

Chapter 15

Tag Elements Beginning with O

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

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



NOTE: Every tag element in this chapter optionally accepts the `<apply-groups>` or `<apply-groups-except>` tag element and the `<apply-macro>` tag element as children. For brevity, the reference entries do not list these tag elements as children. For information about these tag elements, see `<apply-groups>` on page 606, `<apply-groups-except>` on page 606, and `<apply-macro>` on page 607.

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

Usage	<code><configuration></code> <code><logical-systems></code> <code><protocols></code> <code><oam></code> <code><ethernet>...</ethernet></code> <code></oam></code> <code></protocols></code> <code></logical-systems></code> <code></configuration></code>
Description	Operation, Administration, and Management configuration.
Contents	<code><ethernet></code> —OAM configuration for Ethernet.

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

Usage	<pre> <configuration> <logical-systems> <protocols> <ldp> <oam> <fec>...</fec> <bfd-liveness-detection>...</bfd-liveness-detection> <periodic-traceroute>...</periodic-traceroute> </oam> </ldp> </protocols> </logical-systems> </configuration> </pre>
Description	Configure periodic OAM for a LDP FEC.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.</p> <p><fec>—Forwarding equivalence class.</p> <p><periodic-traceroute>—Configure periodic traceroute.</p>

<oam> (configuration/logical-systems/protocols/mpls)

Usage	<pre> <configuration> <logical-systems> <protocols> <mpls> <oam> <bfd-liveness-detection>...</bfd-liveness-detection> <traceoptions>...</traceoptions> </oam> </mpls> </protocols> </logical-systems> </configuration> </pre>
Description	Periodic OAM.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection options.</p> <p><traceoptions>—Trace options for MPLSOAM process.</p>

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <oam>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <traceoptions>...</traceoptions>
 </oam>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Periodic OAM.

Contents <bfd-liveness-detection>—Bidirectional Forwarding Detection options.
 <traceoptions>—Trace options for MPLSOAM process.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <primary>
 <oam>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <traceoptions>...</traceoptions>
 </oam>
 </primary>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Periodic OAM.

Contents <bfd-liveness-detection>—Bidirectional Forwarding Detection options.
 <traceoptions>—Trace options for MPLSOAM process.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <secondary>
 <oam>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <traceoptions>...</traceoptions>
 </oam>
 </secondary>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Periodic OAM.

Contents <bfd-liveness-detection>—Bidirectional Forwarding Detection options.
 <traceoptions>—Trace options for MPLSOAM process.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <oam>
 <fec>...</fec>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <periodic-traceroute>...</periodic-traceroute>
 </oam>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure periodic OAM for a LDP FEC.

Contents <bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.
 <fec>—Forwarding equivalence class.
 <periodic-traceroute>—Configure periodic traceroute.

<oam> (configuration/protocols)

Usage <configuration>
 <protocols>
 <oam>
 <ethernet>...</ethernet>
 </oam>
 </protocols>
 </configuration>

Description Operation, Administration, and Management configuration.

Contents <ethernet>—OAM configuration for Ethernet.

<oam> (configuration/protocols/ldp)

Usage	<pre><configuration> <protocols> <ldp> <oam> <fec>...</fec> <bfd-liveness-detection>...</bfd-liveness-detection> <periodic-traceroute>...</periodic-traceroute> </oam> </ldp> </protocols> </configuration></pre>
Description	Configure periodic OAM for a LDP FEC.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.</p> <p><fec>—Forwarding equivalence class.</p> <p><periodic-traceroute>—Configure periodic traceroute.</p>

<oam> (configuration/protocols/mpls)

Usage	<pre><configuration> <protocols> <mpls> <oam> <bfd-liveness-detection>...</bfd-liveness-detection> <traceoptions>...</traceoptions> </oam> </mpls> </protocols> </configuration></pre>
Description	Periodic OAM.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection options.</p> <p><traceoptions>—Trace options for MPLSOAM process.</p>

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

Usage	<pre> <configuration> <protocols> <mpls> <label-switched-path> <oam> <bfd-liveness-detection>...</bfd-liveness-detection> <traceoptions>...</traceoptions> </oam> </label-switched-path> </mpls> </protocols> </configuration> </pre>
Description	Periodic OAM.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection options.</p> <p><traceoptions>—Trace options for MPLSOAM process.</p>

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

Usage	<pre> <configuration> <protocols> <mpls> <label-switched-path> <primary> <oam> <bfd-liveness-detection>...</bfd-liveness-detection> <traceoptions>...</traceoptions> </oam> </primary> </label-switched-path> </mpls> </protocols> </configuration> </pre>
Description	Periodic OAM.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection options.</p> <p><traceoptions>—Trace options for MPLSOAM process.</p>

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

Usage	<pre> <configuration> <protocols> <mpls> <label-switched-path> <secondary> <oam> <bfd-liveness-detection>...</bfd-liveness-detection> <traceoptions>...</traceoptions> </oam> </secondary> </label-switched-path> </mpls> </protocols> </configuration> </pre>
Description	Periodic OAM.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection options.</p> <p><traceoptions>—Trace options for MPLSOAM process.</p>

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

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <ldp> <oam> <fec>...</fec> <bfd-liveness-detection>...</bfd-liveness-detection> <periodic-traceroute>...</periodic-traceroute> </oam> </ldp> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Configure periodic OAM for a LDP FEC.
Contents	<p><bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.</p> <p><fec>—Forwarding equivalence class.</p> <p><periodic-traceroute>—Configure periodic traceroute.</p>

<oam-liveness> (configuration/dynamic-profiles/interfaces/interface/atm-options/vpi)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <atm-options>
 <vpi>
 <oam-liveness>
 <up-count>*up-count*</up-count>
 <down-count>*down-count*</down-count>
 </oam-liveness>
 </vpi>
 </atm-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description F4 OAM virtual path liveness parameters.

Contents <down-count>—Number of F4 OAM cells to consider VP down.

<up-count>—Number of F4 OAM cells to consider VP up.

<oam-liveness> (configuration/dynamic-profiles/interfaces/interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <oam-liveness>
 <up-count>*up-count*</up-count>
 <down-count>*down-count*</down-count>
 </oam-liveness>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.

<up-count>—Number of OAM cells to consider VC up.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <multipoint-destination>
                  <oam-liveness>
                    <up-count>up-count</up-count>
                    <down-count>down-count</down-count>
                  </oam-liveness>
                </multipoint-destination>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.

<up-count>—Number of OAM cells to consider VC up.

<oam-liveness> (configuration/interfaces/interface/atm-options/vpi)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <vpi>
 <oam-liveness>
 <up-count>*up-count*</up-count>
 <down-count>*down-count*</down-count>
 </oam-liveness>
 </vpi>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description F4 OAM virtual path liveness parameters.

Contents <down-count>—Number of F4 OAM cells to consider VP down.
 <up-count>—Number of F4 OAM cells to consider VP up.

<oam-liveness> (configuration/interfaces/interface/unit)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <oam-liveness>
 <up-count>*up-count*</up-count>
 <down-count>*down-count*</down-count>
 </oam-liveness>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.
 <up-count>—Number of OAM cells to consider VC up.

<oam-liveness> (configuration/interfaces/interface/unit/family/inet/address/multipoint-destination)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <address>
              <multipoint-destination>
                <oam-liveness>
                  <up-count>up-count</up-count>
                  <down-count>down-count</down-count>
                </oam-liveness>
              </multipoint-destination>
            </address>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.

<up-count>—Number of OAM cells to consider VC up.

<oam-liveness> (configuration/logical-systems/interfaces/interface/unit)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <oam-liveness>
            <up-count>up-count</up-count>
            <down-count>down-count</down-count>
          </oam-liveness>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.

<up-count>—Number of OAM cells to consider VC up.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <multipoint-destination>
                  <oam-liveness>
                    <up-count>up-count</up-count>
                    <down-count>down-count</down-count>
                  </oam-liveness>
                </multipoint-destination>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description OAM virtual circuit liveness parameters.

Contents <down-count>—Number of OAM cells to consider VC down.

<up-count>—Number of OAM cells to consider VC up.

<oam-period> (configuration/dynamic-profiles/interfaces/interface/atm-options/vpi)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <atm-options> <vpi> <oam-period> <oam-period>seconds</oam-period> <disable>disable</disable> </oam-period> </vpi> </atm-options> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	F4 OAM cell period.
Contents	<p><disable>—Disable F4 OAM loopback.</p> <p><oam-period>—F4 OAM cell period.</p>

<oam-period> (configuration/dynamic-profiles/interfaces/interface/unit)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <oam-period> <oam-period>seconds</oam-period> <disable>disable</disable> </oam-period> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	OAM cell period.
Contents	<p><disable>—Disable F5 OAM loopback.</p> <p><oam-period>—OAM cell period.</p>

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <multipoint-destination>
 <oam-period>
 <oam_period>*seconds*</oam_period>
 <disable>*disable*</disable>
 </oam-period>
 </multipoint-destination>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OAM cell period.

Contents <disable>—Disable OAM loopback.

 <oam_period>—OAM cell period.

<oam-period> (configuration/interfaces/interface/atm-options/vpi)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <vpi>
 <oam-period>
 <oam-period>*seconds*</oam-period>
 <disable>*disable*</disable>
 </oam-period>
 </vpi>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description F4 OAM cell period.

Contents <disable>—Disable F4 OAM loopback.
 <oam-period>—F4 OAM cell period.

<oam-period> (configuration/interfaces/interface/unit)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <oam-period>
 <oam-period>*seconds*</oam-period>
 <disable>*disable*</disable>
 </oam-period>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description OAM cell period.

Contents <disable>—Disable F5 OAM loopback.
 <oam-period>—OAM cell period.

<oam-period> (configuration/interfaces/interface/unit/family/inet/address/multipoint-destination)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <multipoint-destination>
 <oam-period>
 <oam_period>seconds</oam_period>
 <disable>disable</disable>
 </oam-period>
 </multipoint-destination>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description OAM cell period.

Contents <disable>—Disable OAM loopback.
 <oam_period>—OAM cell period.

<oam-period> (configuration/logical-systems/interfaces/interface/unit)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <oam-period>
 <oam-period>seconds</oam-period>
 <disable>disable</disable>
 </oam-period>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description OAM cell period.

Contents <disable>—Disable F5 OAM loopback.
 <oam-period>—OAM cell period.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <multipoint-destination>
                  <oam-period>
                    <oam_period>seconds</oam_period>
                    <disable>disable</disable>
                  </oam-period>
                </multipoint-destination>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description OAM cell period.

Contents <disable>—Disable OAM loopback.

<oam_period>—OAM cell period.

<object-names> (configuration/accounting-options/mib-profile)

Usage

```

<configuration>
  <accounting-options>
    <mib-profile>
      <object-names>
        <name>name</name> <!-- identifier -->
      </object-names>
    </mib-profile>
  </accounting-options>
</configuration>

```

Description Names of MIB objects.

Contents <name>—MIB variable name.

<oc-lof> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-lof>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-lof>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OC Loss Of Frame defect trigger.

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

<ignore>—Ignore the defect.

<oc-lof> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-lof>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-lof>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OC Loss Of Frame defect trigger.

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

<ignore>—Ignore the defect.

<oc-lom> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-lom>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-lom>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description OC Loss Of Multiframe defect trigger.

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

<ignore>—Ignore the defect.

<oc-lom> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-lom>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-lom>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OC Loss Of Multiframe defect trigger.

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

<ignore>—Ignore the defect.

<oc-los> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-los>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-los>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OC Loss Of Signal defect trigger.

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

<ignore>—Ignore the defect.

<oc-los> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-los>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-los>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OC Loss Of Signal defect trigger.

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

<ignore>—Ignore the defect.

<oc-wavelength-lock> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-wavelength-lock>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-wavelength-lock>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OC Wavelength Lock defect trigger.

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

<oc-wavelength-lock> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <oc-wavelength-lock>
 <ignore/>
 <hold-time>...</hold-time>
 </oc-wavelength-lock>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OC Wavelength Lock defect trigger.

