

Chapter 16

Tag Elements Beginning with P

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

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



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

<p-cscf> (configuration/services/ggsn/apn)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <p-cscf>
 <server>...</server>
 <filtering-server>...</filtering-server>
 <no-general-purpose/>
 <no-dedicated-signaling/>
 <no-general-signaling-indication/>
 <no-dedicated-signaling-indication/>
 <address-format>*address-format-choice*</address-format>
 </p-cscf>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description P-CSCF settings.

Contents <address-format>—Settings for address format in GTP response.

- no-ipv4—Don't send ipv4 address.
- no-ipv4-compatible-ipv6—Don't send ipv4 address compatible ipv6 address.

<filtering-server>—IPv4 P-CSCF filtering server.

<no-dedicated-signaling>—No dedicated signaling contexts allowed.

<no-dedicated-signaling-indication>—No signaling indication for dedicated signaling contexts allowed.

<no-general-purpose>—No general purpose contexts allowed.

<no-general-signaling-indication>—No signaling indication for general purpose contexts allowed.

<server>—IPv4 or IPv6 P-CSCF server.

<p2mp> (configuration/logical-systems/protocols/mpls/label-switched-path)

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <p2mp>
 <path_name>*path_name*</path_name>
 </p2mp>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Point-to-multipoint label-switched path.

Contents <path_name>—Name of point-to-multipoint LSP.

<p2mp> (configuration/protocols/mpls/label-switched-path)

Usage <configuration>
 <protocols>
 <mpls>
 <label-switched-path>
 <p2mp>
 <path_name>*path_name*</path_name>
 </p2mp>
 </label-switched-path>
 </mpls>
 </protocols>
 </configuration>

Description Point-to-multipoint label-switched path.

Contents <path_name>—Name of point-to-multipoint LSP.

<p2mp-lsp-next-hop> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/iso-route)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <rib>
            <static>
              <iso-route>
                <p2mp-lsp-next-hop>
                  <name>name</name>    <!-- identifier -->
                  <preference>preference</preference>
                  <metric>metric</metric>
                </p2mp-lsp-next-hop>
              </iso-route>
            </static>
          </rib>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/logical-systems/ routing-instances/instance/routing-options/rib/static/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/logical-systems/ routing-instances/instance/routing-options/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

**<p2mp-lsp-next-hop> (configuration/logical-systems/
routing-instances/instance/routing-options/static/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Point-to-multipoint LSP next hop.

- Contents** <metric>—Metric of LSP next hop.
- <name>—LSP to use to reach destination.
- <preference>—Preference of LSP next hop.

**<p2mp-lsp-next-hop> (configuration/logical-systems/
routing-options/rib/static/iso-route)**

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/logical-systems/ routing-options/rib/static/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </rib>
 </routing-options>
 </logical-systems>
</configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/logical-systems/routing-options/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/logical-systems/routing-options/static/route)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/routing-instances/instance/ routing-options/rib/static/iso-route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

**<p2mp-lsp-next-hop> (configuration/routing-instances/instance/
routing-options/rib/static/route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

<name>—LSP to use to reach destination.

<preference>—Preference of LSP next hop.

**<p2mp-lsp-next-hop> (configuration/routing-instances/instance/
routing-options/static/iso-route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Point-to-multipoint LSP next hop.

- Contents** <metric>—Metric of LSP next hop.
- <name>—LSP to use to reach destination.
- <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/routing-instances/instance/routing-options/static/route)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/routing-options/rib/static/iso-route)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/routing-options/rib/static/route)

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <route>
 <p2mp-lsp-next-hop>
 <name>*name*</name> <!-- identifier -->
 <preference>*preference*</preference>
 <metric>*metric*</metric>
 </p2mp-lsp-next-hop>
 </route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description Point-to-multipoint LSP next hop.

Contents <metric>—Metric of LSP next hop.

 <name>—LSP to use to reach destination.

 <preference>—Preference of LSP next hop.

<p2mp-lsp-next-hop> (configuration/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-options> <static> <iso-route> <p2mp-lsp-next-hop> <name>name</name> <!-- identifier --> <preference>preference</preference> <metric>metric</metric> </p2mp-lsp-next-hop> </iso-route> </static> </routing-options> </configuration> </pre>
Description	Point-to-multipoint LSP next hop.
Contents	<p><metric>—Metric of LSP next hop.</p> <p><name>—LSP to use to reach destination.</p> <p><preference>—Preference of LSP next hop.</p>

<p2mp-lsp-next-hop> (configuration/routing-options/static/route)

Usage	<pre> <configuration> <routing-options> <static> <route> <p2mp-lsp-next-hop> <name>name</name> <!-- identifier --> <preference>preference</preference> <metric>metric</metric> </p2mp-lsp-next-hop> </route> </static> </routing-options> </configuration> </pre>
Description	Point-to-multipoint LSP next hop.
Contents	<p><metric>—Metric of LSP next hop.</p> <p><name>—LSP to use to reach destination.</p> <p><preference>—Preference of LSP next hop.</p>

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

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

Description Point-to-multipoint LSP to local interfaces switch.

Contents <name>—Point-to-multipoint switch name on which to receive.

<output-interface>—Next outgoing interface name.

<receive-p2mp-lsp>—Point-to-multipoint LSP name on which to receive.

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

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

Description Point-to-multipoint LSP to local interfaces switch.

Contents <name>—Point-to-multipoint switch name on which to receive.

