
                <preference2>...</preference2>
                <color>...</color>
                <color2>...</color2>
                <community>...</community>
                <as-path>...</as-path>
                <discard/>
                <brief/>
                <full/>
                <active/>
                <passive/>
              </defaults>
            </generate>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <defaults>
                <retain/>
                <install/>
                <readvertise/>
                <resolve/>
                <active/>
                <passive/>
                <metric>...</metric>
                <metric2>...</metric2>
                <metric3>...</metric3>
                <metric4>...</metric4>
                <tag>...</tag>
                <tag2>...</tag2>
                <preference>...</preference>
                <preference2>...</preference2>
                <color>...</color>
                <color2>...</color2>
                <community>...</community>
                <as-path>...</as-path>
              </defaults>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <defaults>
              <retain/>
              <install/>
              <readvertise/>
              <resolve/>
              <active/>
              <passive/>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
            </defaults>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <aggregate>
        <defaults>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
          <discard/>
          <brief/>
          <full/>
          <active/>
          <passive/>
        </defaults>
      </aggregate>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <generate>
        <defaults>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
          <discard/>
          <brief/>
          <full/>
          <active/>
          <passive/>
        </defaults>
      </generate>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <aggregate>
          <defaults>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
            <discard/>
            <brief/>
            <full/>
            <active/>
            <passive/>
          </defaults>
        </aggregate>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <generate>
          <defaults>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
            <discard/>
            <brief/>
            <full/>
            <active/>
            <passive/>
          </defaults>
        </generate>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <defaults>
            <retain/>
            <install/>
            <readvertise/>
            <resolve/>
            <active/>
            <passive/>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
          </defaults>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <defaults>
          <retain/>
          <install/>
          <readvertise/>
          <resolve/>
          <active/>
          <passive/>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
        </defaults>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <aggregate>
          <defaults>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
            <discard/>
            <brief/>
            <full/>
            <active/>
            <passive/>
          </defaults>
        </aggregate>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <generate>
          <defaults>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
            <discard/>
            <brief/>
            <full/>
            <active/>
            <passive/>
          </defaults>
        </generate>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <aggregate>
            <defaults>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
              <discard/>
              <brief/>
              <full/>
              <active/>
              <passive/>
            </defaults>
          </aggregate>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <generate>
            <defaults>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
              <discard/>
              <brief/>
              <full/>
              <active/>
              <passive/>
            </defaults>
          </generate>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <defaults>
              <retain/>
              <install/>
              <readvertise/>
              <resolve/>
              <active/>
              <passive/>
              <metric>...</metric>
              <metric2>...</metric2>
              <metric3>...</metric3>
              <metric4>...</metric4>
              <tag>...</tag>
              <tag2>...</tag2>
              <preference>...</preference>
              <preference2>...</preference2>
              <color>...</color>
              <color2>...</color2>
              <community>...</community>
              <as-path>...</as-path>
            </defaults>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <defaults>
            <retain/>
            <install/>
            <readvertise/>
            <resolve/>
            <active/>
            <passive/>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
          </defaults>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <aggregate>
      <defaults>
        <metric>...</metric>
        <metric2>...</metric2>
        <metric3>...</metric3>
        <metric4>...</metric4>
        <tag>...</tag>
        <tag2>...</tag2>
        <preference>...</preference>
        <preference2>...</preference2>
        <color>...</color>
        <color2>...</color2>
        <community>...</community>
        <as-path>...</as-path>
        <discard/>
        <brief/>
        <full/>
        <active/>
        <passive/>
      </defaults>
    </aggregate>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <generate>
      <defaults>
        <metric>...</metric>
        <metric2>...</metric2>
        <metric3>...</metric3>
        <metric4>...</metric4>
        <tag>...</tag>
        <tag2>...</tag2>
        <preference>...</preference>
        <preference2>...</preference2>
        <color>...</color>
        <color2>...</color2>
        <community>...</community>
        <as-path>...</as-path>
        <discard/>
        <brief/>
        <full/>
        <active/>
        <passive/>
      </defaults>
    </generate>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <rib>
      <aggregate>
        <defaults>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
          <discard/>
          <brief/>
          <full/>
          <active/>
          <passive/>
        </defaults>
      </aggregate>
    </rib>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <rib>
      <generate>
        <defaults>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
          <discard/>
          <brief/>
          <full/>
          <active/>
          <passive/>
        </defaults>
      </generate>
    </rib>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<brief>—Include longest common sequences from contributing paths.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<discard>—Drop packets to destination; send no ICMP unreachables.

<full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <defaults>
          <retain/>
          <install/>
          <readvertise/>
          <resolve/>
          <active/>
          <passive/>
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <community>...</community>
          <as-path>...</as-path>
        </defaults>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```
<configuration>
  <routing-options>
    <static>
      <defaults>
        <retain/>
        <install/>
        <readvertise/>
        <resolve/>
        <active/>
        <passive/>
        <metric>...</metric>
        <metric2>...</metric2>
        <metric3>...</metric3>
        <metric4>...</metric4>
        <tag>...</tag>
        <tag2>...</tag2>
        <preference>...</preference>
        <preference2>...</preference2>
        <color>...</color>
        <color2>...</color2>
        <community>...</community>
        <as-path>...</as-path>
      </defaults>
    </static>
  </routing-options>
</configuration>
```

Description Global route options.

Contents <active>—Remove inactive route from forwarding table.

<as-path>—Autonomous system path.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

<install>—Install route into forwarding table.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<readvertise>—Mark route as eligible to be readvertised.

<resolve>—Allow resolution of indirectly connected next hops.

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<delay-buffer-rate> (configuration/class-of-service/ traffic-control-profiles)

Usage

```
<configuration>
  <class-of-service>
    <traffic-control-profiles>
      <delay-buffer-rate>
        <rate>bits per second</rate>
        <percent>percent</percent>
      </delay-buffer-rate>
    </traffic-control-profiles>
  </class-of-service>
</configuration>
```

Description Delay buffer rate.

Contents <percent>—Delay buffer rate as a percentage.

<rate>—Delay buffer rate as an absolute rate.

<delay-buffer-rate> (configuration/dynamic-profiles/ class-of-service/traffic-control-profiles)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <traffic-control-profiles>
        <delay-buffer-rate>
          <rate>bits per second</rate>
          <percent>percent</percent>
        </delay-buffer-rate>
      </traffic-control-profiles>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Delay buffer rate.

Contents <percent>—Delay buffer rate as a percentage.

<rate>—Delay buffer rate as an absolute rate.

<delivery-function> (configuration/services/pgcp/gateway/ session-mirroring)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <session-mirroring>
          <delivery-function>
            <name>name</name>     <!-- identifier -->
          </delivery-function>
        </session-mirroring>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description Interface for delivering mirrored packets.

Contents <name>—No documentation is available yet.

<delivery-function> (configuration/services/pgcp/ session-mirroring)

Usage

```
<configuration>
  <services>
    <pgcp>
      <session-mirroring>
        <delivery-function>
          <name>name</name>     <!-- identifier -->
          <destination-address>destination-address
                    </destination-address>     <!-- mandatory -->
          <destination-port>destination-port</destination-port>     <!-- mandatory -->
          <network-operator-id>network-operator-id
                    </network-operator-id>     <!-- mandatory -->
          <source-address>source-address</source-address>     <!-- mandatory -->
          <source-port>source-port</source-port>     <!-- mandatory -->
          <memory-managment>...</memory-managment>
        </delivery-function>
      </session-mirroring>
    </pgcp>
  </services>
</configuration>
```

Description Interface for delivering mirrored packets.

Contents <destination-address>—Delivery function destination IP address.

<destination-port>—Delivery function destination port.

<memory-managment>—Measure memory usage.

<name>—Delivery function name.

<network-operator-id>—Network operator ID.

<source-address>—Network-element-id.

<source-port>—Network-element-port.

<demux-destination> (configuration/dynamic-profiles/interfaces/ interface/unit)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <demux-destination>
            <name>name</name>     <!-- identifier -->
          </demux-destination>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Demux based on destination address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-destination> (configuration/dynamic-profiles/interfaces/ interface/unit/family/inet)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <demux-destination>
                <name>name</name>     <!-- identifier -->
              </demux-destination>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Demux based on destination prefix.

Contents <name>—Prefix.

<demux-destination> (configuration/interfaces/interface/unit)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <demux-destination>
          <name>name</name>     <!-- identifier -->
        </demux-destination>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Demux based on destination address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-destination> (configuration/interfaces/interface/unit/family/inet)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <demux-destination>
              <name>name</name>     <!-- identifier -->
            </demux-destination>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Demux based on destination prefix.

Contents <name>—Prefix.

<demux-destination> (configuration/logical-systems/interfaces/ interface/unit)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <demux-destination>
            <name>name</name>     <!-- identifier -->
          </demux-destination>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Demux based on destination address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-destination> (configuration/logical-systems/interfaces/ interface/unit/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <demux-destination>
                <name>name</name>     <!-- identifier -->
              </demux-destination>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Demux based on destination prefix.

Contents <name>—Prefix.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <demux-options>
            <underlying-interface>underlying-interface
                  </underlying-interface>     <!-- mandatory -->
          </demux-options>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description IP demux interface-specific options.

Contents <underlying-interface>—Underlying interface name.

<demux-options> (configuration/interfaces/interface/unit)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <demux-options>
          <underlying-interface>underlying-interface</underlying-interface>     <!--
mandatory -->
        </demux-options>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description IP demux interface-specific options.

Contents <underlying-interface>—Underlying interface name.

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

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <demux-options>
            <underlying-interface>underlying-interface
                  </underlying-interface>     <!-- mandatory -->
          </demux-options>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description IP demux interface-specific options.

Contents <underlying-interface>—Underlying interface name.

<demux-source> (configuration/dynamic-profiles/interfaces/ interface/unit)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <demux-source>
            <name>name</name>     <!-- identifier -->
          </demux-source>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Demux based on source address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-source> (configuration/dynamic-profiles/interfaces/ interface/unit/family/inet)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <demux-source>
                <name>name</name>     <!-- identifier -->
              </demux-source>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Demux based on source prefix.

Contents <name>—Prefix.

<demux-source> (configuration/interfaces/interface/unit)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <demux-source>
          <name>name</name>     <!-- identifier -->
        </demux-source>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Demux based on source address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-source> (configuration/interfaces/interface/unit/family/ inet)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <demux-source>
              <name>name</name>     <!-- identifier -->
            </demux-source>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Demux based on source prefix.

Contents <name>—Prefix.

<demux-source> (configuration/logical-systems/interfaces/ interface/unit)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <demux-source>
            <name>name</name>     <!-- identifier -->
          </demux-source>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Demux based on source address.

Contents <name>—No documentation is available yet.

- inet—Family inet.
- inet6—Family inet6.

<demux-source> (configuration/logical-systems/interfaces/ interface/unit/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <demux-source>
                <name>name</name>     <!-- identifier -->
              </demux-source>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Demux based on source prefix.

Contents <name>—Prefix.

<dense-groups> (configuration/logical-systems/protocols/pim)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <pim>
        <dense-groups>
          <name>name</name>     <!-- identifier -->
          <reject/>
          <announce/>
        </dense-groups>
      </pim>
    </protocols>
  </logical-systems>
</configuration>
```

Description Dense mode groups for sparse-dense mode.

Contents <announce>—Advertise as negative prefix in auto-RP announce messages.

<name>—Group address or range to forward in dense mode.

<reject>—Do not include prefix as dense mode; force sparse mode.

<dense-groups> (configuration/logical-systems/routing-instances/ instance/protocols/pim)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <pim>
            <dense-groups>
              <name>name</name>     <!-- identifier -->
              <reject/>
              <announce/>
            </dense-groups>
          </pim>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dense mode groups for sparse-dense mode.

Contents <announce>—Advertise as negative prefix in auto-RP announce messages.

<name>—Group address or range to forward in dense mode.

<reject>—Do not include prefix as dense mode; force sparse mode.

<dense-groups> (configuration/protocols/pim)

Usage

```
<configuration>
  <protocols>
    <pim>
      <dense-groups>
        <name>name</name>     <!-- identifier -->
        <reject/>
        <announce/>
      </dense-groups>
    </pim>
  </protocols>
</configuration>
```

Description Dense mode groups for sparse-dense mode.

Contents <announce>—Advertise as negative prefix in auto-RP announce messages.

<name>—Group address or range to forward in dense mode.

<reject>—Do not include prefix as dense mode; force sparse mode.

<dense-groups> (configuration/routing-instances/instance/ protocols/pim)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <pim>
          <dense-groups>
            <name>name</name>     <!-- identifier -->
            <reject/>
            <announce/>
          </dense-groups>
        </pim>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Dense mode groups for sparse-dense mode.

Contents <announce>—Advertise as negative prefix in auto-RP announce messages.

<name>—Group address or range to forward in dense mode.

<reject>—Do not include prefix as dense mode; force sparse mode.

<destination> (configuration/event-options/policy/then/ event-script)

Usage

```
<configuration>
  <event-options>
    <policy>
      <then>
        <event-script>
          <destination>
            <name>name</name>     <!-- identifier -->
            <transfer-delay>seconds</transfer-delay>
            <retry-count>...</retry-count>
          </destination>
        </event-script>
      </then>
    </policy>
  </event-options>
</configuration>
```

Description Location to which to upload event script output.

Contents <name>—Location to which to upload event script output.

<retry-count>—Upload output-filename retry attempt count.

<transfer-delay>—Delay before uploading files.

<destination> (configuration/event-options/policy/then/ execute-commands)

Usage

```
<configuration>
  <event-options>
    <policy>
      <then>
        <execute-commands>
          <destination>
            <name>name</name>     <!-- identifier -->
            <transfer-delay>seconds</transfer-delay>
            <retry-count>...</retry-count>
          </destination>
        </execute-commands>
      </then>
    </policy>
  </event-options>
</configuration>
```

Description Location to which to upload command output.

Contents <name>—Location to which to upload command output.

<retry-count>—Upload output-filename retry attempt count.

<transfer-delay>—Delay before uploading file to the destination.

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

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <ip>
                      <destination>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </destination>
                    </ip>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination IP-address/Hostname.

Contents <match>—Match condition.

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

<value>—Match value.

<destination> (configuration/security/idp/custom-attack/ attack-type/signature/protocol/ip)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <ip>
                <destination>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </destination>
              </ip>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination IP-address/Hostname.

Contents <match>—Match condition.

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

<value>—Match value.

<destination> (configuration/services/ application-identification/rule/address)

Usage

```
<configuration>
  <services>
    <application-identification>
      <rule>
        <address>
          <destination>
            <ip>ip</ip>     <!-- mandatory -->
            <port-range>...</port-range>     <!-- mandatory -->
          </destination>
        </address>
      </rule>
    </application-identification>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <ip>—IP address and prefix-length.

<port-range>—IP port ranges.

<destination> (configuration/system/accounting)

Usage

```
<configuration>
  <system>
    <accounting>
      <destination>
        <radius>...</radius>
        <tacplus>...</tacplus>
      </destination>
    </accounting>
  </system>
</configuration>
```

Description Destination for system accounting records.

Contents <radius>—Configure RADIUS accounting.

<tacplus>—Send TACACS+ accounting records.

<destination> (configuration/system/backup-router)

Usage

```
<configuration>
  <system>
    <backup-router>
      <destination>
        <name>name</name>     <!-- identifier -->
      </destination>
    </backup-router>
  </system>
</configuration>
```

Description Destination network reachable through the router.

Contents <name>—Destination network reachable through the router.

<destination-address> (configuration/firewall/family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <destination-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-address>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-address>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <destination-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-address>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/firewall/family/inet/ simple-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <simple-filter>
          <term>
            <from>
              <destination-address>
                <address>address</address>
              </destination-address>
            </from>
          </term>
        </simple-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Destination IP address.

Contents <address>—Prefix to match.

<destination-address> (configuration/firewall/family/inet6/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-address>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/firewall/family/inet6/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <service-filter>
          <term>
            <from>
              <destination-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-address>
            </from>
          </term>
        </service-filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-address>
            <name>name</name>     <!-- identifier -->
            <except/>
          </destination-address>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <destination-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-address>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-address>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <destination-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-address>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/inet/simple-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <simple-filter>
            <term>
              <from>
                <destination-address>
                  <address>address</address>
                </destination-address>
              </from>
            </term>
          </simple-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Destination IP address.

Contents <address>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-address>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ family/inet6/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <service-filter>
            <term>
              <from>
                <destination-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-address>
              </from>
            </term>
          </service-filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/logical-systems/firewall/ filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Prefix to match.

<destination-address> (configuration/security/idp/idp-policy/ rulebase-exempt/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <destination-address>
                <name>name</name>     <!-- identifier -->
              </destination-address>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Match destination address.

Contents <name>—Match destination address.

- address—Address from address book.
- any—Any address.

<destination-address> (configuration/security/idp/idp-policy/ rulebase-ips/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <destination-address>
                <name>name</name>     <!-- identifier -->
              </destination-address>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Match destination address.

Contents <name>—Match destination address.

- address—Address from address book.
- any—Any address.

<destination-address> (configuration/services/aacl/rule/term/ from)

Usage

```
<configuration>
  <services>
    <aacl>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </rule>
    </aacl>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Match IP address.

- any-unicast—Match any unicast address.
- prefix—Prefix to match.

<destination-address> (configuration/services/cos/rule/term/from)

Usage

```
<configuration>
  <services>
    <cos>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </rule>
    </cos>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Match IP address.

- any-unicast—Match any unicast address.
- prefix—Prefix to match.

<destination-address> (configuration/services/ids/rule/term/from)

Usage

```
<configuration>
  <services>
    <ids>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </rule>
    </ids>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Match IP address.

- any-unicast—Match any unicast address.
- prefix—Prefix to match.

<destination-address> (configuration/services/ipsec-vpn/rule/term/from)

Usage

```
<configuration>
  <services>
    <ipsec-vpn>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
            </destination-address>
          </from>
        </term>
      </rule>
    </ipsec-vpn>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <name>—Prefix to match.

<destination-address> (configuration/services/nat/rule/term/from)

Usage

```
<configuration>
  <services>
    <nat>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </rule>
    </nat>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Match IP address.

- any-unicast—Match any unicast address.
- prefix—Prefix to match.

<destination-address> (configuration/services/stateful-firewall/ rule/term/from)

Usage

```
<configuration>
  <services>
    <stateful-firewall>
      <rule>
        <term>
          <from>
            <destination-address>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-address>
          </from>
        </term>
      </rule>
    </stateful-firewall>
  </services>
</configuration>
```

Description Match IP destination address.

Contents <except>—Match address not in this prefix.

<name>—Match IP address.

- any-unicast—Match any unicast address.
- prefix—Prefix to match.

<destination-address-range> (configuration/services/aacl/rule/ term/from)

Usage

```
<configuration>
  <services>
    <aacl>
      <rule>
        <term>
          <from>
            <destination-address-range>
              <low>low</low>     <!-- identifier -->
              <high>high</high>     <!-- identifier -->
              <except/>
            </destination-address-range>
          </from>
        </term>
      </rule>
    </aacl>
  </services>
</configuration>
```

Description Match IP destination address range.

Contents <except>—Match address not in this prefix.

<high>—Upper limit of address range.

<low>—Lower limit of address range.

<destination-address-range> (configuration/services/cos/rule/ term/from)

Usage

```
<configuration>
  <services>
    <cos>
      <rule>
        <term>
          <from>
            <destination-address-range>
              <low>low</low>     <!-- identifier -->
              <high>high</high>     <!-- identifier -->
              <except/>
            </destination-address-range>
          </from>
        </term>
      </rule>
    </cos>
  </services>
</configuration>
```

Description Match IP destination address range.

Contents <except>—Match address not in this prefix.

<high>—Upper limit of address range.

<low>—Lower limit of address range.

<destination-address-range> (configuration/services/ids/rule/ term/from)

Usage

```
<configuration>
  <services>
    <ids>
      <rule>
        <term>
          <from>
            <destination-address-range>
              <low>low</low>     <!-- identifier -->
              <high>high</high>     <!-- identifier -->
              <except/>
            </destination-address-range>
          </from>
        </term>
      </rule>
    </ids>
  </services>
</configuration>
```

Description Match IP destination address range.

Contents <except>—Match address not in this prefix.

<high>—Upper limit of address range.

<low>—Lower limit of address range.

<destination-address-range> (configuration/services/nat/rule/ term/from)

Usage

```
<configuration>
  <services>
    <nat>
      <rule>
        <term>
          <from>
            <destination-address-range>
              <low>low</low>     <!-- identifier -->
              <high>high</high>     <!-- identifier -->
              <except/>
            </destination-address-range>
          </from>
        </term>
      </rule>
    </nat>
  </services>
</configuration>
```

Description Match IP destination address range.

Contents <except>—Match address not in this prefix.

<high>—Upper limit of address range.

<low>—Lower limit of address range.

<destination-address-range> (configuration/services/ stateful-firewall/rule/term/from)

Usage

```
<configuration>
  <services>
    <stateful-firewall>
      <rule>
        <term>
          <from>
            <destination-address-range>
              <low>low</low>     <!-- identifier -->
              <high>high</high>     <!-- identifier -->
              <except/>
            </destination-address-range>
          </from>
        </term>
      </rule>
    </stateful-firewall>
  </services>
</configuration>
```

Description Match IP destination address range.

Contents <except>—Match address not in this prefix.

<high>—Upper limit of address range.

<low>—Lower limit of address range.