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

<odu-ais> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ais>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ais>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Alarm Indication Signal defect trigger.

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

<odu-ais> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ais>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ais>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Alarm Indication Signal defect trigger.

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

<odu-bbe-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-bbe-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-bbe-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Background Block Error Threshold defect trigger.

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

<odu-bbe-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-bbe-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-bbe-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Background Block Error Threshold defect trigger.

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

<odu-bdi> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-bdi>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-bdi>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Backward Defect Indication defect trigger.

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

<ignore>—Ignore the defect.

<odu-bdi> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-bdi>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-bdi>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Backward Defect Indication defect trigger.

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

<ignore>—Ignore the defect.

<odu-es-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-es-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-es-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Errored Seconds Threshold defect trigger.

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

<odu-es-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-es-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-es-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Errored Seconds Threshold defect trigger.

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

<odu-lck> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-lck>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-lck>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>
- Description** ODU Locked defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<odu-lck> (configuration/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-lck>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-lck>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>
- Description** ODU Locked defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<odu-oci> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-oci>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-oci>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Open Connection Indication defect trigger.

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

<odu-oci> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-oci>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-oci>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Open Connection Indication defect trigger.

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

<odu-sd> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-sd>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-sd>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description ODU Signal Degrade defect trigger.

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

<odu-sd> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-sd>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-sd>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Signal Degrade defect trigger.

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

<odu-ses-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ses-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ses-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Severely Errored Seconds Threshold defect trigger.

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

<odu-ses-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ses-th>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ses-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description ODU Severely Errored Seconds Threshold defect trigger.

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

<odu-ttim> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ttim>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ttim>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ODU Trail Trace Identifier Mismatch defect trigger.

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

<odu-ttim> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <odu-ttim>
 <ignore/>
 <hold-time>...</hold-time>
 </odu-ttim>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
</configuration>

Description ODU Trail Trace Identifier Mismatch defect trigger.

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

<odu-uas-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <otn-options> <trigger> <odu-uas-th> <ignore/> <hold-time>...</hold-time> </odu-uas-th> </trigger> </otn-options> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	ODU Unavailable Seconds Threshold defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<odu-uas-th> (configuration/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <interfaces> <interface> <otn-options> <trigger> <odu-uas-th> <ignore/> <hold-time>...</hold-time> </odu-uas-th> </trigger> </otn-options> </interface> </interfaces> </configuration> </pre>
Description	ODU Unavailable Seconds Threshold defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<oid> (configuration/snmp/v3/notify-filter)

Usage	<pre> <configuration> <snmp> <v3> <notify-filter> <oid> <name>name</name> <!-- identifier --> <include/> <exclude/> </oid> </notify-filter> </v3> </snmp> </configuration> </pre>
Description	OID include/exclude list.
Contents	<p><exclude>—Exclude this OID from the notify filter.</p> <p><include>—Include this OID in the notify filter.</p> <p><name>—OID to include/exclude from notify filter.</p>

<oid> (configuration/snmp/view)

Usage	<pre> <configuration> <snmp> <view> <oid> <name>name</name> <!-- identifier --> <include/> <exclude/> </oid> </view> </snmp> </configuration> </pre>
Description	OID include/exclude list.
Contents	<p><exclude>—Exclude this OID from the view.</p> <p><include>—Include this OID in the view.</p> <p><name>—OID to include or exclude from view.</p>

<on-disk-failure> (configuration/chassis/routing-engine)

Usage	<pre> <configuration> <chassis> <routing-engine> <on-disk-failure> <disk-failure-action>disk-failure-action-choice</disk-failure-action> </on-disk-failure> </routing-engine> </chassis> </configuration> </pre>
Description	Action to take when Routing Engine disk fails.
Contents	<p><disk-failure-action>—No documentation is available yet.</p> <ul style="list-style-type: none"> ■ halt—Halt on disk failure. ■ reboot—Reboot on disk failure.

<op> (configuration/system/scripts)

Usage	<pre> <configuration> <system> <scripts> <op> <traceoptions>...</traceoptions> <file>...</file> <refresh/> <refresh-from>refresh-from</refresh-from> </op> </scripts> </system> </configuration> </pre>
Description	Operations scripting.
Contents	<p><file>—Configuration for each operation script.</p> <p><refresh>—Refresh all operation scripts from their source.</p> <p><refresh-from>—Refresh all operation scripts from a given base URL.</p> <p><traceoptions>—Trace options for operation scripts.</p>

<operation> (configuration/services/ggsn/service-identification/ftp-rule/term/from/ftp)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <ftp-rule>
 <term>
 <from>
 <ftp>
 <operation>
 <retrieve/>
 <store/>
 </operation>
 </ftp>
 </from>
 </term>
 </ftp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Limit match to operation being performed.

Contents <retrieve>—Apply rule for RETR operation.

 <store>—Apply rule for STORE operation.

<operation> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/http)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <http-wsp-rule>
          <term>
            <from>
              <http>
                <operation>
                  <delete/>
                  <get/>
                  <head/>
                  <options/>
                  <post/>
                  <put/>
                  <trace/>
                  <connect/>
                </operation>
              </http>
            </from>
          </term>
        </http-wsp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Limit match to operation being performed.

Contents <connect>—Apply rule for connect.

<delete>—Apply rule for delete.

<get>—Apply rule for get.

<head>—Apply rule for head.

<options>—Apply rule for options.

<post>—Apply rule for post.

<put>—Apply rule for put.

<trace>—Apply rule for trace.

<operation> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from/wsp)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <wsp>
 <operation>
 <delete/>
 <get/>
 <head/>
 <options/>
 <post/>
 <put/>
 <trace/>
 <connect/>
 </operation>
 </wsp>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Limit match to operation being performed.

Contents <connect>—Apply rule for connect.

<delete>—Apply rule for delete.

<get>—Apply rule for get.

<head>—Apply rule for head.

<options>—Apply rule for options.

<post>—Apply rule for post.

<put>—Apply rule for put.

<trace>—Apply rule for trace.

<operation> (configuration/services/ggsn/service-identification/pop3-rule/term/from/pop3)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <pop3-rule>
          <term>
            <from>
              <pop3>
                <operation>
                  <retr/>
                  <top/>
                  <list/>
                </operation>
              </pop3>
            </from>
          </term>
        </pop3-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Limit match to operation being performed.

Contents <list>—Apply rule for list server content operation.

<retr>—Apply rule for retr single email operation.

<top>—Apply rule for get email header operation.

<operation> (configuration/services/ggsn/service-identification/tftp-rule/term/from/tftp)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <tftp-rule>
 <term>
 <from>
 <tftp>
 <operation>
 <read-request/>
 <write-request/>
 </operation>
 </tftp>
 </from>
 </term>
 </tftp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Limit match to operation being performed.

Contents <read-request>—Apply rule for read-request operation.
 <write-request>—Apply rule for write-request operation.

**<optics-options> (configuration/dynamic-profiles/interfaces/
interface)**

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <optics-options>
 <wavelength>*wavelength-choice*</wavelength>
 </optics-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Optics options.

Contents <wavelength>—Wavelength of the optics (nanometers).

- 1528.77—1528.77 nm.
- 1529.55—1529.55 nm.
- 1530.33—1530.33 nm.
- 1531.12—1531.12 nm.
- 1531.90—1531.90 nm.
- 1532.68—1532.68 nm.
- 1533.47—1533.47 nm.
- 1534.25—1534.25 nm.
- 1535.04—1535.04 nm.
- 1535.82—1535.82 nm.
- 1536.61—1536.61 nm.
- 1537.40—1537.40 nm.
- 1538.19—1538.19 nm.
- 1538.98—1538.98 nm.
- 1539.77—1539.77 nm.
- 1540.56—1540.56 nm.
- 1541.35—1541.35 nm.
- 1542.14—1542.14 nm.

- 1542.94—1542.94 nm.
- 1543.73—1543.73 nm.
- 1544.53—1544.53 nm.
- 1545.32—1545.32 nm.
- 1546.12—1546.12 nm.
- 1546.92—1546.92 nm.
- 1547.72—1547.72 nm.
- 1548.52—1548.52 nm.
- 1549.32—1549.32 nm.
- 1550.12—1550.12 nm.
- 1550.92—1550.92 nm.
- 1551.72—1551.72 nm.
- 1552.52—1552.52 nm.
- 1553.33—1553.33 nm.
- 1554.13—1554.13 nm.
- 1554.94—1554.94 nm.
- 1555.75—1555.75 nm.
- 1556.56—1556.56 nm.
- 1557.36—1557.36 nm.
- 1558.17—1558.17 nm.
- 1558.98—1558.98 nm.
- 1559.79—1559.79 nm.
- 1560.61—1560.61 nm.
- 1561.42—1561.42 nm.
- 1562.23—1562.23 nm.
- 1563.05—1563.05 nm.
- 1563.86—1563.86 nm.

<optics-options> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <optics-options>
 <wavelength>wavelength-choice</wavelength>
 </optics-options>
 </interface>
 </interfaces>
 </configuration>

Description Optics options.

Contents <wavelength>—Wavelength of the optics (nanometers).

- 1528.77—1528.77 nm.
- 1529.55—1529.55 nm.
- 1530.33—1530.33 nm.
- 1531.12—1531.12 nm.
- 1531.90—1531.90 nm.
- 1532.68—1532.68 nm.
- 1533.47—1533.47 nm.
- 1534.25—1534.25 nm.
- 1535.04—1535.04 nm.
- 1535.82—1535.82 nm.
- 1536.61—1536.61 nm.
- 1537.40—1537.40 nm.
- 1538.19—1538.19 nm.
- 1538.98—1538.98 nm.
- 1539.77—1539.77 nm.
- 1540.56—1540.56 nm.
- 1541.35—1541.35 nm.
- 1542.14—1542.14 nm.
- 1542.94—1542.94 nm.
- 1543.73—1543.73 nm.

- 1544.53—1544.53 nm.
- 1545.32—1545.32 nm.
- 1546.12—1546.12 nm.
- 1546.92—1546.92 nm.
- 1547.72—1547.72 nm.
- 1548.52—1548.52 nm.
- 1549.32—1549.32 nm.
- 1550.12—1550.12 nm.
- 1550.92—1550.92 nm.
- 1551.72—1551.72 nm.
- 1552.52—1552.52 nm.
- 1553.33—1553.33 nm.
- 1554.13—1554.13 nm.
- 1554.94—1554.94 nm.
- 1555.75—1555.75 nm.
- 1556.56—1556.56 nm.
- 1557.36—1557.36 nm.
- 1558.17—1558.17 nm.
- 1558.98—1558.98 nm.
- 1559.79—1559.79 nm.
- 1560.61—1560.61 nm.
- 1561.42—1561.42 nm.
- 1562.23—1562.23 nm.
- 1563.05—1563.05 nm.
- 1563.86—1563.86 nm.

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

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <name>*name*</name> <!-- identifier -->
 <flag>*flag-choice*</flag>
 <byte>*byte*</byte>
 <short>*short*</short>
 <unsigned-short>*unsigned-short*</unsigned-short>
 <integer>*integer*</integer>
 <unsigned-integer>*unsigned-integer*</unsigned-integer>
 <string>*string*</string>
 <ip-address>*ip-address*</ip-address>
 <array>...</array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
</configuration>

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

- false—False value.
- off—Off value.
- on—On value.
- true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

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

Usage

```

<configuration>
  <logical-systems>
    <access>
      <address-assignment>
        <pool>
          <family>
            <inet>
              <dhcp-attributes>
                <option>
                  <name>name</name>    <!-- identifier -->
                  <flag>flag-choice</flag>
                  <byte>byte</byte>
                  <short>short</short>
                  <unsigned-short>unsigned-short</unsigned-short>
                  <integer>integer</integer>
                  <unsigned-integer>unsigned-integer</unsigned-integer>
                  <string>string</string>
                  <ip-address>ip-address</ip-address>
                  <array>...</array>
                </option>
              </dhcp-attributes>
            </inet>
          </family>
        </pool>
      </address-assignment>
    </access>
  </logical-systems>
</configuration>

```

Description DHCP option.