<output-interface>—Next outgoing interface name.

<receive-p2mp-lsp>—Point-to-multipoint LSP name on which to receive.

<p2mp-transmit-switch> (configuration/logical-systems/protocols/connections)

Usage <configuration>
 <logical-systems>
 <protocols>
 <connections>
 <p2mp-transmit-switch>
 <name>*name*</name> <!-- identifier -->
 <input-interface>*input-interface*</input-interface> <!-- mandatory -->
 <transmit-p2mp-lsp>*transmit-p2mp-lsp*
 </transmit-p2mp-lsp> <!-- mandatory -->
 </p2mp-transmit-switch>
 </connections>
 </protocols>
 </logical-systems>
 </configuration>

Description Local interface to point-to-multipoint LSP switch.

Contents <input-interface>—Input interface name.

<name>—Point-to-multipoint switch name on which to transmit.

<transmit-p2mp-lsp>—Point-to-multipoint LSP name on which to transmit.

<p2mp-transmit-switch> (configuration/protocols/connections)

Usage <configuration>
 <protocols>
 <connections>
 <p2mp-transmit-switch>
 <name>*name*</name> <!-- identifier -->
 <input-interface>*input-interface*</input-interface> <!-- mandatory -->
 <transmit-p2mp-lsp>*transmit-p2mp-lsp*
 </transmit-p2mp-lsp> <!-- mandatory -->
 </p2mp-transmit-switch>
 </connections>
 </protocols>
 </configuration>

Description Local interface to point-to-multipoint LSP switch.

Contents <input-interface>—Input interface name.

<name>—Point-to-multipoint switch name on which to transmit.

<transmit-p2mp-lsp>—Point-to-multipoint LSP name on which to transmit.

<package> (configuration/chassis/fpc/pic/adaptive-services/ service-package/extension-provider)

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <adaptive-services>
 <service-package>
 <extension-provider>
 <package>
 <name>name</name> <!-- identifier -->
 </package>
 </extension-provider>
 </service-package>
 </adaptive-services>
 </pic>
 </fpc>
 </chassis>
</configuration>

Description Extension provider package to run on the PIC.

Contents <name>—No documentation is available yet.

<package> (configuration/chassis/lcc/fpc/pic/adaptive-services/ service-package/extension-provider)

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <adaptive-services>
 <service-package>
 <extension-provider>
 <package>
 <name>name</name> <!-- identifier -->
 </package>
 </extension-provider>
 </service-package>
 </adaptive-services>
 </pic>
 </fpc>
 </lcc>
 </chassis>
</configuration>

Description Extension provider package to run on the PIC.

Contents <name>—No documentation is available yet.

<packet-capture> (configuration/forwarding-options)

Usage	<pre> <configuration> <forwarding-options> <packet-capture> <disable/> <file>...</file> <maximum-capture-size>bytes</maximum-capture-size> </packet-capture> </forwarding-options> </configuration> </pre>
Description	Packet capture options.
Contents	<p><disable>—Disable packet-capture.</p> <p><file>—Parameters for file that contains captured packets.</p> <p><maximum-capture-size>—Maximum packet size to capture.</p>

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

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <forwarding-options> <packet-capture> <disable/> <file>...</file> <maximum-capture-size>bytes</maximum-capture-size> </packet-capture> </forwarding-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Packet capture options.
Contents	<p><disable>—Disable packet-capture.</p> <p><file>—Parameters for file that contains captured packets.</p> <p><maximum-capture-size>—Maximum packet size to capture.</p>

<packet-capture> (configuration/routing-instances/instance/forwarding-options)

Usage	<pre> <configuration> <routing-instances> <instance> <forwarding-options> <packet-capture> <disable/> <file>...</file> <maximum-capture-size>bytes</maximum-capture-size> </packet-capture> </forwarding-options> </instance> </routing-instances> </configuration> </pre>
Description	Packet capture options.
Contents	<p><disable>—Disable packet-capture.</p> <p><file>—Parameters for file that contains captured packets.</p> <p><maximum-capture-size>—Maximum packet size to capture.</p>

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

Usage	<pre> <configuration> <services> <ggsn> <apn> <service-based-charging> <packet-inspection> <no-inspection>...</no-inspection> </packet-inspection> </service-based-charging> </apn> </ggsn> </services> </configuration> </pre>
Description	Packet inspection settings.
Contents	<no-inspection>—Service classification without packet inspection.

<packet-length> (configuration/firewall/family/any/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <any>
 <filter>
 <term>
 <from>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </from>
 </term>
 </filter>
 </any>
 </family>
 </firewall>
 </configuration>

Description Match packet length.

Contents <name>—Range of values.

<packet-length> (configuration/firewall/family/inet/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match packet length.

Contents <name>—Range of values.

<packet-length> (configuration/firewall/family/inet6/filter/term/from)

Usage	<pre> <configuration> <firewall> <family> <inet6> <filter> <term> <from> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </from> </term> </filter> </inet6> </family> </firewall> </configuration> </pre>
Description	Match packet length.
Contents	<name>—Range of values.

<packet-length> (configuration/firewall/filter/term/from)

Usage	<pre> <configuration> <firewall> <filter> <term> <from> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </from> </term> </filter> </firewall> </configuration> </pre>
Description	Match packet length.
Contents	<name>—Range of values.

<packet-length> (configuration/logical-systems/firewall/family/any/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <any>
 <filter>
 <term>
 <from>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </from>
 </term>
 </filter>
 </any>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match packet length.