<destination-class> (configuration/firewall/family/inet/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-class>
                <name>name</name>     <!-- identifier -->
              </destination-class>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class> (configuration/firewall/family/inet6/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-class>
                <name>name</name>     <!-- identifier -->
              </destination-class>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-class>
            <name>name</name>     <!-- identifier -->
          </destination-class>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class> (configuration/logical-systems/firewall/ family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-class>
                  <name>name</name>     <!-- identifier -->
                </destination-class>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class> (configuration/logical-systems/firewall/ family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-class>
                  <name>name</name>     <!-- identifier -->
                </destination-class>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class> (configuration/logical-systems/firewall/ filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-class>
              <name>name</name>     <!-- identifier -->
            </destination-class>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-class-except>
                <name>name</name>     <!-- identifier -->
              </destination-class-except>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/firewall/family/inet6/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-class-except>
                <name>name</name>     <!-- identifier -->
              </destination-class-except>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/firewall/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-class-except>
            <name>name</name>     <!-- identifier -->
          </destination-class-except>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/logical-systems/ firewall/family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-class-except>
                  <name>name</name>     <!-- identifier -->
                </destination-class-except>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/logical-systems/ firewall/family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-class-except>
                  <name>name</name>     <!-- identifier -->
                </destination-class-except>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

<destination-class-except> (configuration/logical-systems/ firewall/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-class-except>
              <name>name</name>     <!-- identifier -->
            </destination-class-except>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match destination class.

Contents <name>—String name.

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

Usage

```
<configuration>
  <accounting-options>
    <class-usage-profile>
      <destination-classes>
        <name>name</name>     <!-- identifier -->
      </destination-classes>
    </class-usage-profile>
  </accounting-options>
</configuration>
```

Description Name of destination class.

Contents <name>—Class name.

<destination-except> (configuration/security/idp/idp-policy/ rulebase-exempt/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <destination-except>
                <name>name</name>     <!-- identifier -->
              </destination-except>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Don't match destination address.

Contents <name>—Don't match destination address.

- address—Address from address book.

<destination-except> (configuration/security/idp/idp-policy/ rulebase-ips/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <destination-except>
                <name>name</name>     <!-- identifier -->
              </destination-except>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Don't match destination address.

Contents <name>—Don't match destination address.

- address—Address from address book.

<destination-mac-address> (configuration/firewall/family/bridge/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <destination-mac-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-mac-address>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Destination MAC address.

Contents <except>—Match MAC address not in this range.

<name>—MAC address to match.

<destination-mac-address> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <destination-mac-address>
                <name>name</name>     <!-- identifier -->
              </destination-mac-address>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match MAC destination address.

Contents <name>—MAC address to match.

<destination-mac-address> (configuration/firewall/family/vpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <destination-mac-address>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-mac-address>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Destination MAC address.

Contents <except>—Match MAC address not in this range.

<name>—MAC address to match.

<destination-mac-address> (configuration/logical-systems/ firewall/family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <destination-mac-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-mac-address>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Destination MAC address.

Contents <except>—Match MAC address not in this range.

<name>—MAC address to match.

<destination-mac-address> (configuration/logical-systems/ firewall/family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <destination-mac-address>
                  <name>name</name>     <!-- identifier -->
                </destination-mac-address>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match MAC destination address.

Contents <name>—MAC address to match.

<destination-mac-address> (configuration/logical-systems/ firewall/family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <destination-mac-address>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-mac-address>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Destination MAC address.

Contents <except>—Match MAC address not in this range.

<name>—MAC address to match.

<destination-networks> (configuration/logical-systems/ routing-instances/instance/routing-options/dynamic-tunnels/ dynamic-tunnel)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <dynamic-tunnels>
            <dynamic-tunnel>
              <destination-networks>
                <name>name</name>     <!-- identifier -->
              </destination-networks>
            </dynamic-tunnel>
          </dynamic-tunnels>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Create tunnels for routes in these destination networks.

Contents <name>—Network prefix.

<destination-networks> (configuration/logical-systems/ routing-options/dynamic-tunnels/dynamic-tunnel)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <dynamic-tunnels>
        <dynamic-tunnel>
          <destination-networks>
            <name>name</name>     <!-- identifier -->
          </destination-networks>
        </dynamic-tunnel>
      </dynamic-tunnels>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Create tunnels for routes in these destination networks.

Contents <name>—Network prefix.

<destination-networks> (configuration/routing-instances/ instance/routing-options/dynamic-tunnels/dynamic-tunnel)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <dynamic-tunnels>
          <dynamic-tunnel>
            <destination-networks>
              <name>name</name>     <!-- identifier -->
            </destination-networks>
          </dynamic-tunnel>
        </dynamic-tunnels>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Create tunnels for routes in these destination networks.

Contents <name>—Network prefix.

<destination-networks> (configuration/routing-options/ dynamic-tunnels/dynamic-tunnel)

Usage

```
<configuration>
  <routing-options>
    <dynamic-tunnels>
      <dynamic-tunnel>
        <destination-networks>
          <name>name</name>     <!-- identifier -->
        </destination-networks>
      </dynamic-tunnel>
    </dynamic-tunnels>
  </routing-options>
</configuration>
```

Description Create tunnels for routes in these destination networks.

Contents <name>—Network prefix.

<destination-override> (configuration/system/tracing)

Usage

```
<configuration>
  <system>
    <tracing>
      <destination-override>
        <syslog>...</syslog>
      </destination-override>
    </tracing>
  </system>
</configuration>
```

Description Override tracing destination.

Contents <syslog>—Send trace messages to remote syslog server.

<destination-port> (configuration/firewall/family/bridge/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/inet/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/inet/ simple-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <simple-filter>
          <term>
            <from>
              <destination-port>
                <ftp-data/>
                <ftp/>
                <ssh/>
                <telnet/>
                <smtp/>
                <tacacs/>
                <tacacs-ds/>
                <domain/>
                <dhcp/>
                <bootps/>
                <bootpc/>
                <tftp/>
                <finger/>
                <http/>
                <kerberos-sec/>
                <pop3/>
                <sunrpc/>
                <ident/>
                <nntp/>
                <ntp/>
                <netbios-ns/>
                <netbios-dgm/>
                <netbios-ssn/>
                <imap/>
                <snmp/>
                <snmptrap/>
                <xdmcp/>
                <bgp/>
                <ldap/>
                <mobileip-agent/>
                <mobilip-mn/>
                <msdp/>
                <https/>
                <snpp/>
                <biff/>
                <exec/>
                <login/>
                <who/>
                <cmd/>
                <syslog/>
                <printer/>
                <talk/>
                <ntalk/>
```

```
                    <rip/>
                    <timed/>
                    <klogin/>
                    <kshell/>
                    <ldp/>
                    <krb-prop/>
                    <krbupdate/>
                    <kpasswd/>
                    <socks/>
                    <afs/>
                    <pptp/>
                    <radius/>
                    <radacct/>
                    <nfsd/>
                    <eklogin/>
                    <ekshell/>
                    <rkinit/>
                    <cvspserver/>
                    <range/>
                  </destination-port>
                </from>
              </term>
            </simple-filter>
          </inet>
        </family>
      </firewall>
    </configuration>
```

Description Match TCP/UDP destination port.

Contents <afs>—AFS.

<bgp>—Border Gateway Protocol.

<biff>—Biff/Comsat.

<bootpc>—Bootstrap protocol client.

<bootps>—Bootstrap protocol server.

<cmd>—UNIX rsh.

<cvspserver>—CVS pserver.

<dhcp>—Dynamic Host Configuration Protocol.

<domain>—Domain Name System (DNS).

<eklogin>—Encrypted Kerberos rlogin.

<ekshell>—Encrypted Kerberos rsh.

<exec>—UNIX rexec.

<finger>—Finger.

<ftp>—FTP.

<ftp-data>—FTP data.

<http>—Hypertext Transfer Protocol.

<https>—Secure HTTP.

<ident>—Ident.

<imap>—Internet Message Access Protocol.

<kerberos-sec>—Kerberos Security.

<klogin>—Kerberos rlogin.

<kpasswd>—Kerberos passwd.

<krb-prop>—Kerberos database propagation.

<krbupdate>—Kerberos database update.

<kshell>—Kerberos rsh.

<ldap>—Lightweight Directory Access Protocol.

<ldp>—Label Distribution Protocol.

<login>—UNIX rlogin.

<mobileip-agent>—Mobile IP agent.

<mobilip-mn>—Mobile IP MN.

<msdp>—Multicast Source Discovery Protocol.

<netbios-dgm>—NetBIOS DGM.

<netbios-ns>—NetBIOS name service.

<netbios-ssn>—NetBIOS session service.

<nfsd>—Network File System.

<nntp>—Network News Transport Protocol.

<ntalk>—New Talk.

<ntp>—Network Time Protocol.

<pop3>—Post Office Protocol 3.

<pptp>—Point-to-Point Tunneling Protocol.

<printer>—Printer.

<radacct>—RADIUS accounting.

<radius>—RADIUS authentication.

<range>—Range of values.

<rip>—Routing Information Protocol.

<rkinit>—Kerberos remote kinit.

<smtp>—Simple Mail Transfer Protocol.

<snmp>—Simple Network Management Protocol.

<snmptrap>—SNMP traps.

<snpp>—Simple paging protocol.

<socks>—Socks.

<ssh>—Secure shell.

<sunrpc>—Sun Microsystems remote procedure call.

<syslog>—System log.

<tacacs>—TACACS or TACACS+.

<tacacs-ds>—TACACS-DS.

<talk>—UNIX Talk.

<telnet>—Telnet.

<tftp>—Trivial FTP.

<timed>—UNIX time daemon.

<who>—UNIX rwho.

<xdmcp>—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/inet6/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/inet6/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <service-filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </service-filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/family/vpls/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-port>
            <name>name</name>     <!-- identifier -->
          </destination-port>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.

- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.

- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
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- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
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- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
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- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/inet/simple-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <simple-filter>
            <term>
              <from>
                <destination-port>
                  <ftp-data/>
                  <ftp/>
                  <ssh/>
                  <telnet/>
                  <smtp/>
                  <tacacs/>
                  <tacacs-ds/>
                  <domain/>
                  <dhcp/>
                  <bootps/>
                  <bootpc/>
                  <tftp/>
                  <finger/>
                  <http/>
                  <kerberos-sec/>
                  <pop3/>
                  <sunrpc/>
                  <ident/>
                  <nntp/>
                  <ntp/>
                  <netbios-ns/>
                  <netbios-dgm/>
                  <netbios-ssn/>
                  <imap/>
                  <snmp/>
                  <snmptrap/>
                  <xdmcp/>
                  <bgp/>
                  <ldap/>
                  <mobileip-agent/>
                  <mobilip-mn/>
                  <msdp/>
                  <https/>
                  <snpp/>
                  <biff/>
                  <exec/>
                  <login/>
                  <who/>
                  <cmd/>
                  <syslog/>
                  <printer/>
                  <talk/>
```

```
                    <ntalk/>
                    <rip/>
                    <timed/>
                    <klogin/>
                    <kshell/>
                    <ldp/>
                    <krb-prop/>
                    <krbupdate/>
                    <kpasswd/>
                    <socks/>
                    <afs/>
                    <pptp/>
                    <radius/>
                    <radacct/>
                    <nfsd/>
                    <eklogin/>
                    <ekshell/>
                    <rkinit/>
                    <cvspserver/>
                    <range/>
                  </destination-port>
                </from>
              </term>
            </simple-filter>
          </inet>
        </family>
      </firewall>
    </logical-systems>
  </configuration>
```

Description Match TCP/UDP destination port.

Contents <afs>—AFS.

<bgp>—Border Gateway Protocol.

<biff>—Biff/Comsat.

<bootpc>—Bootstrap protocol client.

<bootps>—Bootstrap protocol server.

<cmd>—UNIX rsh.

<cvspserver>—CVS pserver.

<dhcp>—Dynamic Host Configuration Protocol.

<domain>—Domain Name System (DNS).

<eklogin>—Encrypted Kerberos rlogin.

<ekshell>—Encrypted Kerberos rsh.

<exec>—UNIX rexec.

<finger>—Finger.

<ftp>—FTP.

<ftp-data>—FTP data.

<http>—Hypertext Transfer Protocol.

<https>—Secure HTTP.

<ident>—Ident.

<imap>—Internet Message Access Protocol.

<kerberos-sec>—Kerberos Security.

<klogin>—Kerberos rlogin.

<kpasswd>—Kerberos passwd.

<krb-prop>—Kerberos database propagation.

<krbupdate>—Kerberos database update.

<kshell>—Kerberos rsh.

<ldap>—Lightweight Directory Access Protocol.

<ldp>—Label Distribution Protocol.

<login>—UNIX rlogin.

<mobileip-agent>—Mobile IP agent.

<mobilip-mn>—Mobile IP MN.

<msdp>—Multicast Source Discovery Protocol.

<netbios-dgm>—NetBIOS DGM.

<netbios-ns>—NetBIOS name service.

<netbios-ssn>—NetBIOS session service.

<nfsd>—Network File System.

<nntp>—Network News Transport Protocol.

<ntalk>—New Talk.

<ntp>—Network Time Protocol.

<pop3>—Post Office Protocol 3.

<pptp>—Point-to-Point Tunneling Protocol.

<printer>—Printer.

<radacct>—RADIUS accounting.

<radius>—RADIUS authentication.

<range>—Range of values.

<rip>—Routing Information Protocol.

<rkinit>—Kerberos remote kinit.

<smtp>—Simple Mail Transfer Protocol.

<snmp>—Simple Network Management Protocol.

<snmptrap>—SNMP traps.

<snpp>—Simple paging protocol.

<socks>—Socks.

<ssh>—Secure shell.

<sunrpc>—Sun Microsystems remote procedure call.

<syslog>—System log.

<tacacs>—TACACS or TACACS+.

<tacacs-ds>—TACACS-DS.

<talk>—UNIX Talk.

<telnet>—Telnet.

<tftp>—Trivial FTP.

<timed>—UNIX time daemon.

<who>—UNIX rwho.

<xdmcp>—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/inet6/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <service-filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </service-filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/firewall/ filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-port>
              <name>name</name>     <!-- identifier -->
            </destination-port>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.

- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.
- range—Range of values.

- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/ routing-instances/instance/routing-options/flow/route/match)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <flow>
            <route>
              <match>
                <destination-port>
                  <name>name</name>     <!-- identifier -->
                </destination-port>
              </match>
            </route>
          </flow>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Destination TCP/UDP port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- expression—No documentation is available yet.
- finger—Finger.

- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.

- radacct—RADIUS accounting.
- radius—RADIUS authentication.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/logical-systems/ routing-options/flow/route/match)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <flow>
        <route>
          <match>
            <destination-port>
              <name>name</name>     <!-- identifier -->
            </destination-port>
          </match>
        </route>
      </flow>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Destination TCP/UDP port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- expression—No documentation is available yet.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/routing-instances/instance/ routing-options/flow/route/match)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <flow>
          <route>
            <match>
              <destination-port>
                <name>name</name>     <!-- identifier -->
              </destination-port>
            </match>
          </route>
        </flow>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Destination TCP/UDP port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- expression—No documentation is available yet.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/routing-options/flow/route/ match)

Usage

```
<configuration>
  <routing-options>
    <flow>
      <route>
        <match>
          <destination-port>
            <name>name</name>     <!-- identifier -->
          </destination-port>
        </match>
      </route>
    </flow>
  </routing-options>
</configuration>
```

Description Destination TCP/UDP port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- expression—No documentation is available yet.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.

- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.
- rip—Routing Information Protocol.

- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port> (configuration/security/idp/custom-attack/ attack-type/chain/member/attack-type/signature/protocol/tcp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <tcp>
                      <destination-port>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </destination-port>
                    </tcp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination port.

Contents <match>—Match condition.

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

<value>—Match value.

<destination-port> (configuration/security/idp/custom-attack/ attack-type/chain/member/attack-type/signature/protocol/udp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <udp>
                      <destination-port>
                        <match>match-choice</match>     <!-- mandatory -->
                        <value>value</value>     <!-- mandatory -->
                      </destination-port>
                    </udp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination port.

Contents <match>—Match condition.

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

<value>—Match value.

<destination-port> (configuration/security/idp/custom-attack/ attack-type/signature/protocol/tcp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <tcp>
                <destination-port>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </destination-port>
              </tcp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination port.

Contents <match>—Match condition.

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

<value>—Match value.

<destination-port> (configuration/security/idp/custom-attack/ attack-type/signature/protocol/udp)

Usage

```
<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <udp>
                <destination-port>
                  <match>match-choice</match>     <!-- mandatory -->
                  <value>value</value>     <!-- mandatory -->
                </destination-port>
              </udp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>
```

Description Destination port.

Contents <match>—Match condition.

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

<value>—Match value.

<destination-port-except> (configuration/firewall/family/bridge/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
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- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/inet6/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.

- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/inet6/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <service-filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </service-filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
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- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
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- range—Range of values.
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- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/family/vpls/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <destination-port-except>
                <name>name</name>     <!-- identifier -->
              </destination-port-except>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
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- ntalk—New Talk.
- ntp—Network Time Protocol.
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- snmp—Simple Network Management Protocol.
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- socks—Socks.
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- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/firewall/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-port-except>
            <name>name</name>     <!-- identifier -->
          </destination-port-except>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.

- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.
- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.

- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/bridge/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <bridge>
          <filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </filter>
        </bridge>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
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- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
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- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
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- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
- nfsd—Network File System.
- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
- range—Range of values.
- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/inet6/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <service-filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </service-filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
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- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
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- netbios-ssn—NetBIOS session service.
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- nntp—Network News Transport Protocol.
- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
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- printer—Printer.
- radacct—RADIUS accounting.

- radius—RADIUS authentication.
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- rip—Routing Information Protocol.
- rkinit—Kerberos remote kinit.
- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/family/vpls/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <vpls>
          <filter>
            <term>
              <from>
                <destination-port-except>
                  <name>name</name>     <!-- identifier -->
                </destination-port-except>
              </from>
            </term>
          </filter>
        </vpls>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
- ldap—Lightweight Directory Access Protocol.
- ldp—Label Distribution Protocol.
- login—UNIX rlogin.
- mobileip-agent—Mobile IP agent.
- mobilip-mn—Mobile IP MN.
- msdp—Multicast Source Discovery Protocol.
- netbios-dgm—NetBIOS DGM.
- netbios-ns—NetBIOS name service.
- netbios-ssn—NetBIOS session service.
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- ntalk—New Talk.
- ntp—Network Time Protocol.
- pop3—Post Office Protocol 3.
- pptp—Point-to-Point Tunneling Protocol.
- printer—Printer.
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- radius—RADIUS authentication.
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- rip—Routing Information Protocol.
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- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
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- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-port-except> (configuration/logical-systems/ firewall/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-port-except>
              <name>name</name>     <!-- identifier -->
            </destination-port-except>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match TCP/UDP destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
- bootps—Bootstrap protocol server.
- cmd—UNIX rsh.
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- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.

- https—Secure HTTP.
- ident—Ident.
- imap—Internet Message Access Protocol.
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- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
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- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
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- ldp—Label Distribution Protocol.
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- radius—RADIUS authentication.
- range—Range of values.

- rip—Routing Information Protocol.
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- smtp—Simple Mail Transfer Protocol.
- snmp—Simple Network Management Protocol.
- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
- socks—Socks.
- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS+.
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

<destination-prefix> (configuration/security/idp/idp-policy/ rulebase-exempt/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <destination-prefix>
                <name>name</name>     <!-- identifier -->
              </destination-prefix>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Match destination address.

Contents <name>—Match destination address.

<destination-prefix> (configuration/security/idp/idp-policy/ rulebase-ips/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <destination-prefix>
                <name>name</name>     <!-- identifier -->
              </destination-prefix>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Match destination address.

Contents <name>—Match destination address.

<destination-prefix-except> (configuration/security/idp/ idp-policy/rulebase-exempt/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <destination-prefix-except>
                <name>name</name>     <!-- identifier -->
              </destination-prefix-except>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Don't match destination address.

Contents <name>—Don't match destination address.

<destination-prefix-except> (configuration/security/idp/ idp-policy/rulebase-ips/rule/match)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <destination-prefix-except>
                <name>name</name>     <!-- identifier -->
              </destination-prefix-except>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Don't match destination address.

Contents <name>—Don't match destination address.