Contents

- <array>—Array of values.
- <byte>—Unsigned 8-bit value.
- <flag>—Boolean flag value.
 - false—False value.
 - off—Off value.
 - on—On value.
 - true—True value.
- <integer>—Signed 32-bit numeric value.
- <ip-address>—IP address value.
- <name>—DHCP option identifier code.
- <short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <access>
          <address-assignment>
            <pool>
              <family>
                <inet>
                  <dhcp-attributes>
                    <option>
                      <name>name</name>    <!-- identifier -->
                      <flag>flag-choice</flag>
                      <byte>byte</byte>
                      <short>short</short>
                      <unsigned-short>unsigned-short</unsigned-short>
                      <integer>integer</integer>
                      <unsigned-integer>unsigned-integer</unsigned-integer>
                      <string>string</string>
                      <ip-address>ip-address</ip-address>
                      <array>...</array>
                    </option>
                  </dhcp-attributes>
                </inet>
              </family>
            </pool>
          </address-assignment>
        </access>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

■ false—False value.

■ off—Off value.

■ on—On value.

■ true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <name>*name*</name> <!-- identifier -->
 <flag>*flag-choice*</flag>
 <byte>*byte*</byte>
 <short>*short*</short>
 <unsigned-short>*unsigned-short*</unsigned-short>
 <integer>*integer*</integer>
 <unsigned-integer>*unsigned-integer*</unsigned-integer>
 <string>*string*</string>
 <ip-address>*ip-address*</ip-address>
 <array>...</array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
</configuration>

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

■ false—False value.

■ off—Off value.

■ on—On value.

■ true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

<option> (configuration/system/services/dhcp)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <option>
 <name>name</name> <!-- identifier -->
 <flag>flag-choice</flag>
 <byte>byte</byte>
 <short>short</short>
 <unsigned-short>unsigned-short</unsigned-short>
 <integer>integer</integer>
 <unsigned-integer>unsigned-integer</unsigned-integer>
 <string>string</string>
 <ip-address>ip-address</ip-address>
 <array>...</array>
 </option>
 </dhcp>
 </services>
 </system>
 </configuration>

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

■ false—False value.

■ off—Off value.

■ on—On value.

■ true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

<option> (configuration/system/services/dhcp/pool)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <pool>
 <option>
 <name>*name*</name> <!-- identifier -->
 <flag>*flag-choice*</flag>
 <byte>*byte*</byte>
 <short>*short*</short>
 <unsigned-short>*unsigned-short*</unsigned-short>
 <integer>*integer*</integer>
 <unsigned-integer>*unsigned-integer*</unsigned-integer>
 <string>*string*</string>
 <ip-address>*ip-address*</ip-address>
 <array>...</array>
 </option>
 </pool>
 </dhcp>
 </services>
 </system>
 </configuration>

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

■ false—False value.

■ off—Off value.

■ on—On value.

■ true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <option>
 <name>*name*</name> <!-- identifier -->
 <flag>*flag-choice*</flag>
 <byte>*byte*</byte>
 <short>*short*</short>
 <unsigned-short>*unsigned-short*</unsigned-short>
 <integer>*integer*</integer>
 <unsigned-integer>*unsigned-integer*</unsigned-integer>
 <string>*string*</string>
 <ip-address>*ip-address*</ip-address>
 <array>...</array>
 </option>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description DHCP option.

Contents <array>—Array of values.

<byte>—Unsigned 8-bit value.

<flag>—Boolean flag value.

■ false—False value.

■ off—Off value.

■ on—On value.

■ true—True value.

<integer>—Signed 32-bit numeric value.

<ip-address>—IP address value.

<name>—DHCP option identifier code.

<short>—Signed 16-bit numeric value.

<string>—Character string value.

<unsigned-integer>—Unsigned 32-bit numeric value.

<unsigned-short>—Unsigned 16-bit numeric value.

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

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>
 <circuit-id>...</circuit-id>
 <remote-id>...</remote-id>
 </option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </configuration>

Description No documentation is available yet.

Contents <circuit-id>—Circuit ID portion of the option 82.
 <remote-id>—Remote ID portion of the option 82.

<option-82> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/group/authentication/username-include)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/forwarding-options/dhcp-relay/group/authentication/username-include)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

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

Description No documentation is available yet.

Contents <circuit-id>—Circuit ID portion of the option 82.
 <remote-id>—Remote ID portion of the option 82.

<option-82> (configuration/logical-systems/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/forwarding-options/dhcp-relay/group/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

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

Description No documentation is available yet.

Contents <circuit-id>—Circuit ID portion of the option 82.
 <remote-id>—Remote ID portion of the option 82.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/group/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/routing-instances/instance/system/services/dhcp-local-server/authentication/username-include)

Usage

```
<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <authentication>
                <username-include>
                  <option-82>
                    <circuit-id/>
                    <remote-id/>
                  </option-82>
                </username-include>
              </authentication>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>
```

Description Include option 82.

Contents

<circuit-id>—Include option 82 circuit-id (sub option 1).

<remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/routing-instances/instance/system/services/dhcp-local-server/group/authentication/username-include)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <group>
                <authentication>
                  <username-include>
                    <option-82>
                      <circuit-id/>
                      <remote-id/>
                    </option-82>
                  </username-include>
                </authentication>
              </group>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/system/services/dhcp-local-server/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <system>
 <services>
 <dhcp-local-server>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-local-server>
 </services>
 </system>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/logical-systems/system/services/dhcp-local-server/group/authentication/username-include)

Usage <configuration>
 <logical-systems>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-local-server>
 </services>
 </system>
 </logical-systems>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

Usage

```

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

```

Description No documentation is available yet.

Contents

- <circuit-id>—Circuit ID portion of the option 82.
- <remote-id>—Remote ID portion of the option 82.

<option-82> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/routing-instances/instance/forwarding-options/dhcp-relay/authentication/username-include)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

**<option-82> (configuration/routing-instances/instance/
forwarding-options/dhcp-relay/group/authentication/
username-include)**

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <ircuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <ircuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/routing-instances/instance/system/services/dhcp-local-server/authentication/username-include)

Usage <configuration>
 <routing-instances>
 <instance>
 <system>
 <services>
 <dhcp-local-server>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-local-server>
 </services>
 </system>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/routing-instances/instance/system/services/dhcp-local-server/group/authentication/username-include)

Usage <configuration>
 <routing-instances>
 <instance>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-local-server>
 </services>
 </system>
 </instance>
 </routing-instances>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/system/services/dhcp-local-server/authentication/username-include)

Usage <configuration>
 <system>
 <services>
 <dhcp-local-server>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </dhcp-local-server>
 </services>
 </system>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

<option-82> (configuration/system/services/dhcp-local-server/group/authentication/username-include)

Usage <configuration>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <authentication>
 <username-include>
 <option-82>
 <circuit-id/>
 <remote-id/>
 </option-82>
 </username-include>
 </authentication>
 </group>
 </dhcp-local-server>
 </services>
 </system>
 </configuration>

Description Include option 82.

Contents <circuit-id>—Include option 82 circuit-id (sub option 1).
 <remote-id>—Include option 82 remote-id (sub option 2).

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

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>...</option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </configuration>

Description Match.

Contents <option-82>—No documentation is available yet.

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

Usage <configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>...</option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
 </configuration>

Description Match.

Contents <option-82>—No documentation is available yet.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>...</option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Match.

Contents <option-82>—No documentation is available yet.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>...</option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </configuration>

Description Match.

Contents <option-82>—No documentation is available yet.

<option-refresh-rate> (configuration/services/flow-monitoring/version9/template)

Usage <configuration>
 <services>
 <flow-monitoring>
 <version9>
 <template>
 <option-refresh-rate>
 <packets>packets</packets>
 <seconds>seconds</seconds>
 </option-refresh-rate>
 </template>
 </version9>
 </flow-monitoring>
 </services>
 </configuration>

Description Option template refresh rate.

Contents <packets>—In number of packets.

<seconds>—In number of seconds.

<options> (configuration/access/profile/radius)

Usage <configuration>
 <access>
 <profile>
 <radius>
 <options>
 <ethernet-port-type-virtual/>
 <interface-description-format>*interface-description-format-choice*
 </interface-description-format>
 <nas-identifier>*nas-identifier*</nas-identifier>
 <nas-port-extended-format>...</nas-port-extended-format>
 <accounting-session-id-format>*accounting-session-id-format-choice*
 </accounting-session-id-format>
 <revert-interval>*seconds*</revert-interval>
 <vlan-nas-port-stacked-format/>
 </options>
 </radius>
 </profile>
 </access>
 </configuration>

Description Specifies the RADIUS options.

Contents <accounting-session-id-format>—Decimal format or description format for the accounting session ID.

- decimal—Decimal-session-identifier.
- description—Description Format: <jnpr> <interface-type>
 <interface-specifier> : <session-identifier> .

<ethernet-port-type-virtual>—Type of physical port to authenticate the user is virtual (RADIUS attribute 61).

<interface-description-format>—Interface description in the NAS-port-ID attribute.

- adapter—Specifies that the adapter is included in or omitted from the interface description.
- sub-interface—Specifies that the subinterface is included in or omitted from the interface description.

<nas-identifier>—NAS-Identifier to be used for authentication and accounting requests (RADIUS attribute 32).

<nas-port-extended-format>—RADIUS client's use of an extended format for RADIUS attribute 5.

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

<vlan-nas-port-stacked-format>—Include the S-VLAN ID, in addition to the VLAN ID, for subscribers on Ethernet interfaces.

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

Usage <configuration>
 <bridge-domains>
 <domain>
 <multicast-snooping-options>
 <options>
 <syslog>...</syslog>
 </options>
 </multicast-snooping-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Miscellaneous options.

Contents <syslog>—Set system logging level.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <multicast-snooping-options>
 <options>
 <syslog>...</syslog>
 </options>
 </multicast-snooping-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Miscellaneous options.

Contents <syslog>—Set system logging level.

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

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <multicast-snooping-options> <options> <syslog>...</syslog> </options> </multicast-snooping-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Miscellaneous options.
Contents	<syslog>—Set system logging level.

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

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <options> <syslog>...</syslog> <mark>seconds</mark> </options> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Miscellaneous options.
Contents	<mark>—Periodically mark the trace file. <syslog>—Set system logging level.

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

Usage	<pre><configuration> <logical-systems> <routing-options> <options> <syslog>...</syslog> <mark>seconds</mark> </options> </routing-options> </logical-systems> </configuration></pre>
Description	Miscellaneous options.
Contents	<p><mark>—Periodically mark the trace file.</p> <p><syslog>—Set system logging level.</p>

<options> (configuration/multicast-snooping-options)

Usage	<pre><configuration> <multicast-snooping-options> <options> <syslog>...</syslog> </options> </multicast-snooping-options> </configuration></pre>
Description	Miscellaneous options.
Contents	<p><syslog>—Set system logging level.</p>

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

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <multicast-snooping-options>
 <options>
 <syslog>...</syslog>
 </options>
 </multicast-snooping-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description Miscellaneous options.

Contents <syslog>—Set system logging level.

<options> (configuration/routing-instances/instance/multicast-snooping-options)

Usage <configuration>
 <routing-instances>
 <instance>
 <multicast-snooping-options>
 <options>
 <syslog>...</syslog>
 </options>
 </multicast-snooping-options>
 </instance>
 </routing-instances>
 </configuration>

Description Miscellaneous options.

Contents <syslog>—Set system logging level.