Contents <name>—Range of values.

<packet-length> (configuration/logical-systems/firewall/family/inet/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match packet length.

Contents <name>—Range of values.

<packet-length> (configuration/logical-systems/firewall/family/inet6/filter/term/from)

Usage	<pre><configuration> <logical-systems> <firewall> <family> <inet6> <filter> <term> <from> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </from> </term> </filter> </inet6> </family> </firewall> </logical-systems> </configuration></pre>
Description	Match packet length.
Contents	<name>—Range of values.

<packet-length> (configuration/logical-systems/firewall/filter/term/from)

Usage	<pre><configuration> <logical-systems> <firewall> <filter> <term> <from> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </from> </term> </filter> </firewall> </logical-systems> </configuration></pre>
Description	Match packet length.
Contents	<name>—Range of values.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <route>
 <match>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </match>
 </route>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Packet length.

Contents <name>—Packet length.

<packet-length> (configuration/logical-systems/routing-options/flow/route/match)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <flow>
 <route>
 <match>
 <packet-length>
 <name>name</name> <!-- identifier -->
 </packet-length>
 </match>
 </route>
 </flow>
 </routing-options>
 </logical-systems>
 </configuration>

Description Packet length.

Contents <name>—Packet length.

**<packet-length> (configuration/routing-instances/instance/
routing-options/flow/route/match)**

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <flow> <route> <match> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </match> </route> </flow> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Packet length.
Contents	<name>—Packet length.

<packet-length> (configuration/routing-options/flow/route/match)

Usage	<pre><configuration> <routing-options> <flow> <route> <match> <packet-length> <name>name</name> <!-- identifier --> </packet-length> </match> </route> </flow> </routing-options> </configuration></pre>
Description	Packet length.
Contents	<name>—Packet length.

<packet-length-except> (configuration/firewall/family/any/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <any>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>*name*</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </any>
 </family>
 </firewall>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

<packet-length-except> (configuration/firewall/family/inet/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>*name*</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

<packet-length-except> (configuration/firewall/family/inet6/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>*name*</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

<packet-length-except> (configuration/firewall/filter/term/from)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>*name*</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

<packet-length-except> (configuration/logical-systems/firewall/family/any/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <any>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>name</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </any>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>name</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match packet length.

Contents <name>—Range of values.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>name</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </logical-systems>
</configuration>

Description Do not match packet length.

Contents <name>—Range of values.

<packet-length-except> (configuration/logical-systems/firewall/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <packet-length-except>
 <name>name</name> <!-- identifier -->
 </packet-length-except>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
</configuration>

Description Do not match packet length.

Contents <name>—Range of values.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <ppp-options>
          <pap>
            <access-profile>access-profile</access-profile>
            <default-password>default-password</default-password>
            <local-name>local-name</local-name>
            <local-password>local-password</local-password>    <!-- mandatory -->
            <passive/>
          </pap>
        </ppp-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Password Authentication Protocol options.

Contents

- <access-profile>—Profile containing client list and access parameters.
- <default-password>—Default PAP password used in the absence of matching profile.
- <local-name>—Name sent in PAP request packet.
- <local-password>—Password sent in PAP request packet.
- <passive>—Handle incoming PAP requests only.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <pap>
 <access-profile>*access-profile*</access-profile>
 <default-password>*default-password*</default-password>
 <local-name>*local-name*</local-name>
 <local-password>*local-password*</local-password> <!-- mandatory -->
 <passive/>
 </pap>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Password Authentication Protocol options.

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

 <default-password>—Default PAP password used in the absence of matching profile.

 <local-name>—Name sent in PAP request packet.

 <local-password>—Password sent in PAP request packet.

 <passive>—Handle incoming PAP requests only.

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

Usage <configuration>
 <interfaces>
 <interface>
 <ppp-options>
 <pap>
 <access-profile>*access-profile*</access-profile>
 <default-password>*default-password*</default-password>
 <local-name>*local-name*</local-name>
 <local-password>*local-password*</local-password> <!-- mandatory -->
 <passive/>
 </pap>
 </ppp-options>
 </interface>
 </interfaces>
 </configuration>

Description Password Authentication Protocol options.

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

 <default-password>—Default PAP password used in the absence of matching profile.

 <local-name>—Name sent in PAP request packet.

 <local-password>—Password sent in PAP request packet.

 <passive>—Handle incoming PAP requests only.

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

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <pap>
 <access-profile>*access-profile*</access-profile>
 <default-password>*default-password*</default-password>
 <local-name>*local-name*</local-name>
 <local-password>*local-password*</local-password> <!-- mandatory -->
 <passive/>
 </pap>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Password Authentication Protocol options.

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

<default-password>—Default PAP password used in the absence of matching profile.

<local-name>—Name sent in PAP request packet.

<local-password>—Password sent in PAP request packet.

<passive>—Handle incoming PAP requests only.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <ppp-options>
            <pap>
              <access-profile>access-profile</access-profile>
              <default-password>default-password</default-password>
              <local-name>local-name</local-name>
              <local-password>local-password</local-password>    <!-- mandatory -->
              <passive/>
            </pap>
          </ppp-options>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Password Authentication Protocol options.

Contents

- <access-profile>—Profile containing client list and access parameters.
- <default-password>—Default PAP password used in the absence of matching profile.
- <local-name>—Name sent in PAP request packet.
- <local-password>—Password sent in PAP request packet.
- <passive>—Handle incoming PAP requests only.