<destination-prefix-list> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <destination-prefix-list>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-prefix-list>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <destination-prefix-list>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-prefix-list>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/firewall/family/inet/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <service-filter>
          <term>
            <from>
              <destination-prefix-list>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-prefix-list>
            </from>
          </term>
        </service-filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/firewall/family/inet6/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <from>
              <destination-prefix-list>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-prefix-list>
            </from>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/firewall/family/inet6/ service-filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet6>
        <service-filter>
          <term>
            <from>
              <destination-prefix-list>
                <name>name</name>     <!-- identifier -->
                <except/>
              </destination-prefix-list>
            </from>
          </term>
        </service-filter>
      </inet6>
    </family>
  </firewall>
</configuration>
```

Description Match destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/firewall/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <destination-prefix-list>
            <name>name</name>     <!-- identifier -->
            <except/>
          </destination-prefix-list>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <destination-prefix-list>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-prefix-list>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/family/inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <destination-prefix-list>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-prefix-list>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/family/inet/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <destination-prefix-list>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-prefix-list>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/family/inet6/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <from>
                <destination-prefix-list>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-prefix-list>
              </from>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/family/inet6/service-filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <service-filter>
            <term>
              <from>
                <destination-prefix-list>
                  <name>name</name>     <!-- identifier -->
                  <except/>
                </destination-prefix-list>
              </from>
            </term>
          </service-filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/logical-systems/ firewall/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match IP destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<destination-prefix-list> (configuration/services/aacl/rule/ term/from)

Usage

```
<configuration>
  <services>
    <aacl>
      <rule>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </rule>
    </aacl>
  </services>
</configuration>
```

Description One or more named lists of destination prefixes to match.

Contents <except>—Name of prefix list not to match against.

<name>—Name of prefix list to match against.

<destination-prefix-list> (configuration/services/cos/rule/term/ from)

Usage

```
<configuration>
  <services>
    <cos>
      <rule>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </rule>
    </cos>
  </services>
</configuration>
```

Description One or more named lists of destination prefixes to match.

Contents <except>—Name of prefix list not to match against.

<name>—Name of prefix list to match against.

<destination-prefix-list> (configuration/services/ids/rule/term/ from)

Usage

```
<configuration>
  <services>
    <ids>
      <rule>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </rule>
    </ids>
  </services>
</configuration>
```

Description One or more named lists of destination prefixes to match.

Contents <except>—Name of prefix list not to match against.

<name>—Name of prefix list to match against.

<destination-prefix-list> (configuration/services/nat/rule/term/ from)

Usage

```
<configuration>
  <services>
    <nat>
      <rule>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </rule>
    </nat>
  </services>
</configuration>
```

Description One or more named lists of destination prefixes to match.

Contents <except>—Name of prefix list not to match against.

<name>—Name of prefix list to match against.

<destination-prefix-list> (configuration/services/ stateful-firewall/rule/term/from)

Usage

```
<configuration>
  <services>
    <stateful-firewall>
      <rule>
        <term>
          <from>
            <destination-prefix-list>
              <name>name</name>     <!-- identifier -->
              <except/>
            </destination-prefix-list>
          </from>
        </term>
      </rule>
    </stateful-firewall>
  </services>
</configuration>
```

Description One or more named lists of destination prefixes to match.

Contents <except>—Name of prefix list not to match against.

<name>—Name of prefix list to match against.

<destinations> (configuration/event-options)

Usage

```
<configuration>
  <event-options>
    <destinations>
      <name>name</name>     <!-- identifier -->
      <transfer-delay>seconds</transfer-delay>
      <archive-sites>...</archive-sites>     <!-- mandatory -->
    </destinations>
  </event-options>
</configuration>
```

Description List of destinations referred to in 'then' clause.

Contents <archive-sites>—List of archive destinations.

<name>—Destination name.

<transfer-delay>—Delay before transferring files.

<destinations> (configuration/services/flow-collector)

Usage

```
<configuration>
  <services>
    <flow-collector>
      <destinations>
        <name>name</name>     <!-- identifier -->
        <password>password</password>
      </destinations>
    </flow-collector>
  </services>
</configuration>
```

Description Configure destination for files.

Contents <name>—FTP destination URL (allows {text} macros).

<password>—Password for accessing URL.

<detection-time> (configuration/logical-systems/protocols/bgp/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/bgp/ group/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/bgp/ group/neighbor/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/isis/ interface/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <isis>
        <interface>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </interface>
      </isis>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/ldp/ oam/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ldp>
        <oam>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </oam>
      </ldp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/ldp/ oam/fec/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ldp>
        <oam>
          <fec>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </fec>
        </oam>
      </ldp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/mpls/ label-switched-path/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <label-switched-path>
          <oam>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </oam>
        </label-switched-path>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/mpls/ label-switched-path/primary/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <label-switched-path>
          <primary>
            <oam>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </oam>
          </primary>
        </label-switched-path>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/mpls/ label-switched-path/secondary/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <label-switched-path>
          <secondary>
            <oam>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </oam>
          </secondary>
        </label-switched-path>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/mpls/ oam/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <oam>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </oam>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/ospf/ area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf>
        <area>
          <interface>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </interface>
        </area>
      </ospf>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/ospf3/ area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <area>
          <interface>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </interface>
        </area>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/ospf3/ realm/area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <realm>
          <area>
            <interface>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </interface>
          </area>
        </realm>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/pim/ interface/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <pim>
        <interface>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </interface>
      </pim>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/rip/ group/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <rip>
        <group>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </group>
      </rip>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/protocols/rip/ group/neighbor/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <rip>
        <group>
          <neighbor>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </neighbor>
        </group>
      </rip>
    </protocols>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group/neighbor/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/isis/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <isis>
            <interface>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </interface>
          </isis>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/ldp/oam/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ldp>
            <oam>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </oam>
          </ldp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/ldp/oam/fec/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ldp>
            <oam>
              <fec>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </fec>
            </oam>
          </ldp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/ospf/area/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <area>
              <interface>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </interface>
            </area>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/area/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <interface>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </interface>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/realm/area/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <realm>
              <area>
                <interface>
                  <bfd-liveness-detection>
                    <detection-time>
                      <threshold>milliseconds</threshold>
                    </detection-time>
                  </bfd-liveness-detection>
                </interface>
              </area>
            </realm>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/pim/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <pim>
            <interface>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </interface>
          </pim>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/rip/group/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <rip>
            <group>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </group>
          </rip>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/protocols/rip/group/neighbor/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <rip>
            <group>
              <neighbor>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </neighbor>
            </group>
          </rip>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/iso-route/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <iso-route>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </iso-route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/iso-route/ qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <iso-route>
                <qualified-next-hop>
                  <bfd-liveness-detection>
                    <detection-time>
                      <threshold>milliseconds</threshold>
                    </detection-time>
                  </bfd-liveness-detection>
                </qualified-next-hop>
              </iso-route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/route/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <route>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/route/ qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <route>
                <qualified-next-hop>
                  <bfd-liveness-detection>
                    <detection-time>
                      <threshold>milliseconds</threshold>
                    </detection-time>
                  </bfd-liveness-detection>
                </qualified-next-hop>
              </route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/static/iso-route/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <iso-route>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </iso-route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/static/iso-route/ qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <iso-route>
              <qualified-next-hop>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </qualified-next-hop>
            </iso-route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/static/route/ bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <route>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/ routing-instances/instance/routing-options/static/route/ qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <static>
            <route>
              <qualified-next-hop>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </qualified-next-hop>
            </route>
          </static>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ rib/static/iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <iso-route>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </iso-route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ rib/static/iso-route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <iso-route>
            <qualified-next-hop>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </qualified-next-hop>
          </iso-route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ rib/static/route/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <route>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ rib/static/route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <route>
            <qualified-next-hop>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </qualified-next-hop>
          </route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ static/iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <iso-route>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </iso-route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ static/iso-route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <iso-route>
          <qualified-next-hop>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </qualified-next-hop>
        </iso-route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ static/route/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <route>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/logical-systems/routing-options/ static/route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <static>
        <route>
          <qualified-next-hop>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </qualified-next-hop>
        </route>
      </static>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/bgp/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <bfd-liveness-detection>
        <detection-time>
          <threshold>milliseconds</threshold>
        </detection-time>
      </bfd-liveness-detection>
    </bgp>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/bgp/group/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/bgp/group/neighbor/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/isis/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <isis>
      <interface>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </interface>
    </isis>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/ldp/oam/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <ldp>
      <oam>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </oam>
    </ldp>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/ldp/oam/fec/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <ldp>
      <oam>
        <fec>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </fec>
      </oam>
    </ldp>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/mpls/ label-switched-path/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <label-switched-path>
        <oam>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </oam>
      </label-switched-path>
    </mpls>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/mpls/ label-switched-path/primary/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <label-switched-path>
        <primary>
          <oam>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </oam>
        </primary>
      </label-switched-path>
    </mpls>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/mpls/ label-switched-path/secondary/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <label-switched-path>
        <secondary>
          <oam>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </oam>
        </secondary>
      </label-switched-path>
    </mpls>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/mpls/oam/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <oam>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </oam>
    </mpls>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/ospf/area/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <ospf>
      <area>
        <interface>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </interface>
      </area>
    </ospf>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/ospf3/area/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <area>
        <interface>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </interface>
      </area>
    </ospf3>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/ospf3/realm/area/ interface/bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <realm>
        <area>
          <interface>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </interface>
        </area>
      </realm>
    </ospf3>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/pim/interface/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <pim>
      <interface>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </interface>
    </pim>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/rip/group/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <rip>
      <group>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </group>
    </rip>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/protocols/rip/group/neighbor/ bfd-liveness-detection)

Usage

```
<configuration>
  <protocols>
    <rip>
      <group>
        <neighbor>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </neighbor>
      </group>
    </rip>
  </protocols>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/bgp/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/bgp/group/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/bgp/group/neighbor/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/isis/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <isis>
          <interface>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </interface>
        </isis>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/ldp/oam/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ldp>
          <oam>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </oam>
        </ldp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/ldp/oam/fec/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ldp>
          <oam>
            <fec>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </fec>
          </oam>
        </ldp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/ospf/area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <interface>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </interface>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/ospf3/area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <area>
            <interface>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </interface>
          </area>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/ospf3/realm/area/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <interface>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </interface>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/pim/interface/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <pim>
          <interface>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </interface>
        </pim>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/rip/group/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <rip>
          <group>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </group>
        </rip>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ protocols/rip/group/neighbor/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <rip>
          <group>
            <neighbor>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </neighbor>
          </group>
        </rip>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/rib/static/iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <iso-route>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </iso-route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/rib/static/iso-route/qualified-next-hop/ bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <iso-route>
              <qualified-next-hop>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </qualified-next-hop>
            </iso-route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/rib/static/route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <route>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/rib/static/route/qualified-next-hop/ bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <rib>
          <static>
            <route>
              <qualified-next-hop>
                <bfd-liveness-detection>
                  <detection-time>
                    <threshold>milliseconds</threshold>
                  </detection-time>
                </bfd-liveness-detection>
              </qualified-next-hop>
            </route>
          </static>
        </rib>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/static/iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <iso-route>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </iso-route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/static/iso-route/qualified-next-hop/ bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <iso-route>
            <qualified-next-hop>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </qualified-next-hop>
          </iso-route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/static/route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <route>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-instances/instance/ routing-options/static/route/qualified-next-hop/ bfd-liveness-detection)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <static>
          <route>
            <qualified-next-hop>
              <bfd-liveness-detection>
                <detection-time>
                  <threshold>milliseconds</threshold>
                </detection-time>
              </bfd-liveness-detection>
            </qualified-next-hop>
          </route>
        </static>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/rib/static/ iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <iso-route>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </iso-route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/rib/static/ iso-route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <iso-route>
          <qualified-next-hop>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </qualified-next-hop>
        </iso-route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/rib/static/ route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <route>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/rib/static/ route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <rib>
      <static>
        <route>
          <qualified-next-hop>
            <bfd-liveness-detection>
              <detection-time>
                <threshold>milliseconds</threshold>
              </detection-time>
            </bfd-liveness-detection>
          </qualified-next-hop>
        </route>
      </static>
    </rib>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/static/ iso-route/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <static>
      <iso-route>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </iso-route>
    </static>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/static/ iso-route/qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <static>
      <iso-route>
        <qualified-next-hop>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </qualified-next-hop>
      </iso-route>
    </static>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/static/route/ bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <static>
      <route>
        <bfd-liveness-detection>
          <detection-time>
            <threshold>milliseconds</threshold>
          </detection-time>
        </bfd-liveness-detection>
      </route>
    </static>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detection-time> (configuration/routing-options/static/route/ qualified-next-hop/bfd-liveness-detection)

Usage

```
<configuration>
  <routing-options>
    <static>
      <route>
        <qualified-next-hop>
          <bfd-liveness-detection>
            <detection-time>
              <threshold>milliseconds</threshold>
            </detection-time>
          </bfd-liveness-detection>
        </qualified-next-hop>
      </route>
    </static>
  </routing-options>
</configuration>
```

Description Detection-time options.

Contents <threshold>—High detection-time triggering a trap.

<detector> (configuration/security/idp/sensor-configuration)

Usage

```
<configuration>
  <security>
    <idp>
      <sensor-configuration>
        <detector>
          <protocol-name>...</protocol-name>
        </detector>
      </sensor-configuration>
    </idp>
  </security>
</configuration>
```

Description Detector Configuration.

Contents <protocol-name>—Apropriate help string.

<devices> (configuration/logical-systems/protocols/rsvp/tunnel-services)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <rsvp>
        <tunnel-services>
          <devices>
            <name>name</name>     <!-- identifier -->
          </devices>
        </tunnel-services>
      </rsvp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Tunnel services devices to use for P2MP LSPs.

Contents <name>—Tunnel services devices to use for P2MP LSPs.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <l2vpn>
            <tunnel-services>
              <devices>
                <name>name</name>     <!-- identifier -->
              </devices>
            </tunnel-services>
          </l2vpn>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Tunnel services devices to use for this VPLS instance.

Contents <name>—Tunnel services devices to use for this VPLS instance.

<devices> (configuration/logical-systems/routing-instances/ instance/protocols/vpls/tunnel-services)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <vpls>
            <tunnel-services>
              <devices>
                <name>name</name>     <!-- identifier -->
              </devices>
            </tunnel-services>
          </vpls>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Tunnel services devices to use for this VPLS instance.

Contents <name>—Tunnel services devices to use for this VPLS instance.

<devices> (configuration/protocols/rsvp/tunnel-services)

Usage

```
<configuration>
  <protocols>
    <rsvp>
      <tunnel-services>
        <devices>
          <name>name</name>     <!-- identifier -->
        </devices>
      </tunnel-services>
    </rsvp>
  </protocols>
</configuration>
```

Description Tunnel services devices to use for P2MP LSPs.

Contents <name>—Tunnel services devices to use for P2MP LSPs.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <l2vpn>
          <tunnel-services>
            <devices>
              <name>name</name>     <!-- identifier -->
            </devices>
          </tunnel-services>
        </l2vpn>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Tunnel services devices to use for this VPLS instance.

Contents <name>—Tunnel services devices to use for this VPLS instance.

<devices> (configuration/routing-instances/instance/protocols/ vpls/tunnel-services)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <vpls>
          <tunnel-services>
            <devices>
              <name>name</name>     <!-- identifier -->
            </devices>
          </tunnel-services>
        </vpls>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Tunnel services devices to use for this VPLS instance.

Contents <name>—Tunnel services devices to use for this VPLS instance.

<dhcp> (configuration/services/ggsn)

Usage

```
<configuration>
  <services>
    <ggsn>
      <dhcp>
        <server>...</server>
      </dhcp>
    </ggsn>
  </services>
</configuration>
```

Description DHCP settings.

Contents <server>—Shared DHCP server configuration.

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

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <dhcp>
          <server>...</server>
          <shared-server>...</shared-server>
          <gtp-cpic-ipaddress/>
          <imsi/>
          <nsapi/>
          <msisdn/>
        </dhcp>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description DHCP server configuration.

Contents <gtp-cpic-ipaddress>—Include GTP-C_PIC_IP-address in Client ID parameter (Option 61).

<imsi>—Include IMSI in Client ID parameter (Option 61).

<msisdn>—Include MSISDN in Client ID parameter (Option 61).

<nsapi>—Include NSAPI in Client ID parameter (Option 61).

<server>—DHCP server for APN.

<shared-server>—Shared DHCP server configuration.

<dhcp> (configuration/system/services)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp>
        <maximum-lease-time>maximum-lease-time-choice</maximum-lease-time>
        <default-lease-time>default-lease-time-choice</default-lease-time>
        <domain-name>domain-name</domain-name>
        <name-server>...</name-server>
        <domain-search>...</domain-search>
        <wins-server>...</wins-server>
        <router>...</router>
        <boot-file>boot-file</boot-file>
        <boot-server>boot-server</boot-server>
        <next-server>next-server</next-server>
        <server-identifier>server-identifier</server-identifier>
        <option>...</option>
        <traceoptions>...</traceoptions>
        <pool>...</pool>
        <static-binding>...</static-binding>
      </dhcp>
    </services>
  </system>
</configuration>
```

Description Configure DHCP server.

Contents <boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<default-lease-time>—Default lease time advertised to clients.

- infinite—Lease never expires.
- length—Number of seconds.

<domain-name>—Domain name advertised to clients.

<domain-search>—Domain search list used to resolve hostnames.

<maximum-lease-time>—Maximum lease time advertised to clients.

- infinite—Lease time can be infinite.
- length—Maximum lease time (60..4294967295 seconds).

<name-server>—Domain name servers available to the client.

<next-server>—Next server that clients need to contact.

<option>—DHCP option.

<pool>—DHCP address pool.

<router>—Routers advertised to clients.

<server-identifier>—DHCP server identifier advertised to clients.

<static-binding>—DHCP client's hardware address.

<traceoptions>—DHCP server trace options.

<wins-server>—NetBIOS name servers.

<dhcp-attributes> (configuration/access/address-assignment/pool/ family/inet)

Usage

```
<configuration>
  <access>
    <address-assignment>
      <pool>
        <family>
          <inet>
            <dhcp-attributes>
              <option-match>...</option-match>
              <maximum-lease-time>maximum-lease-time-choice
                  </maximum-lease-time>
              <grace-period>seconds</grace-period>
              <domain-name>domain-name</domain-name>
              <name-server>...</name-server>
              <wins-server>...</wins-server>
              <router>...</router>
              <boot-file>boot-file</boot-file>
              <boot-server>boot-server</boot-server>
              <tftp-server>tftp-server</tftp-server>
              <netbios-node-type>netbios-node-type-choice</netbios-node-type>
              <option>...</option>
            </dhcp-attributes>
          </inet>
        </family>
      </pool>
    </address-assignment>
  </access>
</configuration>
```

Description DHCP options and match criteria.

Contents <boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<domain-name>—Domain name advertised to clients.

<grace-period>—Grace period for leases.

<maximum-lease-time>—Maximum lease time advertised to clients.

- infinite—Lease time can be infinite.
- length—Number of seconds.

<name-server>—Domain name servers available to the client.

<netbios-node-type>—Type of NETBIOS node advertised to clients.

- b-node—Broadcast node.
- h-node—Hybrid node.

- m-node—Mixed Node.
- p-node—Peer-to-peer node.

<option>—DHCP option.

<option-match>—Match.

<router>—Routers advertised to clients.

<tftp-server>—TFTP server advertised to clients.

<wins-server>—WINS name servers.

<dhcp-attributes> (configuration/logical-systems/access/ address-assignment/pool/family/inet)

Usage

```
<configuration>
  <logical-systems>
    <access>
      <address-assignment>
        <pool>
          <family>
            <inet>
              <dhcp-attributes>
                <option-match>...</option-match>
                <maximum-lease-time>maximum-lease-time-choice
                  </maximum-lease-time>
                <grace-period>seconds</grace-period>
                <domain-name>domain-name</domain-name>
                <name-server>...</name-server>
                <wins-server>...</wins-server>
                <router>...</router>
                <boot-file>boot-file</boot-file>
                <boot-server>boot-server</boot-server>
                <tftp-server>tftp-server</tftp-server>
                <netbios-node-type>netbios-node-type-choice</netbios-node-type>
                <option>...</option>
              </dhcp-attributes>
            </inet>
          </family>
        </pool>
      </address-assignment>
    </access>
  </logical-systems>
</configuration>
```

Description DHCP options and match criteria.

Contents <boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<domain-name>—Domain name advertised to clients.

<grace-period>—Grace period for leases.

<maximum-lease-time>—Maximum lease time advertised to clients.

- infinite—Lease time can be infinite.
- length—Number of seconds.

<name-server>—Domain name servers available to the client.

<netbios-node-type>—Type of NETBIOS node advertised to clients.

- b-node—Broadcast node.

- h-node—Hybrid node.
- m-node—Mixed Node.
- p-node—Peer-to-peer node.

<option>—DHCP option.

<option-match>—Match.

<router>—Routers advertised to clients.

<tftp-server>—TFTP server advertised to clients.

<wins-server>—WINS name servers.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <access>
          <address-assignment>
            <pool>
              <family>
                <inet>
                  <dhcp-attributes>
                    <option-match>...</option-match>
                    <maximum-lease-time>maximum-lease-time-choice
                        </maximum-lease-time>
                    <grace-period>seconds</grace-period>
                    <domain-name>domain-name</domain-name>
                    <name-server>...</name-server>
                    <wins-server>...</wins-server>
                    <router>...</router>
                    <boot-file>boot-file</boot-file>
                    <boot-server>boot-server</boot-server>
                    <tftp-server>tftp-server</tftp-server>
                    <netbios-node-type>netbios-node-type-choice
                        </netbios-node-type>
                    <option>...</option>
                  </dhcp-attributes>
                </inet>
              </family>
            </pool>
          </address-assignment>
        </access>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description DHCP options and match criteria.

Contents <boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<domain-name>—Domain name advertised to clients.

<grace-period>—Grace period for leases.

<maximum-lease-time>—Maximum lease time advertised to clients.

- infinite—Lease time can be infinite.
- length—Number of seconds.

<name-server>—Domain name servers available to the client.

<netbios-node-type>—Type of NETBIOS node advertised to clients.

- b-node—Broadcast node.
- h-node—Hybrid node.
- m-node—Mixed Node.
- p-node—Peer-to-peer node.

<option>—DHCP option.

<option-match>—Match.

<router>—Routers advertised to clients.

<tftp-server>—TFTP server advertised to clients.

<wins-server>—WINS name servers.

<dhcp-attributes> (configuration/routing-instances/instance/ access/address-assignment/pool/family/inet)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <dhcp-attributes>
                  <option-match>...</option-match>
                  <maximum-lease-time>maximum-lease-time-choice
                        </maximum-lease-time>
                  <grace-period>seconds</grace-period>
                  <domain-name>domain-name</domain-name>
                  <name-server>...</name-server>
                  <wins-server>...</wins-server>
                  <router>...</router>
                  <boot-file>boot-file</boot-file>
                  <boot-server>boot-server</boot-server>
                  <tftp-server>tftp-server</tftp-server>
                  <netbios-node-type>netbios-node-type-choice</netbios-node-type>
                  <option>...</option>
                </dhcp-attributes>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>
```

Description DHCP options and match criteria.

Contents <boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<domain-name>—Domain name advertised to clients.

<grace-period>—Grace period for leases.

<maximum-lease-time>—Maximum lease time advertised to clients.

- infinite—Lease time can be infinite.
- length—Number of seconds.

<name-server>—Domain name servers available to the client.

<netbios-node-type>—Type of NETBIOS node advertised to clients.

- b-node—Broadcast node.
- h-node—Hybrid node.
- m-node—Mixed Node.
- p-node—Peer-to-peer node.

<option>—DHCP option.

<option-match>—Match.

<router>—Routers advertised to clients.

<tftp-server>—TFTP server advertised to clients.

<wins-server>—WINS name servers.

<dhcp-gi-address> (configuration/access/profile/radius/ attributes/exclude)

Usage

```
<configuration>
  <access>
    <profile>
      <radius>
        <attributes>
          <exclude>
            <dhcp-gi-address>
              <name>name</name>     <!-- identifier -->
            </dhcp-gi-address>
          </exclude>
        </attributes>
      </radius>
    </profile>
  </access>
</configuration>
```

Description Excludes RADIUS attribute 26-57, DHCP-GI-Address.

Contents <name>—Excludes RADIUS attribute 26-57, DHCP-GI-Address.