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

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <options> <syslog>...</syslog> <mark>seconds</mark> </options> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Miscellaneous options.
Contents	<p><mark>—Periodically mark the trace file.</p> <p><syslog>—Set system logging level.</p>

<options> (configuration/routing-options)

Usage	<pre> <configuration> <routing-options> <options> <syslog>...</syslog> <mark>seconds</mark> </options> </routing-options> </configuration> </pre>
Description	Miscellaneous options.
Contents	<p><mark>—Periodically mark the trace file.</p> <p><syslog>—Set system logging level.</p>

<opu-ptm> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <opu-ptm>
 <ignore/>
 <hold-time>...</hold-time>
 </opu-ptm>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description OPU Payload Type Mismatch defect trigger.

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

<opu-ptm> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <opu-ptm>
 <ignore/>
 <hold-time>...</hold-time>
 </opu-ptm>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
</configuration>

Description OPU Payload Type Mismatch defect trigger.

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

<ord-ctn> (configuration/load-update-test)

Usage	<pre> <configuration> <load-update-test> <ord-ctn> <name>name</name> <!-- identifier --> </ord-ctn> </load-update-test> </configuration> </pre>
Description	No documentation is available yet.
Contents	<name>—No documentation is available yet.

<ord-ctn-set-of-string> (configuration/load-update-test)

Usage	<pre> <configuration> <load-update-test> <ord-ctn-set-of-string> <id>...</id> </ord-ctn-set-of-string> </load-update-test> </configuration> </pre>
Description	Should be same as ord-ctn.
Contents	<id>—No documentation is available yet.

<order> (configuration/access/profile/accounting)

Usage	<pre> <configuration> <access> <profile> <accounting> <order> <name>name</name> <!-- identifier --> </order> </accounting> </profile> </access> </configuration> </pre>
Description	Order in which accounting mechanisms are used.
Contents	<name>—Order in which accounting mechanisms are used. <ul style="list-style-type: none"> ■ radius—Remote authentication dial-in user service.

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

Usage	<pre> <configuration> <logical-systems> <protocols> <ospf> <disable/> <traceoptions>...</traceoptions> <topology>...</topology> <spf-options>...</spf-options> <prefix-export-limit>prefix-export-limit</prefix-export-limit> <rib-group>rib-group</rib-group> <overload>...</overload> <graceful-restart>...</graceful-restart> <traffic-engineering>...</traffic-engineering> <route-type-community>route-type-community-choice</route-type-community> <domain-id>...</domain-id> <domain-vpn-tag>domain-vpn-tag</domain-vpn-tag> <preference>preference</preference> <external-preference>external-preference</external-preference> <export>...</export> <import>...</import> <reference-bandwidth>reference-bandwidth</reference-bandwidth> <no-rfc-1583/> <no-nssa-abr/> <sham-link>...</sham-link> <area>...</area> </ospf> </protocols> </logical-systems> </configuration> </pre>
Description	OSPF configuration.
Contents	<p><area>—Configure an OSPF area.</p> <p><disable>—Disable OSPF.</p> <p><domain-id>—Configure domain ID.</p> <p><domain-vpn-tag>—Domain VPN tag for type 5 LSA.</p> <p><export>—Export policy.</p> <p><external-preference>—Preference of external routes.</p> <p><graceful-restart>—Configure graceful restart attributes.</p> <p><import>—Import policy (for external routes or setting priority).</p> <p><no-nssa-abr>—Disable full NSSA functionality at ABR.</p> <p><no-rfc-1583>—Disable RFC1583 compatibility.</p> <p><overload>—Set the overload mode (repel transit traffic).</p>

<preference>—Preference of internal routes.

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

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- **iana**—BGP extended community value used is 0x0306.

- **vendor**—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
<ospf>
 <disable/>
 <traceoptions>...</traceoptions>
 <topology>...</topology>
 <spf-options>...</spf-options>
 <prefix-export-limit>*prefix-export-limit*</prefix-export-limit>
 <rib-group>*rib-group*</rib-group>
 <overload>...</overload>
 <graceful-restart>...</graceful-restart>
 <traffic-engineering>...</traffic-engineering>
 <route-type-community>*route-type-community-choice*
 </route-type-community>
 <domain-id>...</domain-id>
 <domain-vpn-tag>*domain-vpn-tag*</domain-vpn-tag>
 <preference>*preference*</preference>
 <external-preference>*external-preference*</external-preference>
 <export>...</export>
 <import>...</import>
 <reference-bandwidth>*reference-bandwidth*</reference-bandwidth>
 <no-rfc-1583/>
 <no-nssa-abr/>
 <sham-link>...</sham-link>
 <area>...</area>
</ospf>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description OSPF configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

<domain-vpn-tag>—Domain VPN tag for type 5 LSA.

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy (for external routes or setting priority).

<no-nssa-abr>—Disable full NSSA functionality at ABR.

<no-rfc-1583>—Disable RFC1583 compatibility.

<overload>—Set the overload mode (repel transit traffic).

<preference>—Preference of internal routes.

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

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- iana—BGP extended community value used is 0x0306.

- vendor—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<ospf> (configuration/protocols)

Usage	<pre> <configuration> <protocols> <ospf> <disable/> <traceoptions>...</traceoptions> <topology>...</topology> <spf-options>...</spf-options> <prefix-export-limit>prefix-export-limit</prefix-export-limit> <rib-group>rib-group</rib-group> <overload>...</overload> <graceful-restart>...</graceful-restart> <traffic-engineering>...</traffic-engineering> <route-type-community>route-type-community-choice</route-type-community> <domain-id>...</domain-id> <domain-vpn-tag>domain-vpn-tag</domain-vpn-tag> <preference>preference</preference> <external-preference>external-preference</external-preference> <export>...</export> <import>...</import> <reference-bandwidth>reference-bandwidth</reference-bandwidth> <no-rfc-1583/> <no-nssa-abr/> <sham-link>...</sham-link> <area>...</area> </ospf> </protocols> </configuration> </pre>
Description	OSPF configuration.
Contents	<p><area>—Configure an OSPF area.</p> <p><disable>—Disable OSPF.</p> <p><domain-id>—Configure domain ID.</p> <p><domain-vpn-tag>—Domain VPN tag for type 5 LSA.</p> <p><export>—Export policy.</p> <p><external-preference>—Preference of external routes.</p> <p><graceful-restart>—Configure graceful restart attributes.</p> <p><import>—Import policy (for external routes or setting priority).</p> <p><no-nssa-abr>—Disable full NSSA functionality at ABR.</p> <p><no-rfc-1583>—Disable RFC1583 compatibility.</p> <p><overload>—Set the overload mode (repel transit traffic).</p> <p><preference>—Preference of internal routes.</p>

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

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- **iana**—BGP extended community value used is 0x0306.

- **vendor**—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

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

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <ospf> <disable/> <traceoptions>...</traceoptions> <topology>...</topology> <spf-options>...</spf-options> <prefix-export-limit>prefix-export-limit</prefix-export-limit> <rib-group>rib-group</rib-group> <overload>...</overload> <graceful-restart>...</graceful-restart> <traffic-engineering>...</traffic-engineering> <route-type-community>route-type-community-choice </route-type-community> <domain-id>...</domain-id> <domain-vpn-tag>domain-vpn-tag</domain-vpn-tag> <preference>preference</preference> <external-preference>external-preference</external-preference> <export>...</export> <import>...</import> <reference-bandwidth>reference-bandwidth</reference-bandwidth> <no-rfc-1583/> <no-nssa-abr/> <sham-link>...</sham-link> <area>...</area> </ospf> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	OSPF configuration.
Contents	<p><area>—Configure an OSPF area.</p> <p><disable>—Disable OSPF.</p> <p><domain-id>—Configure domain ID.</p> <p><domain-vpn-tag>—Domain VPN tag for type 5 LSA.</p> <p><export>—Export policy.</p> <p><external-preference>—Preference of external routes.</p> <p><graceful-restart>—Configure graceful restart attributes.</p> <p><import>—Import policy (for external routes or setting priority).</p> <p><no-nssa-abr>—Disable full NSSA functionality at ABR.</p>

<no-rfc-1583>—Disable RFC1583 compatibility.

<overload>—Set the overload mode (repel transit traffic).

<preference>—Preference of internal routes.

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

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- iana—BGP extended community value used is 0x0306.

- vendor—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<ospf3> (configuration/logical-systems/protocols)

Usage <configuration>
 <logical-systems>
 <protocols>
<ospf3>
 <realm>...</realm>
 <disable/>
 <traceoptions>...</traceoptions>
 <topology>...</topology>
 <spf-options>...</spf-options>
 <prefix-export-limit>*prefix-export-limit*</prefix-export-limit>
 <rib-group>*rib-group*</rib-group>
 <overload>...</overload>
 <graceful-restart>...</graceful-restart>
 <traffic-engineering>...</traffic-engineering>
 <route-type-community>*route-type-community-choice*</route-type-community>
 <domain-id>...</domain-id>
 <domain-vpn-tag>*domain-vpn-tag*</domain-vpn-tag>
 <preference>*preference*</preference>
 <external-preference>*external-preference*</external-preference>
 <export>...</export>
 <import>...</import>
 <reference-bandwidth>*reference-bandwidth*</reference-bandwidth>
 <no-rfc-1583/>
 <no-nssa-abr/>
 <sham-link>...</sham-link>
 <area>...</area>
</ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description OSPFv3 configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

<domain-vpn-tag>—Domain VPN tag for type 5 LSA.

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

<import>—Import policy (for external routes or setting priority).

<no-nssa-abr>—Disable full NSSA functionality at ABR.

<no-rfc-1583>—Disable RFC1583 compatibility.

<overload>—Set the overload mode (repel transit traffic).

<preference>—Preference of internal routes.

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

<realm>—OSPFv3 realm configuration.

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- iana—BGP extended community value used is 0x0306.

- vendor—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<ospf3> (configuration/logical-systems/routing-instances/instance/protocols)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>...</realm>
 <disable/>
 <traceoptions>...</traceoptions>
 <topology>...</topology>
 <spf-options>...</spf-options>
 <prefix-export-limit>*prefix-export-limit*</prefix-export-limit>
 <rib-group>*rib-group*</rib-group>
 <overload>...</overload>
 <graceful-restart>...</graceful-restart>
 <traffic-engineering>...</traffic-engineering>
 <route-type-community>*route-type-community-choice*
 </route-type-community>
 <domain-id>...</domain-id>
 <domain-vpn-tag>*domain-vpn-tag*</domain-vpn-tag>
 <preference>*preference*</preference>
 <external-preference>*external-preference*</external-preference>
 <export>...</export>
 <import>...</import>
 <reference-bandwidth>*reference-bandwidth*</reference-bandwidth>
 <no-rfc-1583/>
 <no-nssa-abr/>
 <sham-link>...</sham-link>
 <area>...</area>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description OSPF3 configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

<domain-vpn-tag>—Domain VPN tag for type 5 LSA.

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

- <import>—Import policy (for external routes or setting priority).
- <no-nssa-abr>—Disable full NSSA functionality at ABR.
- <no-rfc-1583>—Disable RFC1583 compatibility.
- <overload>—Set the overload mode (repel transit traffic).
- <preference>—Preference of internal routes.
- <prefix-export-limit>—Maximum number of prefixes that can be exported.
- <realm>—OSPFv3 realm configuration.
- <reference-bandwidth>—Bandwidth for calculating metric defaults.
- <rib-group>—Routing table group for importing OSPF routes.
- <route-type-community>—Specify BGP extended community value to encode OSPF route type.
 - iana—BGP extended community value used is 0x0306.
 - vendor—Vendor BGP extended community value used is 0x8000.
- <sham-link>—Configure parameters for sham links.
- <spf-options>—Configure options for SPF.
- <topology>—Topology parameters.
- <traceoptions>—Trace options for OSPF.
- <traffic-engineering>—Configure traffic engineering attributes.