<parameters> (configuration/snmp/v3/target-parameters)

Usage <configuration>
 <snmp>
 <v3>
 <target-parameters>
 <parameters>
 <message-processing-model>*message-processing-model-choice*</
 message-processing-model> <!-- mandatory -->
 <security-model>*security-model-choice*
 </security-model> <!-- mandatory -->
 <security-level>*security-level-choice*</security-level> <!-- mandatory -->
 <security-name>*security-name*</security-name> <!-- mandatory -->
 </parameters>
 </target-parameters>
 </v3>
 </snmp>
 </configuration>

Description Parameters used when sending notifications.

Contents <message-processing-model>—The message processing model to be used when generating SNMP notifications.

- v1—SNMPv1 model.
- v2c—SNMPv2c model.
- v3—SNMPv3 model.

<security-level>—Security-level used when generating SNMP notifications.

- authentication—Authentication (authNoPriv).
- none—None (noAuthNoPriv).
- privacy—Privacy and authentication (authPriv).

<security-model>—Security-model used when generating SNMP notifications.

- usm—User-based security model.
- v1—SNMPv1 model.
- v2c—SNMPv2c model.

<security-name>—Security name used when generating SNMP notifications.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <partition>
 <name>*name*</name> <!-- identifier -->
 <oc-slice>*oc-slice*</oc-slice>
 <timeslots>*timeslots*</timeslots>
 <interface-type>*interface-type-choice*</interface-type> <!-- mandatory -->
 </partition>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Channelized interface partition.

Contents <interface-type>—Sublevel interface type.

- bc—B channel interface.
- cau4—Channelized AU4 interface.
- ce1—Channelized E1 interface.
- coc1—Channelized OC1 interface.
- ct1—Channelized T1 interface.
- ct3—Channelized T3 interface.
- dc—D channel interface.
- ds—DS0 interface.
- e1—E1 interface.
- e3—E3 interface.
- so—SONET interface.
- t1—T1 interface.
- t3—T3 interface.

<name>—Sublevel interface partition index (for example, 1, 3-4).

<oc-slice>—Range of SONET/SDH slices (for example, 1, 7-9).

<timeslots>—Timeslots [(1..24) for T1, (1..31) for E1]; for example, 1-3,4,9,22-24 (no spaces).

<partition> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <partition>
 <name>*name*</name> <!-- identifier -->
 <oc-slice>*oc-slice*</oc-slice>
 <timeslots>*timeslots*</timeslots>
 <interface-type>*interface-type-choice*</interface-type> <!-- mandatory -->
 </partition>
 </interface>
 </interfaces>
 </configuration>

Description Channelized interface partition.

Contents <interface-type>—Sublevel interface type.

- bc—B channel interface.
- cau4—Channelized AU4 interface.
- ce1—Channelized E1 interface.
- coc1—Channelized OC1 interface.
- ct1—Channelized T1 interface.
- ct3—Channelized T3 interface.
- dc—D channel interface.
- ds—DS0 interface.
- e1—E1 interface.
- e3—E3 interface.
- so—SONET interface.
- t1—T1 interface.
- t3—T3 interface.

<name>—Sublevel interface partition index (for example, 1, 3-4).

<oc-slice>—Range of SONET/SDH slices (for example, 1, 7-9).

<timeslots>—Timeslots [(1..24) for T1, (1..31) for E1]; for example, 1-3,4,9,22-24 (no spaces).

<pass-through-pending-authorization> (configuration/services/ggsn/rule-space)

Usage	<pre> <configuration> <services> <ggsn> <rule-space> <pass-through-pending-authorization> <service-identifiers>...</service-identifiers> <pass-through-limit>pass-through-limit</pass-through-limit> </pass-through-pending-authorization> </rule-space> </ggsn> </services> </configuration> </pre>
Description	Settings for passing through packets pending authorization.
Contents	<p><pass-through-limit>—Maximum number of packets to pass through.</p> <p><service-identifiers>—List of service identifiers for which limited payload will pass while waiting for credit.</p>

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

Usage	<pre> <configuration> <logical-systems> <protocols> <ospf> <area> <interface> <passive> <traffic-engineering>...</traffic-engineering> </passive> </interface> </area> </ospf> </protocols> </logical-systems> </configuration> </pre>
Description	Do not run OSPF, but advertise it.
Contents	<traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <area>
 <interface>
<passive>
 <traffic-engineering>...</traffic-engineering>
</passive>
 </interface>
 </area>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <interface>
<passive>
 <traffic-engineering>...</traffic-engineering>
</passive>
 </interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </logical-systems>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf>
            <area>
              <interface>
                <passive>
                  <traffic-engineering>...</traffic-engineering>
                </passive>
              </interface>
            </area>
          </ospf>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <interface>
                <passive>
                  <traffic-engineering>...</traffic-engineering>
                </passive>
              </interface>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

<passive> (configuration/protocols/ospf/area/interface)

Usage <configuration>
 <protocols>
 <ospf>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </ospf>
 </protocols>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

<passive> (configuration/protocols/ospf3/area/interface)

Usage <configuration>
 <protocols>
 <ospf3>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </ospf3>
 </protocols>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

<passive> (configuration/protocols/ospf3/realm/area/interface)

Usage <configuration>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
</configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </ospf>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <interface>
 <passive>
 <traffic-engineering>...</traffic-engineering>
 </passive>
 </interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Do not run OSPF, but advertise it.