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

<dhcp-local-server> (configuration/logical-systems/ routing-instances/instance/system/services)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <traceoptions>...</traceoptions>
              <pool-match-order>...</pool-match-order>
              <authentication>...</authentication>
              <overrides>...</overrides>
              <dynamic-profile>...</dynamic-profile>
              <group>...</group>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic Host Configuration Protocol server configuration.

Contents <authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP local server group.

<overrides>—DHCP override processing.

<pool-match-order>—Define order of attribute matching for pool selection.

<traceoptions>—DHCP local server trace options.

<dhcp-local-server> (configuration/logical-systems/system/ services)

Usage

```
<configuration>
  <logical-systems>
    <system>
      <services>
        <dhcp-local-server>
          <traceoptions>...</traceoptions>
          <pool-match-order>...</pool-match-order>
          <authentication>...</authentication>
          <overrides>...</overrides>
          <dynamic-profile>...</dynamic-profile>
          <group>...</group>
        </dhcp-local-server>
      </services>
    </system>
  </logical-systems>
</configuration>
```

Description Dynamic Host Configuration Protocol server configuration.

Contents <authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP local server group.

<overrides>—DHCP override processing.

<pool-match-order>—Define order of attribute matching for pool selection.

<traceoptions>—DHCP local server trace options.

<dhcp-local-server> (configuration/routing-instances/instance/ system/services)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <system>
        <services>
          <dhcp-local-server>
            <traceoptions>...</traceoptions>
            <pool-match-order>...</pool-match-order>
            <authentication>...</authentication>
            <overrides>...</overrides>
            <dynamic-profile>...</dynamic-profile>
            <group>...</group>
          </dhcp-local-server>
        </services>
      </system>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic Host Configuration Protocol server configuration.

Contents <authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP local server group.

<overrides>—DHCP override processing.

<pool-match-order>—Define order of attribute matching for pool selection.

<traceoptions>—DHCP local server trace options.

<dhcp-local-server> (configuration/system/services)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp-local-server>
        <traceoptions>...</traceoptions>
        <pool-match-order>...</pool-match-order>
        <authentication>...</authentication>
        <overrides>...</overrides>
        <dynamic-profile>...</dynamic-profile>
        <group>...</group>
      </dhcp-local-server>
    </services>
  </system>
</configuration>
```

Description Dynamic Host Configuration Protocol server configuration.

Contents <authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP local server group.

<overrides>—DHCP override processing.

<pool-match-order>—Define order of attribute matching for pool selection.

<traceoptions>—DHCP local server trace options.

<dhcp-mac-address> (configuration/access/profile/radius/ attributes/exclude)

Usage

```
<configuration>
  <access>
    <profile>
      <radius>
        <attributes>
          <exclude>
            <dhcp-mac-address>
              <name>name</name>     <!-- identifier -->
            </dhcp-mac-address>
          </exclude>
        </attributes>
      </radius>
    </profile>
  </access>
</configuration>
```

Description Excludes RADIUS attribute 26-56, DHCP-MAC-Address.

Contents <name>—Excludes RADIUS attribute 26-56, DHCP-MAC-Address.

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

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

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <bootp>
        <dhcp-option82>
          <disable/>
          <circuit-id>...</circuit-id>
          <remote-id>...</remote-id>
          <vendor-id>...</vendor-id>
        </dhcp-option82>
      </bootp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

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

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <bootp>
        <interface>
          <dhcp-option82>
            <disable/>
            <circuit-id>...</circuit-id>
            <remote-id>...</remote-id>
            <vendor-id>...</vendor-id>
          </dhcp-option82>
        </interface>
      </bootp>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <dhcp-option82>
                <disable/>
                <circuit-id>...</circuit-id>
                <remote-id>...</remote-id>
                <vendor-id>...</vendor-id>
              </dhcp-option82>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <interface>
                <dhcp-option82>
                  <disable/>
                  <circuit-id>...</circuit-id>
                  <remote-id>...</remote-id>
                  <vendor-id>...</vendor-id>
                </dhcp-option82>
              </interface>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <dhcp-option82>
              <disable/>
              <circuit-id>...</circuit-id>
              <remote-id>...</remote-id>
              <vendor-id>...</vendor-id>
            </dhcp-option82>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <interface>
              <dhcp-option82>
                <disable/>
                <circuit-id>...</circuit-id>
                <remote-id>...</remote-id>
                <vendor-id>...</vendor-id>
              </dhcp-option82>
            </interface>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure DHCP option 82.

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

<disable>—Disable DHCP option 82 on this VLAN.

<remote-id>—Configure DHCP option 82 remote id.

<vendor-id>—Configure DHCP option 82 vendor id.

<dhcp-options> (configuration/access/profile/radius/attributes/ exclude)

Usage

```
<configuration>
  <access>
    <profile>
      <radius>
        <attributes>
          <exclude>
            <dhcp-options>
              <name>name</name>     <!-- identifier -->
            </dhcp-options>
          </exclude>
        </attributes>
      </radius>
    </profile>
  </access>
</configuration>
```

Description Excludes RADIUS attribute 26-55, DHCP-Options.

Contents <name>—Excludes RADIUS attribute 26-55, DHCP-Options.

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

<dhcp-relay> (configuration/bridge-domains/domain/ forwarding-options)

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <traceoptions>...</traceoptions>
          <authentication>...</authentication>
          <dynamic-profile>...</dynamic-profile>
          <overrides>...</overrides>
          <relay-option-60>...</relay-option-60>
          <relay-option-82>...</relay-option-82>
          <server-group>...</server-group>
          <active-server-group>active-server-group</active-server-group>
          <group>...</group>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

<dhcp-relay> (configuration/forwarding-options)

Usage

```
<configuration>
  <forwarding-options>
    <dhcp-relay>
      <traceoptions>...</traceoptions>
      <authentication>...</authentication>
      <dynamic-profile>...</dynamic-profile>
      <overrides>...</overrides>
      <relay-option-60>...</relay-option-60>
      <relay-option-82>...</relay-option-82>
      <server-group>...</server-group>
      <active-server-group>active-server-group</active-server-group>
      <group>...</group>
    </dhcp-relay>
  </forwarding-options>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

<dhcp-relay> (configuration/logical-systems/forwarding-options)

Usage

```
<configuration>
  <logical-systems>
    <forwarding-options>
      <dhcp-relay>
        <traceoptions>...</traceoptions>
        <authentication>...</authentication>
        <dynamic-profile>...</dynamic-profile>
        <overrides>...</overrides>
        <relay-option-60>...</relay-option-60>
        <relay-option-82>...</relay-option-82>
        <server-group>...</server-group>
        <active-server-group>active-server-group</active-server-group>
        <group>...</group>
      </dhcp-relay>
    </forwarding-options>
  </logical-systems>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <forwarding-options>
              <dhcp-relay>
                <traceoptions>...</traceoptions>
                <authentication>...</authentication>
                <dynamic-profile>...</dynamic-profile>
                <overrides>...</overrides>
                <relay-option-60>...</relay-option-60>
                <relay-option-82>...</relay-option-82>
                <server-group>...</server-group>
                <active-server-group>active-server-group</active-server-group>
                <group>...</group>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

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

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <dhcp-relay>
            <traceoptions>...</traceoptions>
            <authentication>...</authentication>
            <dynamic-profile>...</dynamic-profile>
            <overrides>...</overrides>
            <relay-option-60>...</relay-option-60>
            <relay-option-82>...</relay-option-82>
            <server-group>...</server-group>
            <active-server-group>active-server-group</active-server-group>
            <group>...</group>
          </dhcp-relay>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

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

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <traceoptions>...</traceoptions>
              <authentication>...</authentication>
              <dynamic-profile>...</dynamic-profile>
              <overrides>...</overrides>
              <relay-option-60>...</relay-option-60>
              <relay-option-82>...</relay-option-82>
              <server-group>...</server-group>
              <active-server-group>active-server-group</active-server-group>
              <group>...</group>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

<dhcp-relay> (configuration/routing-instances/instance/ forwarding-options)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <dhcp-relay>
          <traceoptions>...</traceoptions>
          <authentication>...</authentication>
          <dynamic-profile>...</dynamic-profile>
          <overrides>...</overrides>
          <relay-option-60>...</relay-option-60>
          <relay-option-82>...</relay-option-82>
          <server-group>...</server-group>
          <active-server-group>active-server-group</active-server-group>
          <group>...</group>
        </dhcp-relay>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic Host Configuration Protocol relay configuration.

Contents <active-server-group>—Name of DHCP server group.

<authentication>—DHCP authentication.

<dynamic-profile>—Dynamic profile to use.

<group>—Define a DHCP group.

<overrides>—DHCP override processing.

<relay-option-60>—DHCP option-60 processing.

<relay-option-82>—DHCP option-82 processing.

<server-group>—Define a DHCP server group.

<traceoptions>—DHCP relay trace options.

<diag-port-authentication> (configuration/system)

Usage

```
<configuration>
  <system>
    <diag-port-authentication>
      <plain-text-password-value>plain-text-password-value
                    </plain-text-password-value>
      <encrypted-password>encrypted-password</encrypted-password>
    </diag-port-authentication>
  </system>
</configuration>
```

Description Authentication for the diagnostic port.

Contents <encrypted-password>—Encrypted password string.

<plain-text-password-value>—Plain text password.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <dial-options>
            <l2tp-interface-id>l2tp-interface-id</l2tp-interface-id>
            <ipsec-interface-id>ipsec-interface-id</ipsec-interface-id>
            <dedicated/>
            <shared/>
          </dial-options>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Dial options.

Contents <dedicated>—Use this unit for only one PPP/IPSec session.

<ipsec-interface-id>—Identifier for group of dynamic peers.

<l2tp-interface-id>—Identifier for group of PPP sessions.

<shared>—Share this unit for multiple PPP/IPSec sessions.

<dial-options> (configuration/interfaces/interface/unit)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <dial-options>
          <l2tp-interface-id>l2tp-interface-id</l2tp-interface-id>
          <ipsec-interface-id>ipsec-interface-id</ipsec-interface-id>
          <dedicated/>
          <shared/>
        </dial-options>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Dial options.

Contents <dedicated>—Use this unit for only one PPP/IPSec session.

<ipsec-interface-id>—Identifier for group of dynamic peers.

<l2tp-interface-id>—Identifier for group of PPP sessions.

<shared>—Share this unit for multiple PPP/IPSec sessions.

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

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <dial-options>
            <l2tp-interface-id>l2tp-interface-id</l2tp-interface-id>
            <ipsec-interface-id>ipsec-interface-id</ipsec-interface-id>
            <dedicated/>
            <shared/>
          </dial-options>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Dial options.

Contents <dedicated>—Use this unit for only one PPP/IPSec session.

<ipsec-interface-id>—Identifier for group of dynamic peers.

<l2tp-interface-id>—Identifier for group of PPP sessions.

<shared>—Share this unit for multiple PPP/IPSec sessions.

<diameter-application-system> (configuration/services/ggsn/ service-based-charging)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-based-charging>
        <diameter-application-system>
          <name>name</name>     <!-- identifier -->
          <destination-realm>destination-realm
                    </destination-realm>     <!-- mandatory -->
          <application-id>application-id-choice</application-id>     <!-- mandatory -->
          <peer>...</peer>     <!-- mandatory -->
          <allow-cc-session-failover/>
          <timeout>timeout</timeout>
          <request-window-size>request-window-size</request-window-size>
          <requests-per-second>requests-per-second</requests-per-second>
          <access-type>access-type-choice</access-type>
        </diameter-application-system>
      </service-based-charging>
    </ggsn>
  </services>
</configuration>
```

Description Diameter application systems.

Contents <access-type>—Connection type.

- agent—The diameter application server is accessed via an agent.
- direct—Direct access to the diameter application server.

<allow-cc-session-failover>—Allow failover for credit control session.

<application-id>—Vendor-specific application identity.

- application-identifier—Application identity < application > or Vendor application identity < vendor > : < application > .
- gx—Charging Rule Provisioning Protocol.
- ro—Online charging protocols based on the DCCA application.
- scap—Service Charging Application Protocol.
- srap—Service Rating Application Protocol.

<destination-realm>—Destination realm.

<name>—Diameter application system identifier.

<peer>—Diameter peers and priorities.

<request-window-size>—Maximum number of outstanding requests.

<requests-per-second>—Maximum requests per second.

<timeout>—Communication timeout.

<diameter-host> (configuration/services/ggsn/ service-based-charging)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-based-charging>
        <diameter-host>
          <name>name</name>     <!-- identifier -->
          <host-name>host-name</host-name>     <!-- mandatory -->
        </diameter-host>
      </service-based-charging>
    </ggsn>
  </services>
</configuration>
```

Description Diameter hosts.

Contents <host-name>—Diameter host specified as fully qualified domain name.

<name>—Host identifier.

<diameter-peer> (configuration/services/ggsn/ service-based-charging)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-based-charging>
        <diameter-peer>
          <name>name</name>     <!-- identifier -->
          <address>address</address>     <!-- mandatory -->
          <host>host</host>
          <port>port</port>     <!-- mandatory -->
          <watchdog>...</watchdog>
        </diameter-peer>
      </service-based-charging>
    </ggsn>
  </services>
</configuration>
```

Description Diameter peers.

Contents <address>—Peer address.

<host>—Diameter host identifier associated with the peer.

<name>—Peer identifier.

<port>—Peer port number.

<watchdog>—No documentation is available yet.

<diameter-service> (configuration/system/processes)

Usage

```
<configuration>
  <system>
    <processes>
      <diameter-service>
        <disable/>
        <traceoptions>...</traceoptions>
      </diameter-service>
    </processes>
  </system>
</configuration>
```

Description Diameter process.

Contents <disable>—Disable diameter process.

<traceoptions>—Diameter service trace options.

<diffserv> (configuration/services/pgcp/gateway/h248-properties)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <h248-properties>
          <diffserv>
            <dscp>...</dscp>
          </diffserv>
        </h248-properties>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <dscp>—Differentiated Services Code Point (DSCP).

<diffserv-te> (configuration/logical-systems/protocols/mpls)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <mpls>
        <diffserv-te>
          <bandwidth-model>bandwidth-model-choice</bandwidth-model>
          <te-class-matrix>...</te-class-matrix>
        </diffserv-te>
      </mpls>
    </protocols>
  </logical-systems>
</configuration>
```

Description Global diffserv-traffic-engineering options.

Contents <bandwidth-model>—Bandwidth constraint model supported.

- extended-mam—Maximum allocation model with support for E-LSPs.
- mam—Maximum allocation model.
- rdm—Russian dolls model.

<te-class-matrix>—Supported combinations of traffic-class and preemption.

<diffserv-te> (configuration/protocols/mpls)

Usage

```
<configuration>
  <protocols>
    <mpls>
      <diffserv-te>
        <bandwidth-model>bandwidth-model-choice</bandwidth-model>
        <te-class-matrix>...</te-class-matrix>
      </diffserv-te>
    </mpls>
  </protocols>
</configuration>
```

Description Global diffserv-traffic-engineering options.

Contents <bandwidth-model>—Bandwidth constraint model supported.

- extended-mam—Maximum allocation model with support for E-LSPs.
- mam—Maximum allocation model.
- rdm—Russian dolls model.

<te-class-matrix>—Supported combinations of traffic-class and preemption.

<digital-link> (configuration/dynamic-profiles/interfaces/ interface/e3-options/compatibility-mode)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <e3-options>
          <compatibility-mode>
            <digital-link>
              <subrate>subrate-choice</subrate>
            </digital-link>
          </compatibility-mode>
        </e3-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Compatible with Digital Link CSU.

Contents <subrate>—Set subrate value.

- 1.1Mb—1.1 Mbps.
- 1.4Mb—1.4 Mbps.
- 1.8Mb—1.8 Mbps.
- 10.0Mb—10.0 Mbps.
- 10.4Mb—10.4 Mbps.
- 10.7Mb—10.7 Mbps.
- 11.1Mb—11.1 Mbps.
- 11.5Mb—11.5 Mbps.
- 11.8Mb—11.8 Mbps.
- 12.2Mb—12.2 Mbps.
- 12.5Mb—12.5 Mbps.
- 12.9Mb—12.9 Mbps.
- 13.2Mb—13.2 Mbps.
- 13.6Mb—13.6 Mbps.
- 14.0Mb—14.0 Mbps.
- 14.3Mb—14.3 Mbps.

- 14.7Mb—14.7 Mbps.
- 15.0Mb—15.0 Mbps.
- 15.4Mb—15.4 Mbps.
- 15.8Mb—15.8 Mbps.
- 16.1Mb—16.1 Mbps.
- 16.5Mb—16.5 Mbps.
- 16.8Mb—16.8 Mbps.
- 17.2Mb—17.2 Mbps.
- 17.5Mb—17.5 Mbps.
- 17.9Mb—17.9 Mbps.
- 18.3Mb—18.3 Mbps.
- 18.6Mb—18.6 Mbps.
- 19.0Mb—19.0 Mbps.
- 19.3Mb—19.3 Mbps.
- 19.7Mb—19.7 Mbps.
- 2.1Mb—2.1 Mbps.
- 2.5Mb—2.5 Mbps.
- 2.9Mb—2.9 Mbps.
- 20.0Mb—20.0 Mbps.
- 20.4Mb—20.4 Mbps.
- 20.8Mb—20.8 Mbps.
- 21.1Mb—21.1 Mbps.
- 21.5Mb—21.5 Mbps.
- 21.8Mb—21.8 Mbps.
- 22.2Mb—22.2 Mbps.
- 22.6Mb—22.6 Mbps.
- 22.9Mb—22.9 Mbps.
- 23.3Mb—23.3 Mbps.

- 23.6Mb—23.6 Mbps.
- 24.0Mb—24.0 Mbps.
- 24.3Mb—24.3 Mbps.
- 24.7Mb—24.7 Mbps.
- 25.1Mb—25.1 Mbps.
- 25.4Mb—25.4 Mbps.
- 25.8Mb—25.8 Mbps.
- 26.1Mb—26.1 Mbps.
- 26.5Mb—26.5 Mbps.
- 26.9Mb—26.9 Mbps.
- 27.2Mb—27.2 Mbps.
- 27.6Mb—27.6 Mbps.
- 27.9Mb—27.9 Mbps.
- 28.3Mb—28.3 Mbps.
- 28.6Mb—28.6 Mbps.
- 29.0Mb—29.0 Mbps.
- 29.4Mb—29.4 Mbps.
- 29.7Mb—29.7 Mbps.
- 3.2Mb—3.2 Mbps.
- 3.6Mb—3.6 Mbps.
- 3.9Mb—3.9 Mbps.
- 30.1Mb—30.1 Mbps.
- 30.4Mb—30.4 Mbps.
- 30.8Mb—30.8 Mbps.
- 31.1Mb—31.1 Mbps.
- 31.5Mb—31.5 Mbps.
- 31.9Mb—31.9 Mbps.
- 32.2Mb—32.2 Mbps.

- 32.6Mb—32.6 Mbps.
- 32.9Mb—32.9 Mbps.
- 33.3Mb—33.3 Mbps.
- 33.7Mb—33.7 Mbps.
- 34.0Mb—34.0 Mbps.
- 358Kb—358 Kbps.
- 4.3Mb—4.3 Mbps.
- 4.7Mb—4.7 Mbps.
- 5.0Mb—5.0 Mbps.
- 5.4Mb—5.4 Mbps.
- 5.7Mb—5.7 Mbps.
- 6.1Mb—6.1 Mbps.
- 6.4Mb—6.4 Mbps.
- 6.8Mb—6.8 Mbps.
- 7.2Mb—7.2 Mbps.
- 7.5Mb—7.5 Mbps.
- 7.9Mb—7.9 Mbps.
- 716Kb—716 Kbps.
- 8.2Mb—8.2 Mbps.
- 8.6Mb—8.6 Mbps.
- 9.0Mb—9.0 Mbps.
- 9.3Mb—9.3 Mbps.
- 9.7Mb—9.7 Mbps.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <t3-options>
          <compatibility-mode>
            <digital-link>
              <subrate>subrate-choice</subrate>
            </digital-link>
          </compatibility-mode>
        </t3-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Compatible with Digital Link CSU.

Contents <subrate>—Set subrate value.

- 1.2Mb—1.2 Mbps.
- 1.5Mb—1.5 Mbps.
- 1.8Mb—1.8 Mbps.
- 10.2Mb—10.2 Mbps.
- 10.5Mb—10.5 Mbps.
- 10.8Mb—10.8 Mbps.
- 11.1Mb—11.1 Mbps.
- 11.4Mb—11.4 Mbps.
- 11.7Mb—11.7 Mbps.
- 12.0Mb—12.0 Mbps.
- 12.3Mb—12.3 Mbps.
- 12.6Mb—12.6 Mbps.
- 12.9Mb—12.9 Mbps.
- 13.2Mb—13.2 Mbps.
- 13.5Mb—13.5 Mbps.
- 13.8Mb—13.8 Mbps.

- 14.1Mb—14.1 Mbps.
- 14.4Mb—14.4 Mbps.
- 14.7Mb—14.7 Mbps.
- 15.0Mb—15.0 Mbps.
- 15.3Mb—15.3 Mbps.
- 15.6Mb—15.6 Mbps.
- 15.9Mb—15.9 Mbps.
- 16.2Mb—16.2 Mbps.
- 16.5Mb—16.5 Mbps.
- 16.8Mb—16.8 Mbps.
- 17.1Mb—17.1 Mbps.
- 17.4Mb—17.4 Mbps.
- 17.7Mb—17.7 Mbps.
- 18.0Mb—18.0 Mbps.
- 18.3Mb—18.3 Mbps.
- 18.6Mb—18.6 Mbps.
- 18.9Mb—18.9 Mbps.
- 19.2Mb—19.2 Mbps.
- 19.5Mb—19.5 Mbps.
- 19.8Mb—19.8 Mbps.
- 2.1Mb—2.1 Mbps.
- 2.4Mb—2.4 Mbps.
- 2.7Mb—2.7 Mbps.
- 20.1Mb—20.1 Mbps.
- 20.5Mb—20.5 Mbps.
- 20.8Mb—20.8 Mbps.
- 21.1Mb—21.1 Mbps.
- 21.4Mb—21.4 Mbps.

- 21.7Mb—21.7 Mbps.
- 22.0Mb—22.0 Mbps.
- 22.3Mb—22.3 Mbps.
- 22.6Mb—22.6 Mbps.
- 22.9Mb—22.9 Mbps.
- 23.2Mb—23.2 Mbps.
- 23.5Mb—23.5 Mbps.
- 23.8Mb—23.8 Mbps.
- 24.1Mb—24.1 Mbps.
- 24.4Mb—24.4 Mbps.
- 24.7Mb—24.7 Mbps.
- 25.0Mb—25.0 Mbps.
- 25.3Mb—25.3 Mbps.
- 25.6Mb—25.6 Mbps.
- 25.9Mb—25.9 Mbps.
- 26.2Mb—26.2 Mbps.
- 26.5Mb—26.5 Mbps.
- 26.8Mb—26.8 Mbps.
- 27.1Mb—27.1 Mbps.
- 27.4Mb—27.4 Mbps.
- 27.7Mb—27.7 Mbps.
- 28.0Mb—28.0 Mbps.
- 28.3Mb—28.3 Mbps.
- 28.6Mb—28.6 Mbps.
- 28.9Mb—28.9 Mbps.
- 29.2Mb—29.2 Mbps.
- 29.5Mb—29.5 Mbps.
- 29.8Mb—29.8 Mbps.

- 3.0Mb—3.0 Mbps.
- 3.3Mb—3.3 Mbps.
- 3.6Mb—3.6 Mbps.
- 3.9Mb—3.9 Mbps.
- 30.1Mb—30.1 Mbps.
- 30.4Mb—30.4 Mbps.
- 30.7Mb—30.7 Mbps.
- 301Kb—301 Kbps.
- 31.0Mb—31.0 Mbps.
- 31.3Mb—31.3 Mbps.
- 31.6Mb—31.6 Mbps.
- 31.9Mb—31.9 Mbps.
- 32.2Mb—32.2 Mbps.
- 32.5Mb—32.5 Mbps.
- 32.8Mb—32.8 Mbps.
- 33.1Mb—33.1 Mbps.
- 33.4Mb—33.4 Mbps.
- 33.7Mb—33.7 Mbps.
- 34.0Mb—34.0 Mbps.
- 34.3Mb—34.3 Mbps.
- 34.6Mb—34.6 Mbps.
- 34.9Mb—34.9 Mbps.
- 35.2Mb—35.2 Mbps.
- 35.5Mb—35.5 Mbps.
- 35.8Mb—35.8 Mbps.
- 36.1Mb—36.1 Mbps.
- 36.4Mb—36.4 Mbps.
- 36.7Mb—36.7 Mbps.

- 37.0Mb—37.0 Mbps.
- 37.3Mb—37.3 Mbps.
- 37.6Mb—37.6 Mbps.
- 37.9Mb—37.9 Mbps.
- 38.2Mb—38.2 Mbps.
- 38.5Mb—38.5 Mbps.
- 38.8Mb—38.8 Mbps.
- 39.1Mb—39.1 Mbps.
- 39.4Mb—39.4 Mbps.
- 39.7Mb—39.7 Mbps.
- 4.2Mb—4.2 Mbps.
- 4.5Mb—4.5 Mbps.
- 4.8Mb—4.8 Mbps.
- 40.0Mb—40.0 Mbps.
- 40.3Mb—40.3 Mbps.
- 40.6Mb—40.6 Mbps.
- 40.9Mb—40.9 Mbps.
- 41.2Mb—41.2 Mbps.
- 41.5Mb—41.5 Mbps.
- 41.8Mb—41.8 Mbps.
- 42.1Mb—42.1 Mbps.
- 42.4Mb—42.4 Mbps.
- 42.7Mb—42.7 Mbps.
- 43.0Mb—43.0 Mbps.
- 43.3Mb—43.3 Mbps.
- 43.6Mb—43.6 Mbps.
- 43.9Mb—43.9 Mbps.
- 44.2Mb—44.2 Mbps.

- 5.1Mb—5.1 Mbps.
- 5.4Mb—5.4 Mbps.
- 5.7Mb—5.7 Mbps.
- 6.0Mb—6.0 Mbps.
- 6.3Mb—6.3 Mbps.
- 6.6Mb—6.6 Mbps.
- 6.9Mb—6.9 Mbps.
- 601Kb—601 Kbps.
- 7.2Mb—7.2 Mbps.
- 7.5Mb—7.5 Mbps.
- 7.8Mb—7.8 Mbps.
- 8.1Mb—8.1 Mbps.
- 8.4Mb—8.4 Mbps.
- 8.7Mb—8.7 Mbps.
- 9.0Mb—9.0 Mbps.
- 9.3Mb—9.3 Mbps.
- 9.6Mb—9.6 Mbps.
- 9.9Mb—9.9 Mbps.
- 902Kb—902 Kbps.

<digital-link> (configuration/interfaces/interface/e3-options/ compatibility-mode)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <e3-options>
        <compatibility-mode>
          <digital-link>
            <subrate>subrate-choice</subrate>
          </digital-link>
        </compatibility-mode>
      </e3-options>
    </interface>
  </interfaces>
</configuration>
```