<ospf3> (configuration/protocols)

Usage	<pre> <configuration> <protocols> <ospf3> <realm>...</realm> <disable/> <traceoptions>...</traceoptions> <topology>...</topology> <spf-options>...</spf-options> <prefix-export-limit>prefix-export-limit</prefix-export-limit> <rib-group>rib-group</rib-group> <overload>...</overload> <graceful-restart>...</graceful-restart> <traffic-engineering>...</traffic-engineering> <route-type-community>route-type-community-choice</route-type-community> <domain-id>...</domain-id> <domain-vpn-tag>domain-vpn-tag</domain-vpn-tag> <preference>preference</preference> <external-preference>external-preference</external-preference> <export>...</export> <import>...</import> <reference-bandwidth>reference-bandwidth</reference-bandwidth> <no-rfc-1583/> <no-nssa-abr/> <sham-link>...</sham-link> <area>...</area> </ospf3> </protocols> </configuration> </pre>
Description	OSPFv3 configuration.
Contents	<p><area>—Configure an OSPF area.</p> <p><disable>—Disable OSPF.</p> <p><domain-id>—Configure domain ID.</p> <p><domain-vpn-tag>—Domain VPN tag for type 5 LSA.</p> <p><export>—Export policy.</p> <p><external-preference>—Preference of external routes.</p> <p><graceful-restart>—Configure graceful restart attributes.</p> <p><import>—Import policy (for external routes or setting priority).</p> <p><no-nssa-abr>—Disable full NSSA functionality at ABR.</p> <p><no-rfc-1583>—Disable RFC1583 compatibility.</p> <p><overload>—Set the overload mode (repel transit traffic).</p>

<preference>—Preference of internal routes.

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

<realm>—OSPFv3 realm configuration.

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- **iana**—BGP extended community value used is 0x0306.

- **vendor**—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<ospf3> (configuration/routing-instances/instance/protocols)

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <ospf3> <realm>...</realm> <disable/> <traceoptions>...</traceoptions> <topology>...</topology> <spf-options>...</spf-options> <prefix-export-limit>prefix-export-limit</prefix-export-limit> <rib-group>rib-group</rib-group> <overload>...</overload> <graceful-restart>...</graceful-restart> <traffic-engineering>...</traffic-engineering> <route-type-community>route-type-community-choice </route-type-community> <domain-id>...</domain-id> <domain-vpn-tag>domain-vpn-tag</domain-vpn-tag> <preference>preference</preference> <external-preference>external-preference</external-preference> <export>...</export> <import>...</import> <reference-bandwidth>reference-bandwidth</reference-bandwidth> <no-rfc-1583/> <no-nssa-abr/> <sham-link>...</sham-link> <area>...</area> </ospf3> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	OSPF3 configuration.
Contents	<p><area>—Configure an OSPF area.</p> <p><disable>—Disable OSPF.</p> <p><domain-id>—Configure domain ID.</p> <p><domain-vpn-tag>—Domain VPN tag for type 5 LSA.</p> <p><export>—Export policy.</p> <p><external-preference>—Preference of external routes.</p> <p><graceful-restart>—Configure graceful restart attributes.</p> <p><import>—Import policy (for external routes or setting priority).</p> <p><no-nssa-abr>—Disable full NSSA functionality at ABR.</p>

<no-rfc-1583>—Disable RFC1583 compatibility.

<overload>—Set the overload mode (repel transit traffic).

<preference>—Preference of internal routes.

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

<realm>—OSPFv3 realm configuration.

<reference-bandwidth>—Bandwidth for calculating metric defaults.

<rib-group>—Routing table group for importing OSPF routes.

<route-type-community>—Specify BGP extended community value to encode OSPF route type.

- iana—BGP extended community value used is 0x0306.

- vendor—Vendor BGP extended community value used is 0x8000.

<sham-link>—Configure parameters for sham links.

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <pass-thru/>
 <laser-enable/>
 <line-loopback/>
 <fec>fec-choice</fec>
 <trigger>...</trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Optical Transmission Network interface-specific options.

Contents <fec>—Forward Error Correction mode.

- efec—EFEC-Enhanced Forward Error Correction.
- gfec—GFEC-Generic Forward Error Correction.
- none—FEC all 0's.

<laser-enable>—Enable Laser.

<line-loopback>—Enable Line Loopback.

<pass-thru>—Enable Optical Transmission Network pass through mode.

<trigger>—Defect triggers.

<otn-options> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <pass-thru/>
 <laser-enable/>
 <line-loopback/>
 <fec>fec-choice</fec>
 <trigger>...</trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description Optical Transmission Network interface-specific options.

Contents <fec>—Forward Error Correction mode.

- efec—EFEC-Enhanced Forward Error Correction.
- gfec—GFEC-Generic Forward Error Correction.
- none—FEC all 0's.

<laser-enable>—Enable Laser.

<line-loopback>—Enable Line Loopback.

<pass-thru>—Enable Optical Transmission Network pass through mode.

<trigger>—Defect triggers.

<otu-ais> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ais>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ais>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OTU Alarm Indication Signal defect trigger.

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

<otu-ais> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ais>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ais>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Alarm Indication Signal defect trigger.

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

<otu-bbe-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-bbe-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-bbe-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description OTU Background Block Error Threshold defect trigger.

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

<otu-bbe-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-bbe-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-bbe-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Background Block Error Threshold defect trigger.

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

<otu-bdi> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-bdi>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-bdi>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OTU Backward Defect Indication defect trigger.

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

<otu-bdi> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-bdi>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-bdi>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Backward Defect Indication defect trigger.

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

<otu-es-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-es-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-es-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OTU Errored Seconds Threshold defect trigger.

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

<otu-es-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-es-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-es-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Errored Seconds Threshold defect trigger.

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

<otu-fec-deg> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-fec-deg>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-fec-deg>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>
- Description** OTU FEC Degrade defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<otu-fec-deg> (configuration/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-fec-deg>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-fec-deg>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>
- Description** OTU FEC Degrade defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<otu-fec-exe> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <otn-options> <trigger> <otu-fec-exe> <ignore/> <hold-time>...</hold-time> </otu-fec-exe> </trigger> </otn-options> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	OTU FEC Excessive Error defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<otu-fec-exe> (configuration/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <interfaces> <interface> <otn-options> <trigger> <otu-fec-exe> <ignore/> <hold-time>...</hold-time> </otu-fec-exe> </trigger> </otn-options> </interface> </interfaces> </configuration> </pre>
Description	OTU FEC Excessive Error defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<otu-iae> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-iae>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-iae>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>
- Description** OTU Incoming Alignment defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<otu-iae> (configuration/interfaces/interface/otn-options/trigger)

- Usage** <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-iae>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-iae>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>
- Description** OTU Incoming Alignment defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

<otu-sd> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <otn-options> <trigger> <otu-sd> <ignore/> <hold-time>...</hold-time> </otu-sd> </trigger> </otn-options> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	OTU Signal Degrade defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<otu-sd> (configuration/interfaces/interface/otn-options/trigger)

Usage	<pre> <configuration> <interfaces> <interface> <otn-options> <trigger> <otu-sd> <ignore/> <hold-time>...</hold-time> </otu-sd> </trigger> </otn-options> </interface> </interfaces> </configuration> </pre>
Description	OTU Signal Degrade defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<otu-ses-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ses-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ses-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description OTU Severely Errored Seconds Threshold defect trigger.

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

<otu-ses-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ses-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ses-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Severely Errored Seconds Threshold defect trigger.

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

<otu-ttim> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ttim>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ttim>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description OTU Trail Trace Identifier Mismatch defect trigger.

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

<otu-ttim> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-ttim>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-ttim>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Trail Trace Identifier Mismatch defect trigger.

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

<otu-uas-th> (configuration/dynamic-profiles/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-uas-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-uas-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description OTU Unavailable Seconds Threshold defect trigger.

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

<otu-uas-th> (configuration/interfaces/interface/otn-options/trigger)

Usage <configuration>
 <interfaces>
 <interface>
 <otn-options>
 <trigger>
 <otu-uas-th>
 <ignore/>
 <hold-time>...</hold-time>
 </otu-uas-th>
 </trigger>
 </otn-options>
 </interface>
 </interfaces>
 </configuration>

Description OTU Unavailable Seconds Threshold defect trigger.

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

<outbound-route-filter> (configuration/logical-systems/protocols/bgp)

Usage	<pre> <configuration> <logical-systems> <protocols> <bgp> <outbound-route-filter> <bgp-orf-cisco-mode/> <prefix-based>...</prefix-based> </outbound-route-filter> </bgp> </protocols> </logical-systems> </configuration> </pre>
Description	Dynamically negotiated cooperative route filtering.
Contents	<p><bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.</p> <p><prefix-based>—Prefix-based outbound route filtering.</p>

<outbound-route-filter> (configuration/logical-systems/protocols/bgp/group)

Usage	<pre> <configuration> <logical-systems> <protocols> <bgp> <group> <outbound-route-filter> <bgp-orf-cisco-mode/> <prefix-based>...</prefix-based> </outbound-route-filter> </group> </bgp> </protocols> </logical-systems> </configuration> </pre>
Description	Dynamically negotiated cooperative route filtering.
Contents	<p><bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.</p> <p><prefix-based>—Prefix-based outbound route filtering.</p>

<outbound-route-filter> (configuration/logical-systems/protocols/bgp/group/neighbor)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/logical-systems/routing-instances/instance/protocols/bgp)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/logical-systems/ routing-instances/instance/protocols/bgp/group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

 <prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/protocols/bgp)

Usage <configuration>
 <protocols>
 <bgp>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </bgp>
 </protocols>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/protocols/bgp/group)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </group>
</bgp>
</protocols>
</configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/protocols/bgp/group/neighbor)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </neighbor>
 </group>
</bgp>
</protocols>
</configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/routing-instances/instance/protocols/bgp)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/routing-instances/instance/protocols/bgp/group)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
</configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

<outbound-route-filter> (configuration/routing-instances/instance/protocols/bgp/group/neighbor)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <outbound-route-filter>
 <bgp-orf-cisco-mode/>
 <prefix-based>...</prefix-based>
 </outbound-route-filter>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Dynamically negotiated cooperative route filtering.

Contents <bgp-orf-cisco-mode>—Using BGP ORF capability code 130 and Prefix ORF type 128.

<prefix-based>—Prefix-based outbound route filtering.

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

Usage <configuration>
 <system>
 <services>
 <outbound-ssh>
 <traceoptions>...</traceoptions>
 <client>...</client>
 </outbound-ssh>
 </services>
 </system>
 </configuration>

Description Initiate outbound SSH connection.

Contents <client>—Define a device initiated SSH connection.

<traceoptions>—Outbound SSH trace options.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/service)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet6/filter)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <filter>
                <output>
                  <filter-name>filter-name</filter-name>    <!-- mandatory -->
                  <precedence>precedence</precedence>
                </output>
              </filter>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.

<precedence>—Precedence of the filter.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet6/service)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/dynamic-profiles/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.

 <precedence>—Precedence of the filter.

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

Usage <configuration>
 <forwarding-options>
 <accounting>
 <output>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <cflowd>...</cflowd> <!-- mandatory -->
 <interface>...</interface> <!-- mandatory -->
 </output>
 </accounting>
 </forwarding-options>
 </configuration>

Description Accounting data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

 <cflowd>—Cflowd collector where flow records are sent.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

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

Usage <configuration>
 <forwarding-options>
 <monitoring>
 <family>
 <inet>
 <output>
 <export-format>*export-format-choice*</export-format>
 <flow-active-timeout>*seconds*</flow-active-timeout>
 <flow-inactive-timeout>*seconds*</flow-inactive-timeout>
 <flow-export-destination>*flow-export-destination-choice*
 </flow-export-destination>
 <cflowd>...</cflowd>
 <interface>...</interface> <!-- mandatory -->
 </output>
 </inet>
 </family>
 </monitoring>
 </forwarding-options>
 </configuration>

Description Monitoring data disposition.

Contents <cflowd>—Collector destination where flow records are sent.

 <export-format>—Format for sending monitoring information.

■ cflowd-version-5—Export in cflowd version 5 format.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-export-destination>—Destination for flow export.

■ cflowd-collector—Send flow information to cflowd collector.