Contents <traffic-engineering>—Advertise TE link information.

<password> (configuration/system/login)

Usage <configuration>
 <system>
 <login>
 <password>
 <minimum-length>*minimum-length*</minimum-length>
 <maximum-length>*maximum-length*</maximum-length>
 <change-type>*change-type-choice*</change-type>
 <minimum-changes>*minimum-changes*</minimum-changes>
 <format>*format-choice*</format>
 </password>
 </login>
 </system>
 </configuration>

Description Password configuration.

Contents <change-type>—Password change type.

- character-sets—Count number of character type.
- set-transitions—Count changes in character type.

<format>—Encryption method to use for password.

- des—Digital Encryption Standard.
- md5—Message Digest 5.
- sha1—Secure Hash Algorithm 1.

<maximum-length>—Maximum password length for all users.

<minimum-changes>—Minimum number of changes in password.

<minimum-length>—Minimum password length for all users.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <path>
 <name>*name*</name> <!-- identifier -->
 <path-list>...</path-list>
 </path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Route of a label-switched path.

Contents <name>—Name of label-switched path.

 <path-list>—List of routers in the label-switched path.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <static-path>
 <path>
 <name>*name*</name> <!-- identifier -->
 <next-hop>*next-hop*</next-hop> <!-- mandatory -->
 <push>*push*</push>
 <double-push-bottom>*double-push-bottom*</double-push-bottom>
 <double-push-top>*double-push-top*</double-push-top>
 <triple-push-bottom>*triple-push-bottom*</triple-push-bottom>
 <triple-push-middle>*triple-push-middle*</triple-push-middle>
 <triple-push-top>*triple-push-top*</triple-push-top>
 <preference>*preference*</preference>
 <class-of-service>*class-of-service*</class-of-service>
 </path>
 </static-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Name of static label-switched path.

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

<double-push-bottom>—First (bottom) label value to push.

<double-push-top>—Second (top) label value to push.

<name>—Destination prefix.

<next-hop>—Next hop to destination.

<preference>—Preference value.

<push>—Label to push.

<triple-push-bottom>—First (bottom) label value to push.

<triple-push-middle>—Second (middle) label value to push.

<triple-push-top>—Third (top) label value to push.

<path> (configuration/logical-systems/protocols/rsvp/interface/link-protection)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rsvp>
 <interface>
 <link-protection>
 <path>
 <name>name</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path>
 </link-protection>
 </interface>
 </rsvp>
 </protocols>
 </logical-systems>
 </configuration>

Description Explicit route of bypass path.

Contents <loose>—Next hop might not be adjacent.

 <name>—Address of next system in path.

 <strict>—Next hop must be adjacent.

<path> (configuration/logical-systems/protocols/rsvp/interface/link-protection/bypass)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rsvp>
 <interface>
 <link-protection>
 <bypass>
 <path>
 <name>*name*</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path>
 </bypass>
 </link-protection>
 </interface>
 </rsvp>
 </protocols>
 </logical-systems>
 </configuration>

Description Explicit route of bypass path.

Contents <loose>—Next hop might not be adjacent.

<name>—Address of next system in path.

<strict>—Next hop must be adjacent.

<path> (configuration/protocols/mps)

Usage <configuration>
 <protocols>
 <mps>
 <path>
 <name>*name*</name> <!-- identifier -->
 <path-list>...</path-list>
 </path>
 </mps>
 </protocols>
 </configuration>

Description Route of a label-switched path.

Contents <name>—Name of label-switched path.

<path-list>—List of routers in the label-switched path.

<path> (configuration/protocols/mpls/static-path)

Usage <configuration>
 <protocols>
 <mpls>
 <static-path>
 <path>
 <name>*name*</name> <!-- identifier -->
 <next-hop>*next-hop*</next-hop> <!-- mandatory -->
 <push>*push*</push>
 <double-push-bottom>*double-push-bottom*</double-push-bottom>
 <double-push-top>*double-push-top*</double-push-top>
 <triple-push-bottom>*triple-push-bottom*</triple-push-bottom>
 <triple-push-middle>*triple-push-middle*</triple-push-middle>
 <triple-push-top>*triple-push-top*</triple-push-top>
 <preference>*preference*</preference>
 <class-of-service>*class-of-service*</class-of-service>
 </path>
 </static-path>
 </mpls>
 </protocols>
 </configuration>

Description Name of static label-switched path.

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

<double-push-bottom>—First (bottom) label value to push.

<double-push-top>—Second (top) label value to push.

<name>—Destination prefix.

<next-hop>—Next hop to destination.

<preference>—Preference value.

<push>—Label to push.

<triple-push-bottom>—First (bottom) label value to push.

<triple-push-middle>—Second (middle) label value to push.

<triple-push-top>—Third (top) label value to push.

<path> (configuration/protocols/rsvp/interface/link-protection)

Usage <configuration>
 <protocols>
 <rsvp>
 <interface>
 <link-protection>
 <path>
 <name>*name*</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path>
 </link-protection>
 </interface>
 </rsvp>
 </protocols>
 </configuration>

Description Explicit route of bypass path.

Contents <loose>—Next hop might not be adjacent.

<name>—Address of next system in path.

<strict>—Next hop must be adjacent.