Description Compatible with Digital Link CSU.

Contents <subrate>—Set subrate value.

- 1.1Mb—1.1 Mbps.
- 1.4Mb—1.4 Mbps.
- 1.8Mb—1.8 Mbps.
- 10.0Mb—10.0 Mbps.
- 10.4Mb—10.4 Mbps.
- 10.7Mb—10.7 Mbps.
- 11.1Mb—11.1 Mbps.
- 11.5Mb—11.5 Mbps.
- 11.8Mb—11.8 Mbps.
- 12.2Mb—12.2 Mbps.
- 12.5Mb—12.5 Mbps.
- 12.9Mb—12.9 Mbps.
- 13.2Mb—13.2 Mbps.
- 13.6Mb—13.6 Mbps.
- 14.0Mb—14.0 Mbps.
- 14.3Mb—14.3 Mbps.
- 14.7Mb—14.7 Mbps.

- 15.0Mb—15.0 Mbps.
- 15.4Mb—15.4 Mbps.
- 15.8Mb—15.8 Mbps.
- 16.1Mb—16.1 Mbps.
- 16.5Mb—16.5 Mbps.
- 16.8Mb—16.8 Mbps.
- 17.2Mb—17.2 Mbps.
- 17.5Mb—17.5 Mbps.
- 17.9Mb—17.9 Mbps.
- 18.3Mb—18.3 Mbps.
- 18.6Mb—18.6 Mbps.
- 19.0Mb—19.0 Mbps.
- 19.3Mb—19.3 Mbps.
- 19.7Mb—19.7 Mbps.
- 2.1Mb—2.1 Mbps.
- 2.5Mb—2.5 Mbps.
- 2.9Mb—2.9 Mbps.
- 20.0Mb—20.0 Mbps.
- 20.4Mb—20.4 Mbps.
- 20.8Mb—20.8 Mbps.
- 21.1Mb—21.1 Mbps.
- 21.5Mb—21.5 Mbps.
- 21.8Mb—21.8 Mbps.
- 22.2Mb—22.2 Mbps.
- 22.6Mb—22.6 Mbps.
- 22.9Mb—22.9 Mbps.
- 23.3Mb—23.3 Mbps.
- 23.6Mb—23.6 Mbps.

- 24.0Mb—24.0 Mbps.
- 24.3Mb—24.3 Mbps.
- 24.7Mb—24.7 Mbps.
- 25.1Mb—25.1 Mbps.
- 25.4Mb—25.4 Mbps.
- 25.8Mb—25.8 Mbps.
- 26.1Mb—26.1 Mbps.
- 26.5Mb—26.5 Mbps.
- 26.9Mb—26.9 Mbps.
- 27.2Mb—27.2 Mbps.
- 27.6Mb—27.6 Mbps.
- 27.9Mb—27.9 Mbps.
- 28.3Mb—28.3 Mbps.
- 28.6Mb—28.6 Mbps.
- 29.0Mb—29.0 Mbps.
- 29.4Mb—29.4 Mbps.
- 29.7Mb—29.7 Mbps.
- 3.2Mb—3.2 Mbps.
- 3.6Mb—3.6 Mbps.
- 3.9Mb—3.9 Mbps.
- 30.1Mb—30.1 Mbps.
- 30.4Mb—30.4 Mbps.
- 30.8Mb—30.8 Mbps.
- 31.1Mb—31.1 Mbps.
- 31.5Mb—31.5 Mbps.
- 31.9Mb—31.9 Mbps.
- 32.2Mb—32.2 Mbps.
- 32.6Mb—32.6 Mbps.

- 32.9Mb—32.9 Mbps.
- 33.3Mb—33.3 Mbps.
- 33.7Mb—33.7 Mbps.
- 34.0Mb—34.0 Mbps.
- 358Kb—358 Kbps.
- 4.3Mb—4.3 Mbps.
- 4.7Mb—4.7 Mbps.
- 5.0Mb—5.0 Mbps.
- 5.4Mb—5.4 Mbps.
- 5.7Mb—5.7 Mbps.
- 6.1Mb—6.1 Mbps.
- 6.4Mb—6.4 Mbps.
- 6.8Mb—6.8 Mbps.
- 7.2Mb—7.2 Mbps.
- 7.5Mb—7.5 Mbps.
- 7.9Mb—7.9 Mbps.
- 716Kb—716 Kbps.
- 8.2Mb—8.2 Mbps.
- 8.6Mb—8.6 Mbps.
- 9.0Mb—9.0 Mbps.
- 9.3Mb—9.3 Mbps.
- 9.7Mb—9.7 Mbps.

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

Usage

```
<configuration>
  <interfaces>
    <interface>
      <t3-options>
        <compatibility-mode>
          <digital-link>
            <subrate>subrate-choice</subrate>
          </digital-link>
        </compatibility-mode>
      </t3-options>
    </interface>
  </interfaces>
</configuration>
```

Description Compatible with Digital Link CSU.

Contents <subrate>—Set subrate value.

- 1.2Mb—1.2 Mbps.
- 1.5Mb—1.5 Mbps.
- 1.8Mb—1.8 Mbps.
- 10.2Mb—10.2 Mbps.
- 10.5Mb—10.5 Mbps.
- 10.8Mb—10.8 Mbps.
- 11.1Mb—11.1 Mbps.
- 11.4Mb—11.4 Mbps.
- 11.7Mb—11.7 Mbps.
- 12.0Mb—12.0 Mbps.
- 12.3Mb—12.3 Mbps.
- 12.6Mb—12.6 Mbps.
- 12.9Mb—12.9 Mbps.
- 13.2Mb—13.2 Mbps.
- 13.5Mb—13.5 Mbps.
- 13.8Mb—13.8 Mbps.
- 14.1Mb—14.1 Mbps.

- 14.4Mb—14.4 Mbps.
- 14.7Mb—14.7 Mbps.
- 15.0Mb—15.0 Mbps.
- 15.3Mb—15.3 Mbps.
- 15.6Mb—15.6 Mbps.
- 15.9Mb—15.9 Mbps.
- 16.2Mb—16.2 Mbps.
- 16.5Mb—16.5 Mbps.
- 16.8Mb—16.8 Mbps.
- 17.1Mb—17.1 Mbps.
- 17.4Mb—17.4 Mbps.
- 17.7Mb—17.7 Mbps.
- 18.0Mb—18.0 Mbps.
- 18.3Mb—18.3 Mbps.
- 18.6Mb—18.6 Mbps.
- 18.9Mb—18.9 Mbps.
- 19.2Mb—19.2 Mbps.
- 19.5Mb—19.5 Mbps.
- 19.8Mb—19.8 Mbps.
- 2.1Mb—2.1 Mbps.
- 2.4Mb—2.4 Mbps.
- 2.7Mb—2.7 Mbps.
- 20.1Mb—20.1 Mbps.
- 20.5Mb—20.5 Mbps.
- 20.8Mb—20.8 Mbps.
- 21.1Mb—21.1 Mbps.
- 21.4Mb—21.4 Mbps.
- 21.7Mb—21.7 Mbps.

- 22.0Mb—22.0 Mbps.
- 22.3Mb—22.3 Mbps.
- 22.6Mb—22.6 Mbps.
- 22.9Mb—22.9 Mbps.
- 23.2Mb—23.2 Mbps.
- 23.5Mb—23.5 Mbps.
- 23.8Mb—23.8 Mbps.
- 24.1Mb—24.1 Mbps.
- 24.4Mb—24.4 Mbps.
- 24.7Mb—24.7 Mbps.
- 25.0Mb—25.0 Mbps.
- 25.3Mb—25.3 Mbps.
- 25.6Mb—25.6 Mbps.
- 25.9Mb—25.9 Mbps.
- 26.2Mb—26.2 Mbps.
- 26.5Mb—26.5 Mbps.
- 26.8Mb—26.8 Mbps.
- 27.1Mb—27.1 Mbps.
- 27.4Mb—27.4 Mbps.
- 27.7Mb—27.7 Mbps.
- 28.0Mb—28.0 Mbps.
- 28.3Mb—28.3 Mbps.
- 28.6Mb—28.6 Mbps.
- 28.9Mb—28.9 Mbps.
- 29.2Mb—29.2 Mbps.
- 29.5Mb—29.5 Mbps.
- 29.8Mb—29.8 Mbps.
- 3.0Mb—3.0 Mbps.

- 3.3Mb—3.3 Mbps.
- 3.6Mb—3.6 Mbps.
- 3.9Mb—3.9 Mbps.
- 30.1Mb—30.1 Mbps.
- 30.4Mb—30.4 Mbps.
- 30.7Mb—30.7 Mbps.
- 301Kb—301 Kbps.
- 31.0Mb—31.0 Mbps.
- 31.3Mb—31.3 Mbps.
- 31.6Mb—31.6 Mbps.
- 31.9Mb—31.9 Mbps.
- 32.2Mb—32.2 Mbps.
- 32.5Mb—32.5 Mbps.
- 32.8Mb—32.8 Mbps.
- 33.1Mb—33.1 Mbps.
- 33.4Mb—33.4 Mbps.
- 33.7Mb—33.7 Mbps.
- 34.0Mb—34.0 Mbps.
- 34.3Mb—34.3 Mbps.
- 34.6Mb—34.6 Mbps.
- 34.9Mb—34.9 Mbps.
- 35.2Mb—35.2 Mbps.
- 35.5Mb—35.5 Mbps.
- 35.8Mb—35.8 Mbps.
- 36.1Mb—36.1 Mbps.
- 36.4Mb—36.4 Mbps.
- 36.7Mb—36.7 Mbps.
- 37.0Mb—37.0 Mbps.

- 37.3Mb—37.3 Mbps.
- 37.6Mb—37.6 Mbps.
- 37.9Mb—37.9 Mbps.
- 38.2Mb—38.2 Mbps.
- 38.5Mb—38.5 Mbps.
- 38.8Mb—38.8 Mbps.
- 39.1Mb—39.1 Mbps.
- 39.4Mb—39.4 Mbps.
- 39.7Mb—39.7 Mbps.
- 4.2Mb—4.2 Mbps.
- 4.5Mb—4.5 Mbps.
- 4.8Mb—4.8 Mbps.
- 40.0Mb—40.0 Mbps.
- 40.3Mb—40.3 Mbps.
- 40.6Mb—40.6 Mbps.
- 40.9Mb—40.9 Mbps.
- 41.2Mb—41.2 Mbps.
- 41.5Mb—41.5 Mbps.
- 41.8Mb—41.8 Mbps.
- 42.1Mb—42.1 Mbps.
- 42.4Mb—42.4 Mbps.
- 42.7Mb—42.7 Mbps.
- 43.0Mb—43.0 Mbps.
- 43.3Mb—43.3 Mbps.
- 43.6Mb—43.6 Mbps.
- 43.9Mb—43.9 Mbps.
- 44.2Mb—44.2 Mbps.
- 5.1Mb—5.1 Mbps.

- 5.4Mb—5.4 Mbps.
- 5.7Mb—5.7 Mbps.
- 6.0Mb—6.0 Mbps.
- 6.3Mb—6.3 Mbps.
- 6.6Mb—6.6 Mbps.
- 6.9Mb—6.9 Mbps.
- 601Kb—601 Kbps.
- 7.2Mb—7.2 Mbps.
- 7.5Mb—7.5 Mbps.
- 7.8Mb—7.8 Mbps.
- 8.1Mb—8.1 Mbps.
- 8.4Mb—8.4 Mbps.
- 8.7Mb—8.7 Mbps.
- 9.0Mb—9.0 Mbps.
- 9.3Mb—9.3 Mbps.
- 9.6Mb—9.6 Mbps.
- 9.9Mb—9.9 Mbps.
- 902Kb—902 Kbps.

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

Usage

```
<configuration>
  <security>
    <idp>
      <dynamic-attack-group>
        <filters>
          <direction>
            <values>...</values>     <!-- mandatory -->
          </direction>
        </filters>
      </dynamic-attack-group>
    </idp>
  </security>
</configuration>
```

Description Direction of attack.

Contents <values>—Values for direction field.

<direction> (configuration/security/ipsec/internal/ security-association/manual)

Usage

```
<configuration>
  <security>
    <ipsec>
      <internal>
        <security-association>
          <manual>
            <direction>
              <name>name</name>     <!-- identifier -->
              <protocol>protocol-choice</protocol>     <!-- mandatory -->
              <spi>spi</spi>     <!-- mandatory -->
              <auxiliary-spi>auxiliary-spi</auxiliary-spi>
              <authentication>...</authentication>
              <encryption>...</encryption>
            </direction>
          </manual>
        </security-association>
      </internal>
    </ipsec>
  </security>
</configuration>
```

Description Define the direction of the security association.

Contents <authentication>—Define authentication parameters.

<auxiliary-spi>—ESP security parameter index for IPSec SA bundle.

<encryption>—Define encryption parameters.

<name>—No documentation is available yet.

- bidirectional—Bidirectional security association.
- inbound—Inbound security association.
- outbound—Outbound security association.

<protocol>—Define an IPSec protocol for the security association.

- ah—Authentication header.
- bundle—Bundle (AH authentication plus ESP encryption).
- esp—Encapsulated Security Payload header.

<spi>—Define security parameter index.

<direction> (configuration/security/ipsec/security-association/ manual)

Usage

```
<configuration>
  <security>
    <ipsec>
      <security-association>
        <manual>
          <direction>
            <name>name</name>     <!-- identifier -->
            <protocol>protocol-choice</protocol>     <!-- mandatory -->
            <spi>spi</spi>     <!-- mandatory -->
            <auxiliary-spi>auxiliary-spi</auxiliary-spi>
            <authentication>...</authentication>
            <encryption>...</encryption>
          </direction>
        </manual>
      </security-association>
    </ipsec>
  </security>
</configuration>
```

Description Define the direction of the security association.

Contents <authentication>—Define authentication parameters.

<auxiliary-spi>—ESP security parameter index for IPSec SA bundle.

<encryption>—Define encryption parameters.

<name>—No documentation is available yet.

- bidirectional—Bidirectional security association.
- inbound—Inbound security association.
- outbound—Outbound security association.

<protocol>—Define an IPSec protocol for the security association.

- ah—Authentication header.
- bundle—Bundle (AH authentication plus ESP encryption).
- esp—Encapsulated Security Payload header.

<spi>—Define security parameter index.

<direction> (configuration/services/ipsec-vpn/rule/term/then/ manual)

Usage

```
<configuration>
  <services>
    <ipsec-vpn>
      <rule>
        <term>
          <then>
            <manual>
              <direction>
                <name>name</name>     <!-- identifier -->
                <protocol>protocol-choice</protocol>     <!-- mandatory -->
                <spi>spi</spi>     <!-- mandatory -->
                <auxiliary-spi>auxiliary-spi</auxiliary-spi>
                <authentication>...</authentication>
                <encryption>...</encryption>
              </direction>
            </manual>
          </then>
        </term>
      </rule>
    </ipsec-vpn>
  </services>
</configuration>
```

Description Define the direction of the security association.

Contents <authentication>—Define authentication parameters.

<auxiliary-spi>—ESP security parameter index for IPSec SA bundle.

<encryption>—Define encryption parameters.

<name>—No documentation is available yet.

- bidirectional—Bidirectional security association.
- inbound—Inbound security association.
- outbound—Outbound security association.

<protocol>—Define an IPSec protocol for the security association.

- ah—Authentication header.
- bundle—Bundle (AH authentication plus ESP encryption).
- esp—Encapsulated Security Payload header.

<spi>—Define security parameter index.

<disable> (configuration/security/pki/ca-profile/ revocation-check/crl)

Usage

```
<configuration>
  <security>
    <pki>
      <ca-profile>
        <revocation-check>
          <crl>
            <disable>
              <on-download-failure/>
            </disable>
          </crl>
        </revocation-check>
      </ca-profile>
    </pki>
  </security>
</configuration>
```

Description No documentation is available yet.

Contents <on-download-failure>—Disable revocation check if failed to download CRL.

<discard> (configuration/firewall/family/inet/filter/term/then)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <then>
              <discard>
                <accounting>accounting</accounting>
              </discard>
            </then>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Discard the packet.

Contents <accounting>—Named discard collector for packet.

<discard> (configuration/firewall/filter/term/then)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <then>
          <discard>
            <accounting>accounting</accounting>
          </discard>
        </then>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Discard the packet.

Contents <accounting>—Named discard collector for packet.

<discard> (configuration/logical-systems/firewall/family/inet/filter/term/then)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <then>
                <discard>
                  <accounting>accounting</accounting>
                </discard>
              </then>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Discard the packet.

Contents <accounting>—Named discard collector for packet.

<discard> (configuration/logical-systems/firewall/filter/term/ then)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <then>
            <discard>
              <accounting>accounting</accounting>
            </discard>
          </then>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Discard the packet.

Contents <accounting>—Named discard collector for packet.

<disconnect> (configuration/services/pgcp/gateway/h248-options/ service-change/control-association-indications)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <h248-options>
          <service-change>
            <control-association-indications>
              <disconnect>
                <reconnect>reconnect-choice</reconnect>
                <controller-failure>controller-failure-choice</controller-failure>
              </disconnect>
            </control-association-indications>
          </service-change>
        </h248-options>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <controller-failure>—Configure controller failure service change.