■ collector-pic—Send flow information to collector PIC.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

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

- Usage** `<configuration>
 <forwarding-options>
 <port-mirroring>
 <family>
 <inet>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet>
 </family>
 </port-mirroring>
 </forwarding-options>
</configuration>`
- Description** One or more next hops for port-mirrored packets.
- Contents** `<interface>`—Interfaces through which to send sampled traffic.
 `<no-filter-check>`—Do not check for filters on port-mirroring interface.

<output> (configuration/forwarding-options/port-mirroring/family/inet6)

- Usage** `<configuration>
 <forwarding-options>
 <port-mirroring>
 <family>
 <inet6>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet6>
 </family>
 </port-mirroring>
 </forwarding-options>
</configuration>`
- Description** One or more next hops for port-mirrored packets.
- Contents** `<interface>`—Interfaces through which to send sampled traffic.
 `<no-filter-check>`—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <family>
 <vpls>
 <output>
 <interface>interface</interface>
 <no-filter-check/>
 </output>
 </vpls>
 </family>
 </port-mirroring>
 </forwarding-options>
 </configuration>

Description Destination for port-mirrored packets.

Contents <interface>—Interface through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <inet>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

<output> (configuration/forwarding-options/port-mirroring/instance/family/inet6)

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <inet6>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet6>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
</configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <vpls>
 <output>
 <interface>interface</interface>
 <no-filter-check/>
 </output>
 </vpls>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
</configuration>

Description Destination for port-mirrored packets.

Contents <interface>—Interface through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <forwarding-options>
 <sampling>
 <output>
 <file>...</file>
 <cflowd>...</cflowd>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <interface>...</interface>
 <extension-service>...</extension-service>
 </output>
 </sampling>
 </forwarding-options>
 </configuration>

Description Traffic sampling data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

<cflowd>—Configure sending traffic aggregates in cflowd format.

<extension-service>—Define the customer specific sampling configuration.

<file>—Configure parameters for dumping sampled packets.

<flow-active-timeout>—Interval after which an active flow is exported.

<flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

<interface>—Interfaces used to send monitored information.

<output> (configuration/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/interfaces/interface/unit/family/inet/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/interfaces/interface/unit/family/inet/service)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/interfaces/interface/unit/family/inet6/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/interfaces/interface/unit/family/inet6/service)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/logical-systems/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

<output> (configuration/logical-systems/interfaces/interface/unit/family/inet/filter)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <filter>
                <output>
                  <filter-name>filter-name</filter-name>    <!-- mandatory -->
                  <precedence>precedence</precedence>
                </output>
              </filter>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.

<precedence>—Precedence of the filter.

<output> (configuration/logical-systems/interfaces/interface/unit/family/inet/service)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/logical-systems/interfaces/interface/unit/family/inet6/filter)

Usage

```
<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <filter>
                <output>
                  <filter-name>filter-name</filter-name>    <!-- mandatory -->
                  <precedence>precedence</precedence>
                </output>
              </filter>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>
```

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.

<precedence>—Precedence of the filter.

<output> (configuration/logical-systems/interfaces/interface/unit/family/inet6/service)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <service>
 <output>
 <service-set>...</service-set>
 </output>
 </service>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Service sets to consider for transmitted packets.

Contents <service-set>—Service set to consider for transmitted packets.

<output> (configuration/logical-systems/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output>
 <filter-name>*filter-name*</filter-name> <!-- mandatory -->
 <precedence>*precedence*</precedence>
 </output>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Filter to be applied to transmitted packets.

Contents <filter-name>—Name of the filter.
 <precedence>—Precedence of the filter.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <accounting>
 <output>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <cflowd>...</cflowd> <!-- mandatory -->
 <interface>...</interface> <!-- mandatory -->
 </output>
 </accounting>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Accounting data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

 <cflowd>—Cflowd collector where flow records are sent.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <monitoring>
            <family>
              <inet>
                <output>
                  <export-format>export-format-choice</export-format>
                  <flow-active-timeout>seconds</flow-active-timeout>
                  <flow-inactive-timeout>seconds</flow-inactive-timeout>
                  <flow-export-destination>flow-export-destination-choice
                  </flow-export-destination>
                  <cflowd>...</cflowd>
                  <interface>...</interface>    <!-- mandatory -->
                </output>
              </inet>
            </family>
          </monitoring>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Monitoring data disposition.

Contents <cflowd>—Collector destination where flow records are sent.

<export-format>—Format for sending monitoring information.

■ cflowd-version-5—Export in cflowd version 5 format.

<flow-active-timeout>—Interval after which an active flow is exported.

<flow-export-destination>—Destination for flow export.

■ cflowd-collector—Send flow information to cflowd collector.

■ collector-pic—Send flow information to collector PIC.

<flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

<interface>—Interfaces used to send monitored information.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <inet>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

<output> (configuration/logical-systems/routing-instances/instance/forwarding-options/port-mirroring/family/inet6)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <port-mirroring>
            <family>
              <inet6>
                <output>
                  <interface>...</interface>
                  <no-filter-check/>
                </output>
              </inet6>
            </family>
          </port-mirroring>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.

<no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <vpls>
 <output>
 <interface>*interface*</interface>
 <no-filter-check/>
 </output>
 </vpls>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Destination for port-mirrored packets.

Contents <interface>—Interface through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <port-mirroring>
            <instance>
              <family>
                <inet>
                  <output>
                    <interface>...</interface>
                    <no-filter-check/>
                  </output>
                </inet>
              </family>
            </instance>
          </port-mirroring>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description One or more next hops for port-mirrored packets.

Contents

- <interface>—Interfaces through which to send sampled traffic.
- <no-filter-check>—Do not check for filters on port-mirroring interface.

<output> (configuration/logical-systems/routing-instances/instance/forwarding-options/port-mirroring/instance/family/inet6)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <port-mirroring>
            <instance>
              <family>
                <inet6>
                  <output>
                    <interface>...</interface>
                    <no-filter-check/>
                  </output>
                </inet6>
              </family>
            </instance>
          </port-mirroring>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.

<no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <port-mirroring>
            <instance>
              <family>
                <vpls>
                  <output>
                    <interface>interface</interface>
                    <no-filter-check/>
                  </output>
                </vpls>
              </family>
            </instance>
          </port-mirroring>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Destination for port-mirrored packets.

Contents

- <interface>—Interface through which to send sampled traffic.
- <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <sampling>
 <output>
 <file>...</file>
 <cflowd>...</cflowd>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <interface>...</interface>
 <extension-service>...</extension-service>
 </output>
 </sampling>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Traffic sampling data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

 <cflowd>—Configure sending traffic aggregates in cflowd format.

 <extension-service>—Define the customer specific sampling configuration.

 <file>—Configure parameters for dumping sampled packets.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <accounting>
 <output>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <cflowd>...</cflowd> <!-- mandatory -->
 <interface>...</interface> <!-- mandatory -->
 </output>
 </accounting>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Accounting data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

 <cflowd>—Cflowd collector where flow records are sent.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <monitoring>
          <family>
            <inet>
              <output>
                <export-format>export-format-choice</export-format>
                <flow-active-timeout>seconds</flow-active-timeout>
                <flow-inactive-timeout>seconds</flow-inactive-timeout>
                <flow-export-destination>flow-export-destination-choice
                  </flow-export-destination>
                <cflowd>...</cflowd>
                <interface>...</interface>    <!-- mandatory -->
              </output>
            </inet>
          </family>
        </monitoring>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Monitoring data disposition.

Contents <cflowd>—Collector destination where flow records are sent.

<export-format>—Format for sending monitoring information.

■ cflowd-version-5—Export in cflowd version 5 format.

<flow-active-timeout>—Interval after which an active flow is exported.

<flow-export-destination>—Destination for flow export.

■ cflowd-collector—Send flow information to cflowd collector.

■ collector-pic—Send flow information to collector PIC.

<flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

<interface>—Interfaces used to send monitored information.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <inet>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

<output> (configuration/routing-instances/instance/forwarding-options/port-mirroring/family/inet6)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <inet6>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet6>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <family>
 <vpls>
 <output>
 <interface>*interface*</interface>
 <no-filter-check/>
 </output>
 </vpls>
 </family>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Destination for port-mirrored packets.

Contents <interface>—Interface through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <inet>
 <output>
 <interface>...</interface>
 <no-filter-check/>
 </output>
 </inet>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

<output> (configuration/routing-instances/instance/forwarding-options/port-mirroring/instance/family/inet6)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <port-mirroring>
          <instance>
            <family>
              <inet6>
                <output>
                  <interface>...</interface>
                  <no-filter-check/>
                </output>
              </inet6>
            </family>
          </instance>
        </port-mirroring>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description One or more next hops for port-mirrored packets.

Contents <interface>—Interfaces through which to send sampled traffic.

<no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <instance>
 <family>
 <vpls>
 <output>
 <interface>*interface*</interface>
 <no-filter-check/>
 </output>
 </vpls>
 </family>
 </instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Destination for port-mirrored packets.

Contents <interface>—Interface through which to send sampled traffic.
 <no-filter-check>—Do not check for filters on port-mirroring interface.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <sampling>
 <output>
 <file>...</file>
 <cflowd>...</cflowd>
 <aggregate-export-interval>seconds</aggregate-export-interval>
 <flow-inactive-timeout>seconds</flow-inactive-timeout>
 <flow-active-timeout>seconds</flow-active-timeout>
 <interface>...</interface>
 <extension-service>...</extension-service>
 </output>
 </sampling>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Traffic sampling data disposition.

Contents <aggregate-export-interval>—Interval of exporting aggregate accounting information.

 <cflowd>—Configure sending traffic aggregates in cflowd format.

 <extension-service>—Define the customer specific sampling configuration.

 <file>—Configure parameters for dumping sampled packets.

 <flow-active-timeout>—Interval after which an active flow is exported.

 <flow-inactive-timeout>—Interval of inactivity that marks a flow inactive.

 <interface>—Interfaces used to send monitored information.

<output-filter> (configuration/access/profile/radius/attributes/exclude)

- Usage** `<configuration>`
 `<access>`
 `<profile>`
 `<radius>`
 `<attributes>`
 `<exclude>`
 <output-filter>
 `<name>name</name>` <!-- identifier -->
 </output-filter>
 `</exclude>`
 `</attributes>`
 `</radius>`
 `</profile>`
 `</access>`
`</configuration>`
- Description** Excludes RADIUS attribute 26-11, Egress-Policy-Name.
- Contents** `<name>`—Excludes RADIUS attribute 26-11, Egress-Policy-Name.
- `accounting-start`—RADIUS Accounting-Start message.
 - `accounting-stop`—RADIUS Accounting-Stop message.

<output-gigapackets> (configuration/access/profile/radius/attributes/exclude)

- Usage** `<configuration>`
 `<access>`
 `<profile>`
 `<radius>`
 `<attributes>`
 `<exclude>`
 <output-gigapackets>
 `<name>name</name>` <!-- identifier -->
 </output-gigapackets>
 `</exclude>`
 `</attributes>`
 `</radius>`
 `</profile>`
 `</access>`
`</configuration>`
- Description** Excludes RADIUS attribute 26-43, Acct-Output-Gigapackets.
- Contents** `<name>`—Excludes RADIUS attribute 26-43, Acct-Output-Gigapackets.
- `accounting-stop`—RADIUS Accounting-Stop message.

<output-gigawords> (configuration/access/profile/radius/attributes/exclude)

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

Description Excludes RADIUS attribute 53, Acct-Output-Gigawords.

Contents <name>—Excludes RADIUS attribute 53, Acct-Output-Gigawords.

- accounting-stop—RADIUS Accounting-Stop message.

<output-interface> (configuration/logical-systems/protocols/connections/p2mp-receive-switch)

Usage <configuration>
 <logical-systems>
 <protocols>
 <connections>
 <p2mp-receive-switch>
 <output-interface>
 <name>name</name> <!-- identifier -->
 </output-interface>
 </p2mp-receive-switch>
 </connections>
 </protocols>
 </logical-systems>
</configuration>

Description Next outgoing interface name.

Contents <name>—Interface name.