<path> (configuration/protocols/rsvp/interface/link-protection/bypass)

Usage <configuration>
 <protocols>
 <rsvp>
 <interface>
 <link-protection>
 <bypass>
 <path>
 <name>name</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path>
 </bypass>
 </link-protection>
 </interface>
 </rsvp>
 </protocols>
 </configuration>

Description Explicit route of bypass path.

Contents <loose>—Next hop might not be adjacent.

 <name>—Address of next system in path.

 <strict>—Next hop must be adjacent.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <path>
 <path-list>
 <name>*name*</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path-list>
 </path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description List of routers in the label-switched path.

Contents <loose>—Next hop might not be adjacent.

 <name>—Address of next system in path.

 <strict>—Next hop must be adjacent.

<path-list> (configuration/protocols/mpls/path)

Usage <configuration>
 <protocols>
 <mpls>
 <path>
 <path-list>
 <name>*name*</name> <!-- identifier -->
 <loose/>
 <strict/>
 </path-list>
 </path>
 </mpls>
 </protocols>
 </configuration>

Description List of routers in the label-switched path.

Contents <loose>—Next hop might not be adjacent.

 <name>—Address of next system in path.

 <strict>—Next hop must be adjacent.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <path-mtu>
 <allow-fragmentation/>
 <rsvp>...</rsvp>
 </path-mtu>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Path MTU configuration.

Contents <allow-fragmentation>—If needed, fragment IP before encapsulating in MPLS.
 <rsvp>—RSVP-specific path MTU options.

<path-mtu> (configuration/protocols/mpls)

Usage <configuration>
 <protocols>
 <mpls>
 <path-mtu>
 <allow-fragmentation/>
 <rsvp>...</rsvp>
 </path-mtu>
 </mpls>
 </protocols>
 </configuration>

Description Path MTU configuration.

Contents <allow-fragmentation>—If needed, fragment IP before encapsulating in MPLS.
 <rsvp>—RSVP-specific path MTU options.

<path-selection> (configuration/logical-systems/protocols/bgp)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <path-selection>
 <cisco-non-deterministic/>
 <always-compare-med/>
 <med-plus-igp>...</med-plus-igp>
 <external-router-id/>
 </path-selection>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure path selection strategy.

Contents <always-compare-med>—Always compare MED values, regardless of neighbor AS.

<cisco-non-deterministic>—Use Cisco IOS nondeterministic path selection algorithm.

<external-router-id>—Compare router ID on BGP externals.

<med-plus-igp>—Add IGP cost to next-hop to MED before comparing MED values.

**<path-selection> (configuration/logical-systems/
routing-instances/instance/protocols/bgp)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <path-selection>
 <cisco-non-deterministic/>
 <always-compare-med/>
 <med-plus-igp>...</med-plus-igp>
 <external-router-id/>
 </path-selection>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure path selection strategy.

Contents <always-compare-med>—Always compare MED values, regardless of neighbor AS.

 <cisco-non-deterministic>—Use Cisco IOS nondeterministic path selection algorithm.

 <external-router-id>—Compare router ID on BGP externals.

 <med-plus-igp>—Add IGP cost to next-hop to MED before comparing MED values.

<path-selection> (configuration/protocols/bgp)

Usage <configuration>
 <protocols>
 <bgp>
 <path-selection>
 <cisco-non-deterministic/>
 <always-compare-med/>
 <med-plus-igp>...</med-plus-igp>
 <external-router-id/>
 </path-selection>
 </bgp>
 </protocols>
 </configuration>

Description Configure path selection strategy.

Contents <always-compare-med>—Always compare MED values, regardless of neighbor AS.

 <cisco-non-deterministic>—Use Cisco IOS nondeterministic path selection algorithm.

 <external-router-id>—Compare router ID on BGP externals.

 <med-plus-igp>—Add IGP cost to next-hop to MED before comparing MED values.

<path-selection> (configuration/routing-instances/instance/protocols/bgp)

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <bgp> <path-selection> <cisco-non-deterministic/> <always-compare-med/> <med-plus-igp>...</med-plus-igp> <external-router-id/> </path-selection> </bgp> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Configure path selection strategy.
Contents	<p><always-compare-med>—Always compare MED values, regardless of neighbor AS.</p> <p><cisco-non-deterministic>—Use Cisco IOS nondeterministic path selection algorithm.</p> <p><external-router-id>—Compare router ID on BGP externals.</p> <p><med-plus-igp>—Add IGP cost to next-hop to MED before comparing MED values.</p>

<payload> (configuration/forwarding-options/hash-key/family/mpls)

Usage	<pre> <configuration> <forwarding-options> <hash-key> <family> <mpls> <payload> <ether-pseudowire/> <ip>...</ip> </payload> </mpls> </family> </hash-key> </forwarding-options> </configuration> </pre>
Description	Include payload data in the hash key.
Contents	<p><ether-pseudowire>—Load-balance IP over ethernet PW.</p> <p><ip>—Include IPv4 or IPv6 payload data in the hash key.</p>

<payload> (configuration/forwarding-options/hash-key/family/multiservice)

Usage <configuration>
 <forwarding-options>
 <hash-key>
 <family>
 <multiservice>
 <payload>
 <ip>...</ip>
 </payload>
 </multiservice>
 </family>
 </hash-key>
 </forwarding-options>
 </configuration>

Description Include payload data in the hash key.

Contents <ip>—Include IPv4 payload data in the hash key.