- failover-909—Gateway controller impending failure.
- restart-902—Warm boot.

<reconnect>—Configure reconnect service change.

- disconnected-900—Service restored.
- restart-902—Warm boot.

<dns> (configuration/services/ggsn/service-identification/ dns-rule/term/from)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-identification>
        <dns-rule>
          <term>
            <from>
              <dns>
                <query-name>...</query-name>
                <answer-name>...</answer-name>
              </dns>
            </from>
          </term>
        </dns-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>
```

Description Match DNS sessions.

Contents <answer-name>—Match answer name.

<query-name>—Match query name.

<dns-rule> (configuration/services/ggsn/service-identification)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-identification>
        <dns-rule>
          <name>name</name>     <!-- identifier -->
          <term>...</term>     <!-- mandatory -->
        </dns-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>
```

Description DNS rule.

Contents <name>—Rule name.

<term>—Define a service identification term.

<dns-rule-set> (configuration/services/ggsn/ service-identification)

Usage

```
<configuration>
  <services>
    <ggsn>
      <service-identification>
        <dns-rule-set>
          <name>name</name>     <!-- identifier -->
          <rule>...</rule>
        </dns-rule-set>
      </service-identification>
    </ggsn>
  </services>
</configuration>
```

Description Define a set of DNS rules.

Contents <name>—Name of the rule set.

<rule>—Rule to be included in this rule set.

<domain> (configuration/bridge-domains)

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <name>name</name>     <!-- identifier -->
      <description>description</description>
      <domain-type>domain-type-choice</domain-type>
      <vlan-id>vlan-id-choice</vlan-id>
      <vlan-tags>...</vlan-tags>
      <vlan-id-list>...</vlan-id-list>
      <no-local-switching/>
      <interface>...</interface>
      <routing-interface>routing-interface</routing-interface>
      <forwarding-options>...</forwarding-options>
      <multicast-snooping-options>...</multicast-snooping-options>
      <bridge-options>...</bridge-options>
      <protocols>...</protocols>
    </domain>
  </bridge-domains>
</configuration>
```

Description No documentation is available yet.

Contents <bridge-options>—Bridge domain configuration.

<description>—Text description of bridge domain.

<domain-type>—Type of bridge domain.

- bridge—Forwarding instance.

<forwarding-options>—Forwarding options configuration.

<interface>—Interface name for this bridge domain.

<multicast-snooping-options>—Multicast snooping option configuration.

<name>—Bridge domain name.

<no-local-switching>—Disable local switching within CE-facing interfaces.

<protocols>—No documentation is available yet.

<routing-interface>—Routing interface name for this bridge-domain.

<vlan-id>—IEEE 802.1q VLAN identifier for bridging domain.

- all—All VLANs configured on member logical interfaces.
- none—No 802.1q VLAN.
- vlan-id—Vlan id.

<vlan-id-list>—Specify vlans for which auto vlan will be created.

<vlan-tags>—IEEE 802.1q VLAN tags for bridging domain.

<domain> (configuration/forwarding-options/helpers)

Usage

```
<configuration>
  <forwarding-options>
    <helpers>
      <domain>
        <description>description</description>
        <server>...</server>
        <interface>...</interface>
      </domain>
    </helpers>
  </forwarding-options>
</configuration>
```

Description Incoming DNS request forwarding configuration.

Contents <description>—Text description of server.

<interface>—Incoming DNS request forwarding interface configuration.

<server>—Server information.

<domain> (configuration/logical-systems/routing-instances/ instance/bridge-domains)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <name>name</name>     <!-- identifier -->
            <description>description</description>
            <domain-type>domain-type-choice</domain-type>
            <vlan-id>vlan-id-choice</vlan-id>
            <vlan-tags>...</vlan-tags>
            <vlan-id-list>...</vlan-id-list>
            <no-local-switching/>
            <interface>...</interface>
            <routing-interface>routing-interface</routing-interface>
            <forwarding-options>...</forwarding-options>
            <multicast-snooping-options>...</multicast-snooping-options>
            <bridge-options>...</bridge-options>
            <protocols>...</protocols>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description No documentation is available yet.

Contents <bridge-options>—Bridge domain configuration.

<description>—Text description of bridge domain.

<domain-type>—Type of bridge domain.

- bridge—Forwarding instance.

<forwarding-options>—Forwarding options configuration.

<interface>—Interface name for this bridge domain.

<multicast-snooping-options>—Multicast snooping option configuration.

<name>—Bridge domain name.

<no-local-switching>—Disable local switching within CE-facing interfaces.

<protocols>—No documentation is available yet.

<routing-interface>—Routing interface name for this bridge-domain.

<vlan-id>—IEEE 802.1q VLAN identifier for bridging domain.

- all—All VLANs configured on member logical interfaces.
- none—No 802.1q VLAN.
- vlan-id—Vlan id.

<vlan-id-list>—Specify vlans for which auto vlan will be created.

<vlan-tags>—IEEE 802.1q VLAN tags for bridging domain.

<domain> (configuration/logical-systems/routing-instances/ instance/forwarding-options/helpers)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <domain>
              <description>description</description>
              <server>...</server>
              <interface>...</interface>
            </domain>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Incoming DNS request forwarding configuration.

Contents <description>—Text description of server.

<interface>—Incoming DNS request forwarding interface configuration.

<server>—Server information.

<domain> (configuration/routing-instances/instance/ bridge-domains)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <name>name</name>     <!-- identifier -->
          <description>description</description>
          <domain-type>domain-type-choice</domain-type>
          <vlan-id>vlan-id-choice</vlan-id>
          <vlan-tags>...</vlan-tags>
          <vlan-id-list>...</vlan-id-list>
          <no-local-switching/>
          <interface>...</interface>
          <routing-interface>routing-interface</routing-interface>
          <forwarding-options>...</forwarding-options>
          <multicast-snooping-options>...</multicast-snooping-options>
          <bridge-options>...</bridge-options>
          <protocols>...</protocols>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>
```

Description No documentation is available yet.

Contents <bridge-options>—Bridge domain configuration.

<description>—Text description of bridge domain.

<domain-type>—Type of bridge domain.

- bridge—Forwarding instance.

<forwarding-options>—Forwarding options configuration.

<interface>—Interface name for this bridge domain.

<multicast-snooping-options>—Multicast snooping option configuration.

<name>—Bridge domain name.

<no-local-switching>—Disable local switching within CE-facing interfaces.

<protocols>—No documentation is available yet.

<routing-interface>—Routing interface name for this bridge-domain.

<vlan-id>—IEEE 802.1q VLAN identifier for bridging domain.

- all—All VLANs configured on member logical interfaces.

- none—No 802.1q VLAN.
- vlan-id—Vlan id.

<vlan-id-list>—Specify vlans for which auto vlan will be created.

<vlan-tags>—IEEE 802.1q VLAN tags for bridging domain.

<domain> (configuration/routing-instances/instance/ forwarding-options/helpers)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <domain>
            <description>description</description>
            <server>...</server>
            <interface>...</interface>
          </domain>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Incoming DNS request forwarding configuration.

Contents <description>—Text description of server.

<interface>—Incoming DNS request forwarding interface configuration.

<server>—Server information.

<domain-id> (configuration/logical-systems/protocols/ospf)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf>
        <domain-id>
          <domain-id>domain-id</domain-id>
          <disable/>
        </domain-id>
      </ospf>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/logical-systems/protocols/ospf3)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <domain-id>
          <domain-id>domain-id</domain-id>
          <disable/>
        </domain-id>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/logical-systems/protocols/ospf3/realm)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <realm>
          <domain-id>
            <domain-id>domain-id</domain-id>
            <disable/>
          </domain-id>
        </realm>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/logical-systems/routing-instances/instance/protocols/ospf)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <domain-id>
              <domain-id>domain-id</domain-id>
              <disable/>
            </domain-id>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/logical-systems/routing-instances/ instance/protocols/ospf3)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <domain-id>
              <domain-id>domain-id</domain-id>
              <disable/>
            </domain-id>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/logical-systems/routing-instances/ instance/protocols/ospf3/realm)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <realm>
              <domain-id>
                <domain-id>domain-id</domain-id>
                <disable/>
              </domain-id>
            </realm>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/protocols/ospf)

Usage

```
<configuration>
  <protocols>
    <ospf>
      <domain-id>
        <domain-id>domain-id</domain-id>
        <disable/>
      </domain-id>
    </ospf>
  </protocols>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/protocols/ospf3)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <domain-id>
        <domain-id>domain-id</domain-id>
        <disable/>
      </domain-id>
    </ospf3>
  </protocols>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/protocols/ospf3/realm)

Usage

```
<configuration>
  <protocols>
    <ospf3>
      <realm>
        <domain-id>
          <domain-id>domain-id</domain-id>
          <disable/>
        </domain-id>
      </realm>
    </ospf3>
  </protocols>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/routing-instances/instance/protocols/ospf)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <domain-id>
            <domain-id>domain-id</domain-id>
            <disable/>
          </domain-id>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/routing-instances/instance/protocols/ ospf3)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <domain-id>
            <domain-id>domain-id</domain-id>
            <disable/>
          </domain-id>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-id> (configuration/routing-instances/instance/protocols/ ospf3/realm)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <domain-id>
              <domain-id>domain-id</domain-id>
              <disable/>
            </domain-id>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Configure domain ID.

Contents <disable>—Disable domain ID.

<domain-id>—Domain ID.

<domain-search> (configuration/system)

Usage

```
<configuration>
  <system>
    <domain-search>
      <name>name</name>     <!-- identifier -->
    </domain-search>
  </system>
</configuration>
```

Description List of domain names to search.

Contents <name>—List of domain names to search.

<domain-search> (configuration/system/services/dhcp)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp>
        <domain-search>
          <name>name</name>     <!-- identifier -->
        </domain-search>
      </dhcp>
    </services>
  </system>
</configuration>
```

Description Domain search list used to resolve hostnames.

Contents <name>—DNS search suffix.

<domain-search> (configuration/system/services/dhcp/pool)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp>
        <pool>
          <domain-search>
            <name>name</name>     <!-- identifier -->
          </domain-search>
        </pool>
      </dhcp>
    </services>
  </system>
</configuration>
```

Description Domain search list used to resolve hostnames.

Contents <name>—DNS search suffix.

<domain-search> (configuration/system/services/dhcp/ static-binding)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp>
        <static-binding>
          <domain-search>
            <name>name</name>     <!-- identifier -->
          </domain-search>
        </static-binding>
      </dhcp>
    </services>
  </system>
</configuration>
```

Description Domain search list used to resolve hostnames.

Contents <name>—DNS search suffix.

<dot1q-tag> (configuration/firewall/family/ethernet-switching/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dot1q-tag>
                <name>name</name>     <!-- identifier -->
              </dot1q-tag>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match Dot1Q Tag Value.

Contents <name>—Range of values.

<dot1q-tag> (configuration/logical-systems/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dot1q-tag>
                  <name>name</name>     <!-- identifier -->
                </dot1q-tag>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Dot1Q Tag Value.

Contents <name>—Range of values.

<dot1q-tag-except> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dot1q-tag-except>
                <name>name</name>     <!-- identifier -->
              </dot1q-tag-except>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Do not match Dot1Q Tag Value.

Contents <name>—Range of values.

<dot1q-tag-except> (configuration/logical-systems/firewall/ family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dot1q-tag-except>
                  <name>name</name>     <!-- identifier -->
                </dot1q-tag-except>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Dot1Q Tag Value.

Contents <name>—Range of values.

<dot1q-user-priority> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dot1q-user-priority>
                <name>name</name>     <!-- identifier -->
              </dot1q-user-priority>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match Dot1Q user priority.

Contents <name>—No documentation is available yet.

- background—Background.
- best-effort—Best effort.
- controlled-load—Controlled load.
- excellent-load—Excellent load.
- network-control—Network control reserved traffic.
- range—Value.
- standard—Standard / spare.
- video—Video.
- voice—Voice.

<dot1q-user-priority> (configuration/logical-systems/firewall/ family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dot1q-user-priority>
                  <name>name</name>     <!-- identifier -->
                </dot1q-user-priority>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Dot1Q user priority.

Contents <name>—No documentation is available yet.

- background—Background.
- best-effort—Best effort.
- controlled-load—Controlled load.
- excellent-load—Excellent load.
- network-control—Network control reserved traffic.
- range—Value.
- standard—Standard / spare.
- video—Video.
- voice—Voice.

<dot1q-user-priority-except> (configuration/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dot1q-user-priority-except>
                <name>name</name>     <!-- identifier -->
              </dot1q-user-priority-except>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Do not match Dot1Q user priority.

Contents <name>—No documentation is available yet.

- background—Background.
- best-effort—Best effort.
- controlled-load—Controlled load.
- excellent-load—Excellent load.
- network-control—Network control reserved traffic.
- range—Value.
- standard—Standard / spare.
- video—Video.
- voice—Voice.

<dot1q-user-priority-except> (configuration/logical-systems/ firewall/family/ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dot1q-user-priority-except>
                  <name>name</name>     <!-- identifier -->
                </dot1q-user-priority-except>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Dot1Q user priority.

Contents <name>—No documentation is available yet.

- background—Background.
- best-effort—Best effort.
- controlled-load—Controlled load.
- excellent-load—Excellent load.
- network-control—Network control reserved traffic.
- range—Value.
- standard—Standard / spare.
- video—Video.
- voice—Voice.

<dot1x> (configuration/logical-systems/protocols)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <dot1x>
        <traceoptions>...</traceoptions>
        <authenticator>...</authenticator>
      </dot1x>
    </protocols>
  </logical-systems>
</configuration>
```

Description 802.1X options.

Contents <authenticator>—802.1X authenticator options.

<traceoptions>—Trace options for 802.1X.

<dot1x> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <dot1x>
      <traceoptions>...</traceoptions>
      <authenticator>...</authenticator>
    </dot1x>
  </protocols>
</configuration>
```

Description 802.1X options.

Contents <authenticator>—802.1X authenticator options.

<traceoptions>—Trace options for 802.1X.

<down> (configuration/services/pgcp/gateway/h248-options/ service-change/control-association-indications)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <h248-options>
          <service-change>
            <control-association-indications>
              <down>
                <administrative>administrative-choice</administrative>
                <failure>failure-choice</failure>
                <graceful>graceful-choice</graceful>
              </down>
            </control-association-indications>
          </service-change>
        </h248-options>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <administrative>—Configure administrative service change.

- forced-905—Termination taken out of service.
- forced-908—Gateway impending failure.
- none—Suppress service change.

<failure>—Configure failure service change.

- forced-904—Termination malfunctioning.
- forced-908—Gateway impending failure.
- none—Suppress service change.

<graceful>—Configure graceful service change.

- graceful-905—Termination taken out of service.
- none—Suppress graceful-905 service change.

<downlink-dscp-remapping> (configuration/services/ggsn/gtp)

Usage

```
<configuration>
  <services>
    <ggsn>
      <gtp>
        <downlink-dscp-remapping>
          <conversational-1>...</conversational-1>
          <conversational-2>...</conversational-2>
          <streaming-1>...</streaming-1>
          <streaming-2>...</streaming-2>
          <interactive-1>...</interactive-1>
          <interactive-2>...</interactive-2>
          <interactive-3>...</interactive-3>
          <background>...</background>
        </downlink-dscp-remapping>
      </gtp>
    </ggsn>
  </services>
</configuration>
```

Description Gn interface quality-of-service to DSCP remapping.

Contents <background>—DSCP name for background traffic.

<conversational-1>—DSCP name for conversational class 1 traffic.

<conversational-2>—DSCP name for conversational class 2 traffic.

<interactive-1>—DSCP name for interactive class 1 traffic.

<interactive-2>—DSCP name for interactive class 2 traffic.

<interactive-3>—DSCP name for interactive class 3 traffic.

<streaming-1>—DSCP name for streaming class 1 traffic.

<streaming-2>—DSCP name for streaming class 2 traffic.

<download> (configuration/services/application-identification)

Usage

```
<configuration>
  <services>
    <application-identification>
      <download>
        <url>url</url>
        <automatic>...</automatic>
      </download>
    </application-identification>
  </services>
</configuration>
```

Description No documentation is available yet.

Contents <automatic>—Scheduled download and update.

<url>—URL for application package download.

<dr-register-policy> (configuration/logical-systems/protocols/pim/rp)

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <pim>
        <rp>
          <dr-register-policy>
            <name>name</name>     <!-- identifier -->
          </dr-register-policy>
        </rp>
      </pim>
    </protocols>
  </logical-systems>
</configuration>
```

Description DR policy applied to outgoing register messages.

Contents <name>—DR policy applied to outgoing register messages.

<dr-register-policy> (configuration/logical-systems/ routing-instances/instance/protocols/pim/rp)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <pim>
            <rp>
              <dr-register-policy>
                <name>name</name>     <!-- identifier -->
              </dr-register-policy>
            </rp>
          </pim>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description DR policy applied to outgoing register messages.

Contents <name>—DR policy applied to outgoing register messages.

<dr-register-policy> (configuration/protocols/pim/rp)

Usage

```
<configuration>
  <protocols>
    <pim>
      <rp>
        <dr-register-policy>
          <name>name</name>     <!-- identifier -->
        </dr-register-policy>
      </rp>
    </pim>
  </protocols>
</configuration>
```

Description DR policy applied to outgoing register messages.

Contents <name>—DR policy applied to outgoing register messages.

<dr-register-policy> (configuration/routing-instances/instance/ protocols/pim/rp)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <pim>
          <rp>
            <dr-register-policy>
              <name>name</name>     <!-- identifier -->
            </dr-register-policy>
          </rp>
        </pim>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description DR policy applied to outgoing register messages.

Contents <name>—DR policy applied to outgoing register messages.

<drop-pending-authorization> (configuration/services/ggsn/ rule-space)

Usage

```
<configuration>
  <services>
    <ggsn>
      <rule-space>
        <drop-pending-authorization>
          <name>name</name>     <!-- identifier -->
        </drop-pending-authorization>
      </rule-space>
    </ggsn>
  </services>
</configuration>
```

Description List of service identifiers for which payload will dropped while waiting for authorization.

Contents <name>—List of service identifiers for which payload will dropped while waiting for authorization.

<drop-probability> (configuration/class-of-service/ drop-profiles/interpolate)

Usage

```
<configuration>
  <class-of-service>
    <drop-profiles>
      <interpolate>
        <drop-probability>
          <name>name</name>     <!-- identifier -->
        </drop-probability>
      </interpolate>
    </drop-profiles>
  </class-of-service>
</configuration>
```

Description Data points for packet drop probability.

Contents <name>—Data points for packet drop probability.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <drop-profiles>
        <interpolate>
          <drop-probability>
            <name>name</name>     <!-- identifier -->
          </drop-probability>
        </interpolate>
      </drop-profiles>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Data points for packet drop probability.

Contents <name>—Data points for packet drop probability.

<drop-profile-map> (configuration/class-of-service/schedulers)

Usage

```
<configuration>
  <class-of-service>
    <schedulers>
      <drop-profile-map>
        <loss-priority>loss-priority-choice</loss-priority>     <!-- identifier -->
        <protocol>protocol-choice</protocol>     <!-- identifier -->
        <drop-profile>drop-profile</drop-profile>     <!-- mandatory -->
      </drop-profile-map>
    </schedulers>
  </class-of-service>
</configuration>
```

Description Assign drop profile to a loss priority and protocol.

Contents <drop-profile>—Name of drop profile to apply.

<loss-priority>—Loss priority value.

- any—Ignore loss priority when assigning drop profile.
- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<protocol>—Protocol type.

- any—Ignore protocol type when assigning drop profile.
- non-tcp—Non-TCP protocols only.
- tcp—TCP protocol only.

<drop-profile-map> (configuration/dynamic-profiles/ class-of-service/schedulers)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <schedulers>
        <drop-profile-map>
          <loss-priority>loss-priority-choice</loss-priority>     <!-- identifier -->
          <protocol>protocol-choice</protocol>     <!-- identifier -->
          <drop-profile>drop-profile</drop-profile>     <!-- mandatory -->
        </drop-profile-map>
      </schedulers>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Assign drop profile to a loss priority and protocol.

Contents <drop-profile>—Name of drop profile to apply.

<loss-priority>—Loss priority value.

- any—Ignore loss priority when assigning drop profile.
- high—Loss priority high.
- low—Loss priority low.
- medium-high—Loss priority medium-high.
- medium-low—Loss priority medium-low.

<protocol>—Protocol type.

- any—Ignore protocol type when assigning drop profile.
- non-tcp—Non-TCP protocols only.
- tcp—TCP protocol only.

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

Usage

```
<configuration>
  <class-of-service>
    <drop-profiles>
      <name>name</name>     <!-- identifier -->
      <fill-level>...</fill-level>
      <interpolate>...</interpolate>
    </drop-profiles>
  </class-of-service>
</configuration>
```

Description Random Early Drop (RED) data point map.

Contents <fill-level>—Fill-level value of data point.

<interpolate>—Data points interpolated.

<name>—Drop profile name.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <drop-profiles>
        <name>name</name>     <!-- identifier -->
        <fill-level>...</fill-level>
        <interpolate>...</interpolate>
      </drop-profiles>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Random Early Drop (RED) data point map.

Contents <fill-level>—Fill-level value of data point.

<interpolate>—Data points interpolated.

<name>—Drop profile name.

<ds0-options> (configuration/dynamic-profiles/interfaces/ interface)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <ds0-options>
          <loopback>loopback-choice</loopback>
          <byte-encoding>byte-encoding-choice</byte-encoding>
          <invert-data/>
          <fcs>fcs-choice</fcs>
          <idle-cycle-flag>idle-cycle-flag-choice</idle-cycle-flag>
          <start-end-flag>start-end-flag-choice</start-end-flag>
          <bert-algorithm>bert-algorithm-choice</bert-algorithm>
          <bert-error-rate>bert-error-rate</bert-error-rate>
          <bert-period>seconds</bert-period>
        </ds0-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description DS-0 interface-specific options.

Contents <bert-algorithm>—Set BERT algorithm.