<output-interface> (configuration/protocols/connections/p2mp-receive-switch)

Usage <configuration>
 <protocols>
 <connections>
 <p2mp-receive-switch>
 <output-interface>
 <name>name</name> <!-- identifier -->
 </output-interface>
 </p2mp-receive-switch>
 </connections>
 </protocols>
 </configuration>

Description Next outgoing interface name.

Contents <name>—Interface name.

<output-list> (configuration/dynamic-profiles/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <ccc>
              <filter>
                <output-list>
                  <name>name</name>    <!-- identifier -->
                </output-list>
              </filter>
            </ccc>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/filter)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <filter>
                <output-list>
                  <name>name</name>    <!-- identifier -->
                </output-list>
              </filter>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet6/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/dynamic-profiles/interfaces/interface/unit/family/mpls/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </mpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/dynamic-profiles/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/ccc/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <ccc>
 <filter>
 <output-list>
 <name>*name*</name> <!-- identifier -->
 </output-list>
 </filter>
 </ccc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/inet/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <filter>
 <output-list>
 <name>*name*</name> <!-- identifier -->
 </output-list>
 </filter>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/inet6/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/mpls/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </mpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/logical-systems/interfaces/interface/unit/family/bridge/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <ccc>
              <filter>
                <output-list>
                  <name>name</name>    <!-- identifier -->
                </output-list>
              </filter>
            </ccc>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/logical-systems/interfaces/interface/unit/family/inet/filter)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <filter>
                <output-list>
                  <name>name</name>    <!-- identifier -->
                </output-list>
              </filter>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/logical-systems/interfaces/interface/unit/family/inet6/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/logical-systems/interfaces/interface/unit/family/mpls/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </mpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

<output-list> (configuration/logical-systems/interfaces/interface/unit/family/vpls/filter)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <filter>
 <output-list>
 <name>name</name> <!-- identifier -->
 </output-list>
 </filter>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description List of filter modules applied to transmitted packets .

Contents <name>—No documentation is available yet.

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

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

Description Output policer priority map.

Contents <classifier>—Use classifier as policer priority map.

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

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

Description Output policer priority map.

Contents <classifier>—Use classifier as policer priority map.

<output-traffic-control-profile> (configuration/ class-of-service/interfaces/interface)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <output-traffic-control-profile>
 <profile-name>profile-name</profile-name> <!-- mandatory -->
 </output-traffic-control-profile>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Output traffic control profile.

Contents <profile-name>—Name of the traffic control profile.

<output-traffic-control-profile> (configuration/ class-of-service/interfaces/interface/unit)

Usage	<pre> <configuration> <class-of-service> <interfaces> <interface> <unit> <output-traffic-control-profile> <profile-name>profile-name</profile-name> <!-- mandatory --> <shared-instance>shared-instance</shared-instance> </output-traffic-control-profile> </unit> </interface> </interfaces> </class-of-service> </configuration> </pre>
Description	Output traffic control profile.
Contents	<p><profile-name>—Name of the traffic control profile.</p> <p><shared-instance>—Name of the shared instance.</p>

<output-traffic-control-profile> (configuration/ class-of-service/interfaces/interface-set)

Usage	<pre> <configuration> <class-of-service> <interfaces> <interface-set> <output-traffic-control-profile> <profile-name>profile-name</profile-name> </output-traffic-control-profile> </interface-set> </interfaces> </class-of-service> </configuration> </pre>
Description	Output traffic control profile for the interface set.
Contents	<profile-name>—Name of the output traffic control profile associated with the interface set.

<output-traffic-control-profile> (configuration/ dynamic-profiles/class-of-service/interfaces/interface)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <output-traffic-control-profile>
 <profile-name>*profile-name*</profile-name> <!-- mandatory -->
 </output-traffic-control-profile>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Output traffic control profile.

Contents <profile-name>—Name of the traffic control profile.

<output-traffic-control-profile> (configuration/ dynamic-profiles/class-of-service/interfaces/interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <output-traffic-control-profile>
 <profile-name>*profile-name*</profile-name> <!-- mandatory -->
 <shared-instance>*shared-instance*</shared-instance>
 </output-traffic-control-profile>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Output traffic control profile.

Contents <profile-name>—Name of the traffic control profile.

<shared-instance>—Name of the shared instance.

<output-traffic-control-profile> (configuration/ dynamic-profiles/class-of-service/interfaces/interface-set)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface-set>
 <output-traffic-control-profile>
 <profile-name>*profile-name*</profile-name>
 </output-traffic-control-profile>
 </interface-set>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Output traffic control profile for the interface set.

Contents <profile-name>—Name of the output traffic control profile associated with the interface set.

<output-traffic-control-profile-remaining> (configuration/ class-of-service/interfaces/interface)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <output-traffic-control-profile-remaining>
 <profile-name>*profile-name*</profile-name> <!-- mandatory -->
 </output-traffic-control-profile-remaining>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Output traffic control profile for remaining traffic on the ifd.

Contents <profile-name>—Name of the traffic control profile.

<output-traffic-control-profile-remaining> (configuration/ class-of-service/interfaces/interface-set)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface-set>
 <output-traffic-control-profile-remaining>
 <profile-name>*profile-name*</profile-name>
 </output-traffic-control-profile-remaining>
 </interface-set>
 </interfaces>
 </class-of-service>
 </configuration>

Description Output traffic control profile for the remaining traffic on an interface set.

Contents <profile-name>—Name of the output traffic control profile associated with the remaining traffic for the interface set.

<output-traffic-control-profile-remaining> (configuration/ dynamic-profiles/class-of-service/interfaces/interface)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <output-traffic-control-profile-remaining>
 <profile-name>*profile-name*</profile-name> <!-- mandatory -->
 </output-traffic-control-profile-remaining>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Output traffic control profile for remaining traffic on the ifd.

Contents <profile-name>—Name of the traffic control profile.

<output-traffic-control-profile-remaining> (configuration/ dynamic-profiles/class-of-service/interfaces/interface-set)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface-set>
 <output-traffic-control-profile-remaining>
 <profile-name>*profile-name*</profile-name>
 </output-traffic-control-profile-remaining>
 </interface-set>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Output traffic control profile for the remaining traffic on an interface set.

Contents <profile-name>—Name of the output traffic control profile associated with the remaining traffic for the interface set.

<output-vlan-map> (configuration/dynamic-profiles/interfaces/ interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <output-vlan-map>
 <push/>
 <swap/>
 <pop/>
 <push-push/>
 <swap-push/>
 <swap-swap/>
 <pop-swap/>
 <pop-pop/>
 <tag-protocol-id>*tag-protocol-id*</tag-protocol-id>
 <inner-tag-protocol-id>*inner-tag-protocol-id*</inner-tag-protocol-id>
 <vlan-id>*vlan-id*</vlan-id>
 <inner-vlan-id>*inner-vlan-id*</inner-vlan-id>
 </output-vlan-map>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description VLAN map operation on output.

Contents <inner-tag-protocol-id>—IEEE 802.1q Tag Protocol ID to rewrite for inner tag.

<inner-vlan-id>—VLAN ID to rewrite for inner tag.

<pop>—Pop a VLAN tag.

<pop-pop>—Pop both outer and inner VLAN tags.

<pop-swap>—Pop outer VLAN tag and swap inner VLAN tag.

<push>—Push a VLAN tag.

<push-push>—Push two VLAN tags.

<swap>—Swap a VLAN tag.

<swap-push>—Swap VLAN tag and push a new VLAN tag.

<swap-swap>—Swap both outer and inner VLAN tags.

<tag-protocol-id>—IEEE 802.1q Tag Protocol Identifier to rewrite.

<vlan-id>—VLAN ID to rewrite.

<output-vlan-map> (configuration/interfaces/interface/unit)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <output-vlan-map>
 <push/>
 <swap/>
 <pop/>
 <push-push/>
 <swap-push/>
 <swap-swap/>
 <pop-swap/>
 <pop-pop/>
 <tag-protocol-id>*tag-protocol-id*</tag-protocol-id>
 <inner-tag-protocol-id>*inner-tag-protocol-id*</inner-tag-protocol-id>
 <vlan-id>*vlan-id*</vlan-id>
 <inner-vlan-id>*inner-vlan-id*</inner-vlan-id>
 </output-vlan-map>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description VLAN map operation on output.

Contents <inner-tag-protocol-id>—IEEE 802.1q Tag Protocol ID to rewrite for inner tag.

<inner-vlan-id>—VLAN ID to rewrite for inner tag.

<pop>—Pop a VLAN tag.

<pop-pop>—Pop both outer and inner VLAN tags.

<pop-swap>—Pop outer VLAN tag and swap inner VLAN tag.

<push>—Push a VLAN tag.

<push-push>—Push two VLAN tags.

<swap>—Swap a VLAN tag.

<swap-push>—Swap VLAN tag and push a new VLAN tag.

<swap-swap>—Swap both outer and inner VLAN tags.

<tag-protocol-id>—IEEE 802.1q Tag Protocol Identifier to rewrite.

<vlan-id>—VLAN ID to rewrite.

<output-vlan-map> (configuration/logical-systems/interfaces/interface/unit)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <output-vlan-map>
            <push/>
            <swap/>
            <pop/>
            <push-push/>
            <swap-push/>
            <swap-swap/>
            <pop-swap/>
            <pop-pop/>
            <tag-protocol-id>tag-protocol-id</tag-protocol-id>
            <inner-tag-protocol-id>inner-tag-protocol-id</inner-tag-protocol-id>
            <vlan-id>vlan-id</vlan-id>
            <inner-vlan-id>inner-vlan-id</inner-vlan-id>
          </output-vlan-map>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description VLAN map operation on output.

Contents <inner-tag-protocol-id>—IEEE 802.1q Tag Protocol ID to rewrite for inner tag.

<inner-vlan-id>—VLAN ID to rewrite for inner tag.

<pop>—Pop a VLAN tag.

<pop-pop>—Pop both outer and inner VLAN tags.

<pop-swap>—Pop outer VLAN tag and swap inner VLAN tag.

<push>—Push a VLAN tag.

<push-push>—Push two VLAN tags.

<swap>—Swap a VLAN tag.

<swap-push>—Swap VLAN tag and push a new VLAN tag.

<swap-swap>—Swap both outer and inner VLAN tags.

<tag-protocol-id>—IEEE 802.1q Tag Protocol Identifier to rewrite.

<vlan-id>—VLAN ID to rewrite.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <isis>
 <overload>
 <timeout>seconds</timeout>
 <advertise-high-metrics/>
 </overload>
 </isis>
 </protocols>
 </logical-systems>
 </configuration>

Description Set the overload bit (no transit traffic).

Contents <advertise-high-metrics>—Advertise high metrics instead of setting the overload bit.
 <timeout>—Time after which overload bit is reset.

<overload> (configuration/logical-systems/protocols/ospf)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf>
 </protocols>
 </logical-systems>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/logical-systems/protocols/ospf3)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/logical-systems/protocols/ospf3/realm)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <realm>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </realm>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <isis>
 <overload>
 <timeout>seconds</timeout>
 <advertise-high-metrics/>
 </overload>
 </isis>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Set the overload bit (no transit traffic).

Contents <advertise-high-metrics>—Advertise high metrics instead of setting the overload bit.
 <timeout>—Time after which overload bit is reset.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/logical-systems/routing-instances/instance/protocols/ospf3)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/logical-systems/routing-instances/instance/protocols/ospf3/realm)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/protocols/isis)

Usage	<pre> <configuration> <protocols> <isis> <overload> <timeout>seconds</timeout> <advertise-high-metrics/> </overload> </isis> </protocols> </configuration> </pre>
Description	Set the overload bit (no transit traffic).
Contents	<p><advertise-high-metrics>—Advertise high metrics instead of setting the overload bit.</p> <p><timeout>—Time after which overload bit is reset.</p>

<overload> (configuration/protocols/ospf)

Usage	<pre> <configuration> <protocols> <ospf> <overload> <timeout>seconds</timeout> </overload> </ospf> </protocols> </configuration> </pre>
Description	Set the overload mode (repel transit traffic).
Contents	<timeout>—Time after which overload mode is reset.