<payload> (configuration/logical-systems/routing-instances/instance/forwarding-options/hash-key/family/mpls)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <hash-key>
 <family>
 <mpls>
 <payload>
 <ether-pseudowire/>
 <ip>...</ip>
 </payload>
 </mpls>
 </family>
 </hash-key>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include payload data in the hash key.

Contents <ether-pseudowire>—Load-balance IP over ethernet PW.

 <ip>—Include IPv4 or IPv6 payload data in the hash key.

**<payload> (configuration/logical-systems/routing-instances/
instance/forwarding-options/hash-key/family/multiservice)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <hash-key>
 <family>
 <multiservice>
 <payload>
 <ip>...</ip>
 </payload>
 </multiservice>
 </family>
 </hash-key>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include payload data in the hash key.

Contents <ip>—Include IPv4 payload data in the hash key.

<payload> (configuration/routing-instances/instance/forwarding-options/hash-key/family/mpls)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <hash-key>
 <family>
 <mpls>
 <payload>
 <ether-pseudowire/>
 <ip>...</ip>
 </payload>
 </mpls>
 </family>
 </hash-key>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Include payload data in the hash key.

Contents <ether-pseudowire>—Load-balance IP over ethernet PW.

<ip>—Include IPv4 or IPv6 payload data in the hash key.

<payload> (configuration/routing-instances/instance/forwarding-options/hash-key/family/multiservice)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <hash-key>
 <family>
 <multiservice>
 <payload>
 <ip>...</ip>
 </payload>
 </multiservice>
 </family>
 </hash-key>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Include payload data in the hash key.

Contents <ip>—Include IPv4 payload data in the hash key.

<pcrf-selection> (configuration/services/ggsn/apn/service-based-charging/policy-control/dynamic/gx-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <dynamic>
              <gx-profile>
                <pcrf-selection>
                  <name>name</name>    <!-- identifier -->
                  <primary-pcrf>primary-pcrf</primary-pcrf>
                  <secondary-pcrf>secondary-pcrf</secondary-pcrf>
                  <primary-pcscf>primary-pcscf</primary-pcscf>
                  <secondary-pcscf>secondary-pcscf</secondary-pcscf>
                </pcrf-selection>
              </gx-profile>
            </dynamic>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Settings for selection of PCRF and P-CSCF.

Contents <name>—PCRF table entry.

<primary-pcrf>—Diameter host identifier of primary PCRF.

<primary-pcscf>—Primary P-CSCF IPv4 address.

<secondary-pcrf>—Diameter host identifier of secondary PCRF.

<secondary-pcscf>—Secondary P-CSCF IPv4 address.

<pdp-context> (configuration/services/ggsn)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <creation>creation-choice</creation> <limit>limit</limit> <ipv6-limit>ipv6-limit</ipv6-limit> <l2tp-sessions>l2tp-sessions</l2tp-sessions> <tft-ratio>percent</tft-ratio> <payload-limit>pps</payload-limit> <reserved-secondary-capacity>percent</reserved-secondary-capacity> <service-based-charging-ratio>percent</service-based-charging-ratio> <service-based-charging-uplink-ratio>percent </service-based-charging-uplink-ratio> <service-classes-user-mean>service-classes-user-mean </service-classes-user-mean> <service-classes-cdr-mean>service-classes-cdr-mean </service-classes-cdr-mean> <service-identifier-cdr-mean>service-identifier-cdr-mean </service-identifier-cdr-mean> <allow-secondary/> <policing>...</policing> <session-control>...</session-control> <shared-msisdn/> <interfaces>...</interfaces> <signaling>...</signaling> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	PDP context settings.
Contents	<p><allow-secondary>—Allow secondary contexts.</p> <p><creation>—PDP context creation state.</p> <ul style="list-style-type: none"> ■ blocked—New PDP context creation fully blocked. ■ unblocked—No restrictions on PDP context creation. <p><interfaces>—Interface-specific PDP context creation settings.</p> <p><ipv6-limit>—Maximum active IPv6 PDP contexts.</p> <p><l2tp-sessions>—Maximum L2TP sessions.</p> <p><limit>—Maximum active PDP contexts.</p> <p><payload-limit>—Maximum active payload.</p> <p><policing>—Policing settings.</p>

<reserved-secondary-capacity>—Reserved secondary PDP context capacity.

<service-based-charging-ratio>—Service-based-charging ratio.

<service-based-charging-uplink-ratio>—Service-based-charging uplink traffic.

<service-classes-cdr-mean>—Average number of service classes accessed per SBCC context.

<service-classes-user-mean>—Average number of service classes assigned to SBCC user.

<service-identifier-cdr-mean>—Average number of service identifier accessed per SBCC context.

<session-control>—Session control settings.

<shared-msisdn>—Multiple mobiles may use same MSISDN.

<signaling>—PDP context signaling settings.

<tft-ratio>—Number of PDP contexts subject to TFT handling.

<pdp-context> (configuration/services/ggsn/apn)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <creation>*creation-choice*</creation>
 <pdp-type>*pdp-type-choice*</pdp-type>
 <limit>*limit*</limit>
 <address>...</address>
 <ipv6-address>...</ipv6-address>
 <policing>...</policing>
 <session-control>...</session-control>
 <address-allocation>*address-allocation-choice*</address-allocation>
 <ipv6-address-allocation>*ipv6-address-allocation-choice*
 </ipv6-address-allocation>
 <allocation-prefix>*allocation-prefix*</allocation-prefix>
 <allocation-prefix-method>*allocation-prefix-method-choice*
 </allocation-prefix-method>
 <load-factor>*load-factor*</load-factor>
 <alarm-limit>*percent*</alarm-limit>
 <signaling>...</signaling>
 <allow-framed-ip-netmask/>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description APN-specific PDP context settings.