- all-ones-repeating—Repeating one bits.
- all-zeros-repeating—Repeating zero bits.
- alternating-double-ones-zeros—Alternating pairs of ones and zeros.
- alternating-ones-zeros—Alternating ones and zeros.
- pseudo-2e11-o152—Pattern is 2^11 -1 (per O.152 standard).
- pseudo-2e15-o151—Pattern is 2^15 - 1 (per O.151 standard).
- pseudo-2e20-o151—Pattern is 2^20 - 1 (per O.151 standard).
- pseudo-2e20-o153—Pattern is 2^20 - 1 (per O.153 standard).
- repeating-1-in-16—1 bit in 16 is set.
- repeating-1-in-4—1 bit in 4 is set.
- repeating-1-in-8—1 bit in 8 is set.
- repeating-3-in-24—3 bits in 24 are set.

<bert-error-rate>—Bit error rate (10^-n for n > 0, and zero for n = 0).

<bert-period>—Length of BERT test.

<byte-encoding>—Byte encoding.

- nx56—7 bits per byte.
- nx64—8 bits per byte.

<fcs>—Frame checksum.

- 16—16-bit mode.
- 32—32-bit mode.

<idle-cycle-flag>—Value to transmit in idle cycles.

- flags—Transmit 0x7E in idle cycles.
- ones—Transmit 0xFF (all ones) in idle cycles.

<invert-data>—Invert data.

<loopback>—Loopback mode.

- payload—Payload loopback.

<start-end-flag>—Set start/end flags on transmission.

- filler—Send two idle cycles between start/end flags.
- shared—Share start/end flags on transmit.

<ds0-options> (configuration/interfaces/interface)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <ds0-options>
        <loopback>loopback-choice</loopback>
        <byte-encoding>byte-encoding-choice</byte-encoding>
        <invert-data/>
        <fcs>fcs-choice</fcs>
        <idle-cycle-flag>idle-cycle-flag-choice</idle-cycle-flag>
        <start-end-flag>start-end-flag-choice</start-end-flag>
        <bert-algorithm>bert-algorithm-choice</bert-algorithm>
        <bert-error-rate>bert-error-rate</bert-error-rate>
        <bert-period>seconds</bert-period>
      </ds0-options>
    </interface>
  </interfaces>
</configuration>
```

Description DS-0 interface-specific options.

Contents <bert-algorithm>—Set BERT algorithm.

- all-ones-repeating—Repeating one bits.
- all-zeros-repeating—Repeating zero bits.
- alternating-double-ones-zeros—Alternating pairs of ones and zeros.
- alternating-ones-zeros—Alternating ones and zeros.
- pseudo-2e11-o152—Pattern is 2^11 -1 (per O.152 standard).
- pseudo-2e15-o151—Pattern is 2^15 - 1 (per O.151 standard).
- pseudo-2e20-o151—Pattern is 2^20 - 1 (per O.151 standard).
- pseudo-2e20-o153—Pattern is 2^20 - 1 (per O.153 standard).
- repeating-1-in-16—1 bit in 16 is set.
- repeating-1-in-4—1 bit in 4 is set.
- repeating-1-in-8—1 bit in 8 is set.
- repeating-3-in-24—3 bits in 24 are set.

<bert-error-rate>—Bit error rate (10^-n for n > 0, and zero for n = 0).

<bert-period>—Length of BERT test.

<byte-encoding>—Byte encoding.

- nx56—7 bits per byte.

- nx64—8 bits per byte.

<fcs>—Frame checksum.

- 16—16-bit mode.
- 32—32-bit mode.

<idle-cycle-flag>—Value to transmit in idle cycles.

- flags—Transmit 0x7E in idle cycles.
- ones—Transmit 0xFF (all ones) in idle cycles.

<invert-data>—Invert data.

<loopback>—Loopback mode.

- payload—Payload loopback.

<start-end-flag>—Set start/end flags on transmission.

- filler—Send two idle cycles between start/end flags.
- shared—Share start/end flags on transmit.

<ds1> (configuration/chassis/alarm)

Usage

```
<configuration>
  <chassis>
    <alarm>
      <ds1>
        <ais>ais-choice</ais>
        <ylw>ylw-choice</ylw>
      </ds1>
    </alarm>
  </chassis>
</configuration>
```

Description DS1 alarms.

Contents <ais>—Alarm indicator signal.

- ignore—Do not assert any alarm signals.
- red—Assert red system alarm.
- yellow—Assert yellow system alarm.

<ylw>—Yellow alarm.

- ignore—Do not assert any alarm signals.
- red—Assert red system alarm.
- yellow—Assert yellow system alarm.

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

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <dscp>
        <name>name</name>     <!-- identifier -->
        <import>import</import>
        <forwarding-class>...</forwarding-class>
      </dscp>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point classifier.

Contents <forwarding-class>—Define a classification of code point aliases.

<import>—Include this classifier in this definition.

<name>—Classifier name.

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

Usage

```
<configuration>
  <class-of-service>
    <code-point-aliases>
      <dscp>
        <name>name</name>     <!-- identifier -->
        <bits>bits</bits>     <!-- mandatory -->
      </dscp>
    </code-point-aliases>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point aliases.

Contents <bits>—DSCP 6-bit pattern.

<name>—DSCP alias name.

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

Usage

```
<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <classifiers>
            <dscp>
              <classifier-name>classifier-name</classifier-name>
            </dscp>
          </classifiers>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point classifier.

Contents <classifier-name>—Name of classifier to be applied.

<dscp> (configuration/class-of-service/interfaces/interface/ unit/rewrite-rules)

Usage

```
<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <rewrite-rules>
            <dscp>
              <name>name</name>     <!-- identifier -->
              <protocol>...</protocol>
            </dscp>
          </rewrite-rules>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point rewrite rule.

Contents <name>—Name of rewrite rule to be applied.

<protocol>—Specify protocol matching criteria.

<dscp> (configuration/class-of-service/rewrite-rules)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <dscp>
        <name>name</name>     <!-- identifier -->
        <import>import</import>
        <forwarding-class>...</forwarding-class>
      </dscp>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point rewrite rule.

Contents <forwarding-class>—Markings for named forwarding class.

<import>—Include this rewrite rule in this definition.

<name>—Rewrite rule name.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <classifiers>
        <dscp>
          <name>name</name>     <!-- identifier -->
          <import>import</import>
          <forwarding-class>...</forwarding-class>
        </dscp>
      </classifiers>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point classifier.

Contents <forwarding-class>—Define a classification of code point aliases.

<import>—Include this classifier in this definition.

<name>—Classifier name.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <code-point-aliases>
        <dscp>
          <name>name</name>     <!-- identifier -->
          <bits>bits</bits>     <!-- mandatory -->
        </dscp>
      </code-point-aliases>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point aliases.

Contents <bits>—DSCP 6-bit pattern.

<name>—DSCP alias name.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <classifiers>
              <dscp>
                <classifier-name>classifier-name</classifier-name>
              </dscp>
            </classifiers>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point classifier.

Contents <classifier-name>—Name of classifier to be applied.

<dscp> (configuration/dynamic-profiles/class-of-service/ interfaces/interface/unit/rewrite-rules)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <rewrite-rules>
              <dscp>
                <name>name</name>     <!-- identifier -->
                <protocol>...</protocol>
              </dscp>
            </rewrite-rules>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point rewrite rule.

Contents <name>—Name of rewrite rule to be applied.

<protocol>—Specify protocol matching criteria.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <dscp>
          <name>name</name>     <!-- identifier -->
          <import>import</import>
          <forwarding-class>...</forwarding-class>
        </dscp>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point rewrite rule.

Contents <forwarding-class>—Markings for named forwarding class.

<import>—Include this rewrite rule in this definition.

<name>—Rewrite rule name.

<dscp> (configuration/firewall/family/bridge/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <bridge>
        <filter>
          <term>
            <from>
              <dscp>
                <name>name</name>     <!-- identifier -->
              </dscp>
            </from>
          </term>
        </filter>
      </bridge>
    </family>
  </firewall>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.

- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/firewall/family/ethernet-switching/filter/ term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dscp>
                <name>name</name>     <!-- identifier -->
              </dscp>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.

- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/firewall/family/inet/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <dscp>
                <name>name</name>     <!-- identifier -->
              </dscp>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.

- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/firewall/family/vpls/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <vpls>
        <filter>
          <term>
            <from>
              <dscp>
                <name>name</name>     <!-- identifier -->
              </dscp>
            </from>
          </term>
        </filter>
      </vpls>
    </family>
  </firewall>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.

- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <dscp>
            <name>name</name>     <!-- identifier -->
          </dscp>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.

- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/firewall/family/bridge/ filter/term/from)

Usage

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

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dscp>
                  <name>name</name>     <!-- identifier -->
                </dscp>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/firewall/family/inet/ filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <dscp>
                  <name>name</name>     <!-- identifier -->
                </dscp>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/firewall/family/vpls/ filter/term/from)

Usage

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

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/firewall/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <dscp>
              <name>name</name>     <!-- identifier -->
            </dscp>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.

- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp> (configuration/logical-systems/routing-instances/ instance/routing-options/flow/route/match)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <flow>
            <route>
              <match>
                <dscp>
                  <name>name</name>     <!-- identifier -->
                </dscp>
              </match>
            </route>
          </flow>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Differentiated Services (DiffServ) code point (DSCP).

Contents <name>—Differentiated Services (DiffServ) code point (DSCP).

<dscp> (configuration/logical-systems/routing-options/flow/ route/match)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <flow>
        <route>
          <match>
            <dscp>
              <name>name</name>     <!-- identifier -->
            </dscp>
          </match>
        </route>
      </flow>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Differentiated Services (DiffServ) code point (DSCP).

Contents <name>—Differentiated Services (DiffServ) code point (DSCP).

<dscp> (configuration/routing-instances/instance/ routing-options/flow/route/match)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <flow>
          <route>
            <match>
              <dscp>
                <name>name</name>     <!-- identifier -->
              </dscp>
            </match>
          </route>
        </flow>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Differentiated Services (DiffServ) code point (DSCP).

Contents <name>—Differentiated Services (DiffServ) code point (DSCP).

<dscp> (configuration/routing-options/flow/route/match)

Usage

```
<configuration>
  <routing-options>
    <flow>
      <route>
        <match>
          <dscp>
            <name>name</name>     <!-- identifier -->
          </dscp>
        </match>
      </route>
    </flow>
  </routing-options>
</configuration>
```

Description Differentiated Services (DiffServ) code point (DSCP).

Contents <name>—Differentiated Services (DiffServ) code point (DSCP).

<dscp> (configuration/services/pgcp/gateway/h248-properties/ diffserv)

Usage

```
<configuration>
  <services>
    <pgcp>
      <gateway>
        <h248-properties>
          <diffserv>
            <dscp>
              <default>default-choice</default>
            </dscp>
          </diffserv>
        </h248-properties>
      </gateway>
    </pgcp>
  </services>
</configuration>
```

Description Differentiated Services Code Point (DSCP).

Contents <default>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.

- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- do-not-change—Do not override dscp value.
- dscp-value—8 bits bit-string or hex value in the format 0xXX.
- ef—Expedited forwarding.
- nc1—Network control 1.
- nc2—Network control 2.

<dscp-except> (configuration/firewall/family/bridge/filter/term/ from)

Usage

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

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.

- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/firewall/family/ethernet-switching/ filter/term/from)

Usage

```
<configuration>
  <firewall>
    <family>
      <ethernet-switching>
        <filter>
          <term>
            <from>
              <dscp-except>
                <name>name</name>     <!-- identifier -->
              </dscp-except>
            </from>
          </term>
        </filter>
      </ethernet-switching>
    </family>
  </firewall>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.

- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/firewall/family/inet/filter/term/ from)

Usage

```
<configuration>
  <firewall>
    <family>
      <inet>
        <filter>
          <term>
            <from>
              <dscp-except>
                <name>name</name>     <!-- identifier -->
              </dscp-except>
            </from>
          </term>
        </filter>
      </inet>
    </family>
  </firewall>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.

- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/firewall/family/vpls/filter/term/ from)

Usage

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

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.

- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/firewall/filter/term/from)

Usage

```
<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <dscp-except>
            <name>name</name>     <!-- identifier -->
          </dscp-except>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.

- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

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

Usage

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

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/logical-systems/firewall/family/ ethernet-switching/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <ethernet-switching>
          <filter>
            <term>
              <from>
                <dscp-except>
                  <name>name</name>     <!-- identifier -->
                </dscp-except>
              </from>
            </term>
          </filter>
        </ethernet-switching>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/logical-systems/firewall/family/ inet/filter/term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <from>
                <dscp-except>
                  <name>name</name>     <!-- identifier -->
                </dscp-except>
              </from>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

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

Usage

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

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.

- cs1—Class selector 1.
- cs2—Class selector 2.
- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-except> (configuration/logical-systems/firewall/filter/ term/from)

Usage

```
<configuration>
  <logical-systems>
    <firewall>
      <filter>
        <term>
          <from>
            <dscp-except>
              <name>name</name>     <!-- identifier -->
            </dscp-except>
          </from>
        </term>
      </filter>
    </firewall>
  </logical-systems>
</configuration>
```

Description Do not match Differentiated Services (DiffServ) code point.

Contents <name>—No documentation is available yet.

- af11—Assured forwarding class 1, low drop precedence.
- af12—Assured forwarding class 1, medium drop precedence.
- af13—Assured forwarding class 1, high drop precedence.
- af21—Assured forwarding class 2, low drop precedence.
- af22—Assured forwarding class 2, medium drop precedence.
- af23—Assured forwarding class 2, high drop precedence.
- af31—Assured forwarding class 3, low drop precedence.
- af32—Assured forwarding class 3, medium drop precedence.
- af33—Assured forwarding class 3, high drop precedence.
- af41—Assured forwarding class 4, low drop precedence.
- af42—Assured forwarding class 4, medium drop precedence.
- af43—Assured forwarding class 4, high drop precedence.
- be—Best effort (default).
- cs0—Class selector 0.
- cs1—Class selector 1.
- cs2—Class selector 2.

- cs3—Class selector 3.
- cs4—Class selector 4.
- cs5—Class selector 5.
- cs6—Class selector 6.
- cs7—Class selector 7.
- ef—Expedited forwarding.
- range—Range of values.

<dscp-ipv6> (configuration/class-of-service/classifiers)

Usage

```
<configuration>
  <class-of-service>
    <classifiers>
      <dscp-ipv6>
        <name>name</name>     <!-- identifier -->
        <import>import</import>
        <forwarding-class>...</forwarding-class>
      </dscp-ipv6>
    </classifiers>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point classifier IPv6.

Contents <forwarding-class>—Define a classification of code point aliases.

<import>—Include this classifier in this definition.

<name>—Classifier name.

<dscp-ipv6> (configuration/class-of-service/code-point-aliases)

Usage

```
<configuration>
  <class-of-service>
    <code-point-aliases>
      <dscp-ipv6>
        <name>name</name>     <!-- identifier -->
        <bits>bits</bits>     <!-- mandatory -->
      </dscp-ipv6>
    </code-point-aliases>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point aliases IPv6.

Contents <bits>—DSCP 6-bit pattern.

<name>—DSCP IPv6 alias name.

<dscp-ipv6> (configuration/class-of-service/interfaces/interface/unit/classifiers)

Usage

```
<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <classifiers>
            <dscp-ipv6>
              <classifier-name>classifier-name</classifier-name>
            </dscp-ipv6>
          </classifiers>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point classifier IPv6.

Contents <classifier-name>—Name of classifier to be applied.

<dscp-ipv6> (configuration/class-of-service/interfaces/ interface/unit/rewrite-rules)

Usage

```
<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <rewrite-rules>
            <dscp-ipv6>
              <rewrite-rule-name>rewrite-rule-name</rewrite-rule-name>
            </dscp-ipv6>
          </rewrite-rules>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point rewrite rule IPv6.

Contents <rewrite-rule-name>—Name of rewrite rule to be applied.

<dscp-ipv6> (configuration/class-of-service/rewrite-rules)

Usage

```
<configuration>
  <class-of-service>
    <rewrite-rules>
      <dscp-ipv6>
        <name>name</name>     <!-- identifier -->
        <import>import</import>
        <forwarding-class>...</forwarding-class>
      </dscp-ipv6>
    </rewrite-rules>
  </class-of-service>
</configuration>
```

Description Differentiated Services code point rewrite rule IPv6.

Contents <forwarding-class>—Markings for named forwarding class.

<import>—Include this rewrite rule in this definition.

<name>—Rewrite rule name.

<dscp-ipv6> (configuration/dynamic-profiles/class-of-service/ classifiers)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <classifiers>
        <dscp-ipv6>
          <name>name</name>     <!-- identifier -->
          <import>import</import>
          <forwarding-class>...</forwarding-class>
        </dscp-ipv6>
      </classifiers>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point classifier IPv6.

Contents <forwarding-class>—Define a classification of code point aliases.

<import>—Include this classifier in this definition.

<name>—Classifier name.

<dscp-ipv6> (configuration/dynamic-profiles/class-of-service/ code-point-aliases)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <code-point-aliases>
        <dscp-ipv6>
          <name>name</name>     <!-- identifier -->
          <bits>bits</bits>     <!-- mandatory -->
        </dscp-ipv6>
      </code-point-aliases>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point aliases IPv6.

Contents <bits>—DSCP 6-bit pattern.

<name>—DSCP IPv6 alias name.

<dscp-ipv6> (configuration/dynamic-profiles/class-of-service/ interfaces/interface/unit/classifiers)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <classifiers>
              <dscp-ipv6>
                <classifier-name>classifier-name</classifier-name>
              </dscp-ipv6>
            </classifiers>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point classifier IPv6.

Contents <classifier-name>—Name of classifier to be applied.

<dscp-ipv6> (configuration/dynamic-profiles/class-of-service/ interfaces/interface/unit/rewrite-rules)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <rewrite-rules>
              <dscp-ipv6>
                <rewrite-rule-name>rewrite-rule-name</rewrite-rule-name>
              </dscp-ipv6>
            </rewrite-rules>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point rewrite rule IPv6.

Contents <rewrite-rule-name>—Name of rewrite rule to be applied.

<dscp-ipv6> (configuration/dynamic-profiles/class-of-service/ rewrite-rules)

Usage

```
<configuration>
  <dynamic-profiles>
    <class-of-service>
      <rewrite-rules>
        <dscp-ipv6>
          <name>name</name>     <!-- identifier -->
          <import>import</import>
          <forwarding-class>...</forwarding-class>
        </dscp-ipv6>
      </rewrite-rules>
    </class-of-service>
  </dynamic-profiles>
</configuration>
```

Description Differentiated Services code point rewrite rule IPv6.

Contents <forwarding-class>—Markings for named forwarding class.

<import>—Include this rewrite rule in this definition.

<name>—Rewrite rule name.

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

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <dsl-options>
          <operating-mode>operating-mode-choice</operating-mode>
        </dsl-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description DSL interface-specific options.

Contents <operating-mode>—DSL operating mode.

- adsl2plus—ITU G.992.5 mode.
- annexm-adsl2plus—AnnexM ITU G.992.5 mode.
- annexm-itu-dmt-bis—AnnexM ITU G.992.3 mode.
- ansi-dmt—ANSI T1.413 Issue II mode.
- auto—Autonegotiate mode.
- etsi—ETSI TS 101 388 V1.3.1 mode.
- itu-annexb-non-ur2—ITU G.992.1 Non UR-2 mode.
- itu-annexb-ur2—ITU G.992.1 UR-2 mode.
- itu-dmt—ITU G.992.1 mode.
- itu-dmt-bis—ITU G.992.3 mode.

<dsl-options> (configuration/interfaces/interface)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <dsl-options>
        <operating-mode>operating-mode-choice</operating-mode>
      </dsl-options>
    </interface>
  </interfaces>
</configuration>
```

Description DSL interface-specific options.

Contents <operating-mode>—DSL operating mode.

- adsl2plus—ITU G.992.5 mode.
- annexm-adsl2plus—AnnexM ITU G.992.5 mode.
- annexm-itu-dmt-bis—AnnexM ITU G.992.3 mode.
- ansi-dmt—ANSI T1.413 Issue II mode.
- auto—Autonegotiate mode.
- etsi—ETSI TS 101 388 V1.3.1 mode.
- itu-annexb-non-ur2—ITU G.992.1 Non UR-2 mode.
- itu-annexb-ur2—ITU G.992.1 UR-2 mode.
- itu-dmt—ITU G.992.1 mode.
- itu-dmt-bis—ITU G.992.3 mode.

<dte-options> (configuration/dynamic-profiles/interfaces/ interface/serial-options)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <serial-options>
          <dte-options>
            <ignore-all/>
            <dtr>...</dtr>
            <control-signal>control-signal-choice</control-signal>
            <rts>rts-choice</rts>
            <dcd>dcd-choice</dcd>
            <dsr>dsr-choice</dsr>
            <cts>cts-choice</cts>
            <indication>indication-choice</indication>
            <tm>tm-choice</tm>
          </dte-options>
        </serial-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description DTE options/control leads.

Contents <control-signal>—X.21 control signal handling.

- assert—Assert control signal.
- de-assert—Deassert control signal.
- normal—Normal control signal.

<cts>—Clear To Send signal handling.

- ignore—Ignore CTS signal.
- normal—Normal CTS signal.
- require—Require CTS signal.

<dcd>—Data Carrier Detect signal handling.

- ignore—Ignore DCD signal.
- normal—Normal DCD signal.
- require—Require DCD signal.

<dsr>—Data Set Ready signal handling.

- ignore—Ignore DSR signal.

- normal—Normal DSR signal.
- require—Require DSR signal.

<dtr>—Data Transmit Ready signal handling.

<ignore-all>—Ignore all control leads.

<indication>—X.21 Indication signal handling.

- ignore—Ignore Indication signal.
- normal—Normal Indication signal.
- require—Require Indication signal.

<rts>—Request To Send signal handling.

- assert—Assert RTS signal.
- de-assert—Deassert RTS signal.
- normal—Normal RTS signal.

<tm>—Test Mode signal handling.

- ignore—Ignore TM signal.
- normal—Normal TM signal.
- require—Require TM signal.