<overload> (configuration/protocols/ospf3)

Usage	<pre> <configuration> <protocols> <ospf3> <overload> <timeout>seconds</timeout> </overload> </ospf3> </protocols> </configuration> </pre>
Description	Set the overload mode (repel transit traffic).
Contents	<timeout>—Time after which overload mode is reset.

<overload> (configuration/protocols/ospf3/realm)

Usage <configuration>
 <protocols>
 <ospf3>
 <realm>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </realm>
 </ospf3>
 </protocols>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/routing-instances/instance/protocols/isis)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <isis>
 <overload>
 <timeout>seconds</timeout>
 <advertise-high-metrics/>
 </overload>
 </isis>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Set the overload bit (no transit traffic).

Contents <advertise-high-metrics>—Advertise high metrics instead of setting the overload bit.

 <timeout>—Time after which overload bit is reset.

<overload> (configuration/routing-instances/instance/protocols/ospf)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/routing-instances/instance/protocols/ospf3)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <overload>
 <timeout>seconds</timeout>
 </overload>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload> (configuration/routing-instances/instance/protocols/ospf3/realms)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <overload>
 <timeout>*seconds*</timeout>
 </overload>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Set the overload mode (repel transit traffic).

Contents <timeout>—Time after which overload mode is reset.

<overload-control> (configuration/services/pgcp/gateway)

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <overload-control>
 <queue-limit-percentage>*queue-limit-percentage*</queue-limit-percentage>
 </overload-control>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description No documentation is available yet.

Contents <queue-limit-percentage>—Overload control queue limit percentage.

<override-metric> (configuration/logical-systems/protocols/ospf/area/nssa/area-range)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf>
 </protocols>
 </logical-systems>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/logical-systems/protocols/ospf3/area/nssa/area-range)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/logical-systems/protocols/ospf3/realm/area/nssa/area-range)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/logical-systems/ routing-instances/instance/protocols/ospf/area/nssa/area-range)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/area/nssa/area-range)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <nssa>
                <area-range>
                  <override-metric>
                    <metric>metric</metric>    <!-- mandatory -->
                    <metric-type>metric-type</metric-type>
                  </override-metric>
                </area-range>
              </nssa>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

<metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/logical-systems/ routing-instances/instance/protocols/ospf3/realm/area/nssa/ area-range)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/protocols/ospf/area/nssa/area-range)

Usage <configuration>
 <protocols>
 <ospf>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf>
 </protocols>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

<metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/protocols/ospf3/area/nssa/area-range)

Usage <configuration>
 <protocols>
 <ospf3>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf3>
 </protocols>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

<metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/protocols/ospf3/realm/area/nssa/area-range)

Usage <configuration>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </realm>
</ospf3>
</protocols>
</configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/routing-instances/instance/protocols/ospf/area/nssa/area-range)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <nssa>
              <area-range>
                <override-metric>
                  <metric>metric</metric>    <!-- mandatory -->
                  <metric-type>metric-type</metric-type>
                </override-metric>
              </area-range>
            </nssa>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

<metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/routing-instances/instance/protocols/ospf3/area/nssa/area-range)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <area>
 <nssa>
 <area-range>
 <override-metric>
 <metric>*metric*</metric> <!-- mandatory -->
 <metric-type>*metric-type*</metric-type>
 </override-metric>
 </area-range>
 </nssa>
 </area>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

 <metric-type>—Set the metric type for the override metric.

<override-metric> (configuration/routing-instances/instance/protocols/ospf3/realm/area/nssa/area-range)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <nssa>
                <area-range>
                  <override-metric>
                    <metric>metric</metric>    <!-- mandatory -->
                    <metric-type>metric-type</metric-type>
                  </override-metric>
                </area-range>
              </nssa>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Override the dynamic metric for this area-range.

Contents <metric>—Metric value.

<metric-type>—Set the metric type for the override metric.

<overrides> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.

 <always-write-option-82>—Overwrite existing value of option 82, when present.

 <disable-relay>—Disable DHCP relay processing.

 <interface-client-limit>—Limit the number of client allowed on an interface.

 <layer2-unicast-replies>—Do not broadcast client responses.

 <no-arp>—Disable DHCP ARP table population.

 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/forwarding-options/dhcp-relay)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/logical-systems/forwarding-options/dhcp-relay)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/logical-systems/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.

 <always-write-option-82>—Overwrite existing value of option 82, when present.

 <disable-relay>—Disable DHCP relay processing.

 <interface-client-limit>—Limit the number of client allowed on an interface.

 <layer2-unicast-replies>—Do not broadcast client responses.

 <no-arp>—Disable DHCP ARP table population.

 <trust-option-82>—Trust options-82 option.

<overrides> (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>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>interface-client-limit</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (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>
                  <overrides>
                    <always-write-giaddr/>
                    <always-write-option-82/>
                    <layer2-unicast-replies/>
                    <trust-option-82/>
                    <disable-relay/>
                    <interface-client-limit>interface-client-limit
                  </interface-client-limit>
                    <no-arp/>
                  </overrides>
                </group>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description DHCP override processing.

Contents

- <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
- <always-write-option-82>—Overwrite existing value of option 82, when present.
- <disable-relay>—Disable DHCP relay processing.
- <interface-client-limit>—Limit the number of client allowed on an interface.
- <layer2-unicast-replies>—Do not broadcast client responses.
- <no-arp>—Disable DHCP ARP table population.
- <trust-option-82>—Trust options-82 option.

<overrides> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
 <always-write-option-82>—Overwrite existing value of option 82, when present.
 <disable-relay>—Disable DHCP relay processing.
 <interface-client-limit>—Limit the number of client allowed on an interface.
 <layer2-unicast-replies>—Do not broadcast client responses.
 <no-arp>—Disable DHCP ARP table population.
 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/group)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <dhcp-relay>
            <group>
              <overrides>
                <always-write-giaddr/>
                <always-write-option-82/>
                <layer2-unicast-replies/>
                <trust-option-82/>
                <disable-relay/>
                <interface-client-limit>interface-client-limit</interface-client-limit>
                <no-arp/>
              </overrides>
            </group>
          </dhcp-relay>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description DHCP override processing.

Contents

- <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
- <always-write-option-82>—Overwrite existing value of option 82, when present.
- <disable-relay>—Disable DHCP relay processing.
- <interface-client-limit>—Limit the number of client allowed on an interface.
- <layer2-unicast-replies>—Do not broadcast client responses.
- <no-arp>—Disable DHCP ARP table population.
- <trust-option-82>—Trust options-82 option.

<overrides> (configuration/logical-systems/routing-instances/instance/system/services/dhcp-local-server)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <system>
 <services>
 <dhcp-local-server>
 <overrides>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-local-server>
 </services>
 </system>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description DHCP override processing.

Contents <interface-client-limit>—Limit the number of clients allowed on an interface.

 <no-arp>—Disable DHCP ARP table population.

<overrides> (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>
                <overrides>
                  <interface-client-limit>interface-client-limit</interface-client-limit>
                  <no-arp/>
                </overrides>
              </group>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description DHCP override processing.

Contents <interface-client-limit>—Limit the number of clients allowed on an interface.

<no-arp>—Disable DHCP ARP table population.

<overrides> (configuration/logical-systems/system/services/dhcp-local-server)

Usage

```

<configuration>
  <logical-systems>
    <system>
      <services>
        <dhcp-local-server>
          <overrides>
            <interface-client-limit>interface-client-limit</interface-client-limit>
            <no-arp/>
          </overrides>
        </dhcp-local-server>
      </services>
    </system>
  </logical-systems>
</configuration>

```

Description DHCP override processing.

Contents <interface-client-limit>—Limit the number of clients allowed on an interface.

<no-arp>—Disable DHCP ARP table population.

<overrides> (configuration/logical-systems/system/services/dhcp-local-server/group)

Usage <configuration>
 <logical-systems>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <overrides>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-local-server>
 </services>
 </system>
 </logical-systems>
 </configuration>

Description DHCP override processing.

Contents <interface-client-limit>—Limit the number of clients allowed on an interface.
 <no-arp>—Disable DHCP ARP table population.

<overrides> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <overrides>
                <always-write-giaddr/>
                <always-write-option-82/>
                <layer2-unicast-replies/>
                <trust-option-82/>
                <disable-relay/>
                <interface-client-limit>interface-client-limit</interface-client-limit>
                <no-arp/>
              </overrides>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>

```

Description DHCP override processing.

Contents

- <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.
- <always-write-option-82>—Overwrite existing value of option 82, when present.
- <disable-relay>—Disable DHCP relay processing.
- <interface-client-limit>—Limit the number of client allowed on an interface.
- <layer2-unicast-replies>—Do not broadcast client responses.
- <no-arp>—Disable DHCP ARP table population.
- <trust-option-82>—Trust options-82 option.

<overrides> (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>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>interface-client-limit</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description DHCP override processing.

Contents <always-write-giaddr>—Overwrite existing 'giaddr' field, when present.

 <always-write-option-82>—Overwrite existing value of option 82, when present.

 <disable-relay>—Disable DHCP relay processing.

 <interface-client-limit>—Limit the number of client allowed on an interface.

 <layer2-unicast-replies>—Do not broadcast client responses.

 <no-arp>—Disable DHCP ARP table population.

 <trust-option-82>—Trust options-82 option.

<overrides> (configuration/routing-instances/instance/forwarding-options/dhcp-relay)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

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<overrides> (configuration/routing-instances/instance/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <overrides>
 <always-write-giaddr/>
 <always-write-option-82/>
 <layer2-unicast-replies/>
 <trust-option-82/>
 <disable-relay/>
 <interface-client-limit>*interface-client-limit*</interface-client-limit>
 <no-arp/>
 </overrides>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

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<overrides> (configuration/routing-instances/instance/system/services/dhcp-local-server)

Usage	<pre> <configuration> <routing-instances> <instance> <system> <services> <dhcp-local-server> <overrides> <interface-client-limit>interface-client-limit</interface-client-limit> <no-arp/> </overrides> </dhcp-local-server> </services> </system> </instance> </routing-instances> </configuration> </pre>
Description	DHCP override processing.
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<overrides> (configuration/routing-instances/instance/system/services/dhcp-local-server/group)

Usage	<pre> <configuration> <routing-instances> <instance> <system> <services> <dhcp-local-server> <group> <overrides> <interface-client-limit>interface-client-limit</interface-client-limit> <no-arp/> </overrides> </group> </dhcp-local-server> </services> </system> </instance> </routing-instances> </configuration> </pre>
Description	DHCP override processing.
Contents	<p><interface-client-limit>—Limit the number of clients allowed on an interface.</p> <p><no-arp>—Disable DHCP ARP table population.</p>

<overrides> (configuration/system/services/dhcp-local-server)

- Usage** `<configuration>`
 `<system>`
 `<services>`
 `<dhcp-local-server>`
 <overrides>
 `<interface-client-limit>`*interface-client-limit*`</interface-client-limit>`
 `<no-arp/>`
 </overrides>
 `</dhcp-local-server>`
 `</services>`
 `</system>`
`</configuration>`
- Description** DHCP override processing.
- Contents** `<interface-client-limit>`—Limit the number of clients allowed on an interface.
 `<no-arp>`—Disable DHCP ARP table population.

<overrides> (configuration/system/services/dhcp-local-server/group)

- Usage** `<configuration>`
 `<system>`
 `<services>`
 `<dhcp-local-server>`
 `<group>`
 <overrides>
 `<interface-client-limit>`*interface-client-limit*`</interface-client-limit>`
 `<no-arp/>`
 </overrides>
 `</group>`
 `</dhcp-local-server>`
 `</services>`
 `</system>`
`</configuration>`
- Description** DHCP override processing.
- Contents** `<interface-client-limit>`—Limit the number of clients allowed on an interface.
 `<no-arp>`—Disable DHCP ARP table population.