<dte-options> (configuration/interfaces/interface/serial-options)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <serial-options>
        <dte-options>
          <ignore-all/>
          <dtr>...</dtr>
          <control-signal>control-signal-choice</control-signal>
          <rts>rts-choice</rts>
          <dcd>dcd-choice</dcd>
          <dsr>dsr-choice</dsr>
          <cts>cts-choice</cts>
          <indication>indication-choice</indication>
          <tm>tm-choice</tm>
        </dte-options>
      </serial-options>
    </interface>
  </interfaces>
</configuration>
```

Description DTE options/control leads.

Contents <control-signal>—X.21 control signal handling.

- assert—Assert control signal.
- de-assert—Deassert control signal.
- normal—Normal control signal.

<cts>—Clear To Send signal handling.

- ignore—Ignore CTS signal.
- normal—Normal CTS signal.
- require—Require CTS signal.

<dcd>—Data Carrier Detect signal handling.

- ignore—Ignore DCD signal.
- normal—Normal DCD signal.
- require—Require DCD signal.

<dsr>—Data Set Ready signal handling.

- ignore—Ignore DSR signal.
- normal—Normal DSR signal.
- require—Require DSR signal.

<dtr>—Data Transmit Ready signal handling.

<ignore-all>—Ignore all control leads.

<indication>—X.21 Indication signal handling.

- ignore—Ignore Indication signal.
- normal—Normal Indication signal.
- require—Require Indication signal.

<rts>—Request To Send signal handling.

- assert—Assert RTS signal.
- de-assert—Deassert RTS signal.
- normal—Normal RTS signal.

<tm>—Test Mode signal handling.

- ignore—Ignore TM signal.
- normal—Normal TM signal.
- require—Require TM signal.

<dtr> (configuration/dynamic-profiles/interfaces/interface/ serial-options/dte-options)

Usage

```
<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <serial-options>
          <dte-options>
            <dtr>
              <assert/>
              <de-assert/>
              <normal/>
              <auto-synchronize>...</auto-synchronize>
            </dtr>
          </dte-options>
        </serial-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>
```

Description Data Transmit Ready signal handling.

Contents <assert>—Assert DTR signal.

<auto-synchronize>—Normal DTR signal, with autoresynchronization.

<de-assert>—Deassert DTR signal.

<normal>—Normal DTR signal.

<dtr> (configuration/interfaces/interface/serial-options/ dte-options)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <serial-options>
        <dte-options>
          <dtr>
            <assert/>
            <de-assert/>
            <normal/>
            <auto-synchronize>...</auto-synchronize>
          </dtr>
        </dte-options>
      </serial-options>
    </interface>
  </interfaces>
</configuration>
```

Description Data Transmit Ready signal handling.

Contents <assert>—Assert DTR signal.

<auto-synchronize>—Normal DTR signal, with autoresynchronization.

<de-assert>—Deassert DTR signal.

<normal>—Normal DTR signal.

<duration-time> (configuration/services/ggsn/apn/ service-based-charging/block-based-charging/profile/ default-roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <block-based-charging>
            <profile>
              <default-roaming-class>
                <duration-time>
                  <resolution>seconds</resolution>
                </duration-time>
              </default-roaming-class>
            </profile>
          </block-based-charging>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Duration time block settings.

Contents <resolution>—Time measurement resolution for duration.

<duration-time> (configuration/services/ggsn/apn/ service-based-charging/block-based-charging/profile/roaming-class)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <block-based-charging>
            <profile>
              <roaming-class>
                <duration-time>
                  <resolution>seconds</resolution>
                </duration-time>
              </roaming-class>
            </profile>
          </block-based-charging>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Duration time block settings.

Contents <resolution>—Time measurement resolution for duration.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <dvmrp>
        <disable/>
        <traceoptions>...</traceoptions>
        <rib-group>...</rib-group>
        <import>...</import>
        <export>...</export>
        <interface>...</interface>
      </dvmrp>
    </protocols>
  </logical-systems>
</configuration>
```

Description DVMRP options.

Contents <disable>—Disable DVMRP.

<export>—Export policy.

<import>—Import policy.

<interface>—DVMRP interface options.

<rib-group>—Routing table group.

<traceoptions>—Trace options for DVMRP.

<dvmrp> (configuration/protocols)

Usage

```
<configuration>
  <protocols>
    <dvmrp>
      <disable/>
      <traceoptions>...</traceoptions>
      <rib-group>...</rib-group>
      <import>...</import>
      <export>...</export>
      <interface>...</interface>
    </dvmrp>
  </protocols>
</configuration>
```

Description DVMRP options.

Contents <disable>—Disable DVMRP.

<export>—Export policy.

<import>—Import policy.

<interface>—DVMRP interface options.

<rib-group>—Routing table group.

<traceoptions>—Trace options for DVMRP.

<dyn-constraints-test> (configuration/dynamic-profiles)

Usage

```
<configuration>
  <dynamic-profiles>
    <dyn-constraints-test>
      <foo/>
      <bar/>
      <path-widget>path-widget</path-widget>
      <logical-widgets>...</logical-widgets>
    </dyn-constraints-test>
  </dynamic-profiles>
</configuration>
```

Description No documentation is available yet.

Contents <bar>—No documentation is available yet.

<foo>—No documentation is available yet.

<logical-widgets>—No documentation is available yet.

<path-widget>—No documentation is available yet.

<dynamic> (configuration/security/ipsec/security-association)

Usage

```
<configuration>
  <security>
    <ipsec>
      <security-association>
        <dynamic>
          <replay-window-size>replay-window-size-choice</replay-window-size>
          <ipsec-policy>ipsec-policy</ipsec-policy>
        </dynamic>
      </security-association>
    </ipsec>
  </security>
</configuration>
```

Description Define a dynamic security association.

Contents <ipsec-policy>—Name of the IPSec policy.

<replay-window-size>—Define replay protection window size.

- 32—32-packet window size.
- 64—64-packet window size.

<dynamic> (configuration/services/ggsn/apn/service-based-charging/policy-control)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <dynamic>
              <profile>...</profile>
              <gx-profile>...</gx-profile>
              <allow-external-update/>
            </dynamic>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Dynamic policy control.

Contents <allow-external-update>—Allow externally initiated update of rating information.

<gx-profile>—Settings for standard and enhanced Gx.

<profile>—Policy control dynamic profile.

<dynamic> (configuration/services/ipsec-vpn/rule/term/then)

Usage

```
<configuration>
  <services>
    <ipsec-vpn>
      <rule>
        <term>
          <then>
            <dynamic>
              <ike-policy>ike-policy</ike-policy>     <!-- mandatory -->
              <ipsec-policy>ipsec-policy</ipsec-policy>
            </dynamic>
          </then>
        </term>
      </rule>
    </ipsec-vpn>
  </services>
</configuration>
```

Description Define a dynamic security association.

Contents <ike-policy>—Name of the IKE policy.

<ipsec-policy>—Name of the IPSec policy.

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

Usage

```
<configuration>
  <security>
    <idp>
      <dynamic-attack-group>
        <name>name</name>     <!-- identifier -->
        <filters>...</filters>
      </dynamic-attack-group>
    </idp>
  </security>
</configuration>
```

Description Configure dynamic attack groups.

Contents <filters>—Configure filters.

<name>—Name of the dynamic attack group.

<dynamic-attack-groups> (configuration/security/idp/idp-policy/ rulebase-exempt/rule/match/attacks)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <attacks>
                <dynamic-attack-groups>
                  <name>name</name>     <!-- identifier -->
                </dynamic-attack-groups>
              </attacks>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Dynamic attack groups.

Contents <name>—Dynamic attack groups.

<dynamic-attack-groups> (configuration/security/idp/idp-policy/ rulebase-ips/rule/match/attacks)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <attacks>
                <dynamic-attack-groups>
                  <name>name</name>     <!-- identifier -->
                </dynamic-attack-groups>
              </attacks>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Dynamic attack groups.

Contents <name>—Dynamic attack groups.

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

Usage

```
<configuration>
  <services>
    <dynamic-flow-capture>
      <g-max-duplicates>g-max-duplicates</g-max-duplicates>
      <g-duplicates-dropped-periodicity>g-duplicates-dropped-periodicity
                </g-duplicates-dropped-periodicity>
      <capture-group>...</capture-group>
      <traceoptions>...</traceoptions>
    </dynamic-flow-capture>
  </services>
</configuration>
```

Description Configure Dynamic Flow Capture parameters.

Contents <capture-group>—Configure DFC group parameters.

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

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

<traceoptions>—Trace options for dynamic-flow-capture service.

<dynamic-home-assignment> (configuration/services/mobile-ip)

Usage

```
<configuration>
  <services>
    <mobile-ip>
      <dynamic-home-assignment>
        <home-agent>...</home-agent>
      </dynamic-home-assignment>
    </mobile-ip>
  </services>
</configuration>
```

Description Dynamic home agent rule for both HA and FA.

Contents <home-agent>—Enter the host nai or domain.

<dynamic-pics> (configuration/services/ggsn/pic-allocation)

Usage

```
<configuration>
  <services>
    <ggsn>
      <pic-allocation>
        <dynamic-pics>
          <number-of-ggsnc>number-of-ggsnc</number-of-ggsnc>
          <number-of-ggsnu>number-of-ggsnu</number-of-ggsnu>
          <number-of-ggsnt>number-of-ggsnt</number-of-ggsnt>
        </dynamic-pics>
      </pic-allocation>
    </ggsn>
  </services>
</configuration>
```

Description PICs with dynamic role capabilities.

Contents <number-of-ggsnc>—Number of GGSN-C PICs.

<number-of-ggsnt>—Number of GGSN-T PICs.

<number-of-ggsnu>—Number of GGSN-U PICs.

<dynamic-profile> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <dynamic-profile>
            <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
            <use-primary>use-primary</use-primary>
            <aggregate-clients/>
          </dynamic-profile>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/bridge-domains/domain/ forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <group>
            <dynamic-profile>
              <dynamic-profile>dynamic-profile</dynamic-profile> <!-- mandatory -->
              <use-primary>use-primary</use-primary>
              <aggregate-clients/>
            </dynamic-profile>
          </group>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <forwarding-options>
    <dhcp-relay>
      <dynamic-profile>
        <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
        <use-primary>use-primary</use-primary>
        <aggregate-clients/>
      </dynamic-profile>
    </dhcp-relay>
  </forwarding-options>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/forwarding-options/dhcp-relay/ group)

Usage

```
<configuration>
  <forwarding-options>
    <dhcp-relay>
      <group>
        <dynamic-profile>
          <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
          <use-primary>use-primary</use-primary>
          <aggregate-clients/>
        </dynamic-profile>
      </group>
    </dhcp-relay>
  </forwarding-options>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <logical-systems>
    <forwarding-options>
      <dhcp-relay>
        <dynamic-profile>
          <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
          <use-primary>use-primary</use-primary>
          <aggregate-clients/>
        </dynamic-profile>
      </dhcp-relay>
    </forwarding-options>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <logical-systems>
    <forwarding-options>
      <dhcp-relay>
        <group>
          <dynamic-profile>
            <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
            <use-primary>use-primary</use-primary>
            <aggregate-clients/>
          </dynamic-profile>
        </group>
      </dhcp-relay>
    </forwarding-options>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/bridge-domains/domain/ forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <forwarding-options>
              <dhcp-relay>
                <dynamic-profile>
                  <dynamic-profile>dynamic-profile
                        </dynamic-profile>     <!-- mandatory -->
                  <use-primary>use-primary</use-primary>
                  <aggregate-clients/>
                </dynamic-profile>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/bridge-domains/domain/ forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <forwarding-options>
              <dhcp-relay>
                <group>
                  <dynamic-profile>
                    <dynamic-profile>dynamic-profile
                        </dynamic-profile>     <!-- mandatory -->
                    <use-primary>use-primary</use-primary>
                    <aggregate-clients/>
                  </dynamic-profile>
                </group>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <dhcp-relay>
            <dynamic-profile>
              <dynamic-profile>dynamic-profile
                          </dynamic-profile>     <!-- mandatory -->
              <use-primary>use-primary</use-primary>
              <aggregate-clients/>
            </dynamic-profile>
          </dhcp-relay>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <dhcp-relay>
            <group>
              <dynamic-profile>
                <dynamic-profile>dynamic-profile
                    </dynamic-profile>     <!-- mandatory -->
                <use-primary>use-primary</use-primary>
                <aggregate-clients/>
              </dynamic-profile>
            </group>
          </dhcp-relay>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/system/services/dhcp-local-server)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <dynamic-profile>
                <dynamic-profile>dynamic-profile
                    </dynamic-profile>     <!-- mandatory -->
                <use-primary>use-primary</use-primary>
                <aggregate-clients/>
              </dynamic-profile>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/ routing-instances/instance/system/services/dhcp-local-server/ group)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <group>
                <dynamic-profile>
                  <dynamic-profile>dynamic-profile
                        </dynamic-profile>     <!-- mandatory -->
                  <use-primary>use-primary</use-primary>
                  <aggregate-clients/>
                </dynamic-profile>
              </group>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/system/ services/dhcp-local-server)

Usage

```
<configuration>
  <logical-systems>
    <system>
      <services>
        <dhcp-local-server>
          <dynamic-profile>
            <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
            <use-primary>use-primary</use-primary>
            <aggregate-clients/>
          </dynamic-profile>
        </dhcp-local-server>
      </services>
    </system>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/logical-systems/system/ services/dhcp-local-server/group)

Usage

```
<configuration>
  <logical-systems>
    <system>
      <services>
        <dhcp-local-server>
          <group>
            <dynamic-profile>
              <dynamic-profile>dynamic-profile
                          </dynamic-profile>     <!-- mandatory -->
              <use-primary>use-primary</use-primary>
              <aggregate-clients/>
            </dynamic-profile>
          </group>
        </dhcp-local-server>
      </services>
    </system>
  </logical-systems>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ bridge-domains/domain/forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <dynamic-profile>
                <dynamic-profile>dynamic-profile
                        </dynamic-profile>     <!-- mandatory -->
                <use-primary>use-primary</use-primary>
                <aggregate-clients/>
              </dynamic-profile>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ bridge-domains/domain/forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <group>
                <dynamic-profile>
                  <dynamic-profile>dynamic-profile
                        </dynamic-profile>     <!-- mandatory -->
                  <use-primary>use-primary</use-primary>
                  <aggregate-clients/>
                </dynamic-profile>
              </group>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ forwarding-options/dhcp-relay)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <dhcp-relay>
          <dynamic-profile>
            <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
            <use-primary>use-primary</use-primary>
            <aggregate-clients/>
          </dynamic-profile>
        </dhcp-relay>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ forwarding-options/dhcp-relay/group)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <dhcp-relay>
          <group>
            <dynamic-profile>
              <dynamic-profile>dynamic-profile
                  </dynamic-profile>     <!-- mandatory -->
              <use-primary>use-primary</use-primary>
              <aggregate-clients/>
            </dynamic-profile>
          </group>
        </dhcp-relay>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ system/services/dhcp-local-server)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <system>
        <services>
          <dhcp-local-server>
            <dynamic-profile>
              <dynamic-profile>dynamic-profile
                  </dynamic-profile>     <!-- mandatory -->
              <use-primary>use-primary</use-primary>
              <aggregate-clients/>
            </dynamic-profile>
          </dhcp-local-server>
        </services>
      </system>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/routing-instances/instance/ system/services/dhcp-local-server/group)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <system>
        <services>
          <dhcp-local-server>
            <group>
              <dynamic-profile>
                <dynamic-profile>dynamic-profile
                  </dynamic-profile>     <!-- mandatory -->
                <use-primary>use-primary</use-primary>
                <aggregate-clients/>
              </dynamic-profile>
            </group>
          </dhcp-local-server>
        </services>
      </system>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/system/services/ dhcp-local-server)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp-local-server>
        <dynamic-profile>
          <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
          <use-primary>use-primary</use-primary>
          <aggregate-clients/>
        </dynamic-profile>
      </dhcp-local-server>
    </services>
  </system>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profile> (configuration/system/services/ dhcp-local-server/group)

Usage

```
<configuration>
  <system>
    <services>
      <dhcp-local-server>
        <group>
          <dynamic-profile>
            <dynamic-profile>dynamic-profile</dynamic-profile>     <!-- mandatory -->
            <use-primary>use-primary</use-primary>
            <aggregate-clients/>
          </dynamic-profile>
        </group>
      </dhcp-local-server>
    </services>
  </system>
</configuration>
```

Description Dynamic profile to use.

Contents <aggregate-clients>—Aggregate client profiles.

<dynamic-profile>—Dynamic profile to use.

<use-primary>—Dynamic profile to use on the primary interface.

<dynamic-profiles> (configuration)

Usage

```
<configuration>
  <dynamic-profiles>
    <name>name</name>     <!-- identifier -->
    <variables>...</variables>
    <interfaces>...</interfaces>
    <protocols>...</protocols>
    <class-of-service>...</class-of-service>
    <test>...</test>
    <dyn-constraints-test>...</dyn-constraints-test>
  </dynamic-profiles>
</configuration>
```

Description Dynamic profiles configuration.

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

<dyn-constraints-test>—No documentation is available yet.

<interfaces>—Interface configuration.

<name>—Name for dynamic profile.

<protocols>—Routing protocol configuration.

<test>—No documentation is available yet.

<variables>—Dynamic variable configuration.

<dynamic-tunnel> (configuration/logical-systems/ routing-instances/instance/routing-options/dynamic-tunnels)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <dynamic-tunnels>
            <dynamic-tunnel>
              <name>name</name>     <!-- identifier -->
              <source-address>source-address
                  </source-address>     <!-- mandatory -->
              <tunnel-type>tunnel-type-choice</tunnel-type>     <!-- mandatory -->
              <destination-networks>...</destination-networks>
            </dynamic-tunnel>
          </dynamic-tunnels>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description No documentation is available yet.

Contents <destination-networks>—Create tunnels for routes in these destination networks.

<name>—Tunnel name.

<source-address>—Tunnel source address.

<tunnel-type>—Type of tunnel.

- gre—Generic routing encapsulation type for IPv4.

<dynamic-tunnel> (configuration/logical-systems/routing-options/ dynamic-tunnels)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <dynamic-tunnels>
        <dynamic-tunnel>
          <name>name</name>     <!-- identifier -->
          <source-address>source-address</source-address>     <!-- mandatory -->
          <tunnel-type>tunnel-type-choice</tunnel-type>     <!-- mandatory -->
          <destination-networks>...</destination-networks>
        </dynamic-tunnel>
      </dynamic-tunnels>
    </routing-options>
  </logical-systems>
</configuration>
```

Description No documentation is available yet.

Contents <destination-networks>—Create tunnels for routes in these destination networks.

<name>—Tunnel name.

<source-address>—Tunnel source address.

<tunnel-type>—Type of tunnel.

- gre—Generic routing encapsulation type for IPv4.

<dynamic-tunnel> (configuration/routing-instances/instance/ routing-options/dynamic-tunnels)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <dynamic-tunnels>
          <dynamic-tunnel>
            <name>name</name>     <!-- identifier -->
            <source-address>source-address</source-address>     <!-- mandatory -->
            <tunnel-type>tunnel-type-choice</tunnel-type>     <!-- mandatory -->
            <destination-networks>...</destination-networks>
          </dynamic-tunnel>
        </dynamic-tunnels>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description No documentation is available yet.

Contents <destination-networks>—Create tunnels for routes in these destination networks.

<name>—Tunnel name.

<source-address>—Tunnel source address.

<tunnel-type>—Type of tunnel.

- gre—Generic routing encapsulation type for IPv4.

<dynamic-tunnel> (configuration/routing-options/dynamic-tunnels)

Usage

```
<configuration>
  <routing-options>
    <dynamic-tunnels>
      <dynamic-tunnel>
        <name>name</name>     <!-- identifier -->
        <source-address>source-address</source-address>     <!-- mandatory -->
        <tunnel-type>tunnel-type-choice</tunnel-type>     <!-- mandatory -->
        <destination-networks>...</destination-networks>
      </dynamic-tunnel>
    </dynamic-tunnels>
  </routing-options>
</configuration>
```

Description No documentation is available yet.

Contents <destination-networks>—Create tunnels for routes in these destination networks.

<name>—Tunnel name.

<source-address>—Tunnel source address.

<tunnel-type>—Type of tunnel.

- gre—Generic routing encapsulation type for IPv4.

<dynamic-tunnels> (configuration/logical-systems/routing-instances/instance/routing-options)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <dynamic-tunnels>
            <traceoptions>...</traceoptions>
            <dynamic-tunnel>...</dynamic-tunnel>
          </dynamic-tunnels>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Dynamic tunnel definitions.

Contents <dynamic-tunnel>—No documentation is available yet.

<traceoptions>—Trace options.

<dynamic-tunnels> (configuration/logical-systems/routing-options)

Usage

```
<configuration>
  <logical-systems>
    <routing-options>
      <dynamic-tunnels>
        <traceoptions>...</traceoptions>
        <dynamic-tunnel>...</dynamic-tunnel>
      </dynamic-tunnels>
    </routing-options>
  </logical-systems>
</configuration>
```

Description Dynamic tunnel definitions.

Contents <dynamic-tunnel>—No documentation is available yet.

<traceoptions>—Trace options.

<dynamic-tunnels> (configuration/routing-instances/instance/routing-options)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <routing-options>
        <dynamic-tunnels>
          <traceoptions>...</traceoptions>
          <dynamic-tunnel>...</dynamic-tunnel>
        </dynamic-tunnels>
      </routing-options>
    </instance>
  </routing-instances>
</configuration>
```

Description Dynamic tunnel definitions.

Contents <dynamic-tunnel>—No documentation is available yet.

<traceoptions>—Trace options.

<dynamic-tunnels> (configuration/routing-options)

Usage

```
<configuration>
  <routing-options>
    <dynamic-tunnels>
      <traceoptions>...</traceoptions>
      <dynamic-tunnel>...</dynamic-tunnel>
    </dynamic-tunnels>
  </routing-options>
</configuration>
```

Description Dynamic tunnel definitions.

Contents <dynamic-tunnel>—No documentation is available yet.

<traceoptions>—Trace options.