Contents <address>—APN IPv4 address range.

<address-allocation>—Method used to allocate IPv4 addresses to PDP contexts.

- dhcp-client—DHCP server assigns addresses.
- l2tp—L2TP assigns addresses.
- local-pool—GGSN assigns addresses from local pool.
- radius—RADIUS authentication assigns addresses.
- static—Only static addresses accepted.

<alarm-limit>—APN utilization limit at which to raise alarm.

<allocation-prefix>—Subnet prefix to use for GGSNU distribution.

<allocation-prefix-method>—Prefix allocation method to use for GGSNU distribution.

- load—Base slice allocation with even load between GGSNUs.
- slices—Base slice allocation with even number of slices between GGSNUs.

<allow-framed-ip-netmask>—Allow framed-IP-netmask attribute from RADIUS.

<creation>—PDP context creation state.

- blocked—New PDP context creation fully blocked.
- unblocked—No restrictions on PDP context creation.

<ipv6-address>—APN IPv6 address range.

<ipv6-address-allocation>—Method used to allocate IPv6 addresses to PDP contexts.

- local-pool—GGSN assigns addresses from local pool.
- radius—RADIUS authentication assigns addresses.

<limit>—Maximum active PDP contexts.

<load-factor>—PDP context load factor for GGSNU distribution.

<pdp-type>—PDP context type.

- ipv4—IPv4 PDP context type.
- ipv4+ipv6—IPv4 and IPv6 PDP contexts.
- ipv6—IPv6 PDP context type.

<policing>—Policing settings.

<session-control>—Session control settings.

<signaling>—PDP-Context signaling options for this APN.

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

Usage	<pre><configuration> <services> <ggsn> <apn> <user-category> <category> <pdp-context> <creation>creation-choice</creation> </pdp-context> </category> </user-category> </apn> </ggsn> </services> </configuration></pre>
Description	PDP context settings.
Contents	<p><creation>—PDP context creation state.</p> <ul style="list-style-type: none">■ blocked—New PDP context creation fully blocked.■ unblocked—No restrictions on PDP context creation.

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

Usage	<pre><configuration> <services> <ggsn> <apn> <user-category> <default> <pdp-context> <creation>creation-choice</creation> </pdp-context> </default> </user-category> </apn> </ggsn> </services> </configuration></pre>
Description	PDP context settings.
Contents	<p><creation>—PDP context creation state.</p> <ul style="list-style-type: none">■ blocked—New PDP context creation fully blocked.■ unblocked—No restrictions on PDP context creation.

<peak-data-rate> (configuration/services/pgcp/gateway/h248-properties/traffic-management)

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <h248-properties>
 <traffic-management>
 <peak-data-rate>
 <default>*bytes-per-second*</default>
 <rtcp>...</rtcp>
 </peak-data-rate>
 </traffic-management>
 </h248-properties>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description PDR permitted for the stream.

Contents <default>—Default rate value.

 <rtcp>—Default rtcp rate.

<peer> (configuration/logical-systems/protocols/link-management)

Usage <configuration>
 <logical-systems>
 <protocols>
 <link-management>
 <peer>
 <name>name</name> <!-- identifier -->
 <address>address</address> <!-- mandatory -->
 <Imp-protocol>...</Imp-protocol>
 <control-channel>...</control-channel>
 <Imp-control-channel>...</Imp-control-channel>
 <te-link>...</te-link> <!-- mandatory -->
 </peer>
 </link-management>
 </protocols>
 </logical-systems>
 </configuration>

Description Define a network or LMP peer.

Contents <address>—Address of peer.

<control-channel>—Control channel interfaces by priority.

<Imp-control-channel>—Control channel IDs.

<Imp-protocol>—LMP protocol attributes.

<name>—Name of peer.

<te-link>—List of TE links managed by this peer.

<peer> (configuration/logical-systems/protocols/msdp)

Usage <configuration>
 <logical-systems>
 <protocols>
 <msdp>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </msdp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/logical-systems/protocols/msdp/group)

Usage <configuration>
 <logical-systems>
 <protocols>
 <msdp>
 <group>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </group>
 </msdp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <msdp>
            <peer>
              <name>name</name>    <!-- identifier -->
              <disable/>
              <export>...</export>
              <import>...</import>
              <local-address>local-address</local-address>
              <traceoptions>...</traceoptions>
              <active-source-limit>...</active-source-limit>
              <default-peer/>
              <authentication-key>authentication-key</authentication-key>
            </peer>
          </msdp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/logical-systems/routing-instances/instance/protocols/msdp/group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <msdp>
 <group>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </group>
 </msdp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.
 <authentication-key>—MD5 authentication key.
 <default-peer>—Default RPF peer.
 <disable>—Disable MSDP.
 <export>—Export policy.
 <import>—Import policy.
 <local-address>—Local address.
 <name>—Peer address.
 <traceoptions>—Trace options for MSDP.

<peer> (configuration/protocols/link-management)

Usage <configuration>
 <protocols>
 <link-management>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <address>*address*</address> <!-- mandatory -->
 <Imp-protocol>...</Imp-protocol>
 <control-channel>...</control-channel>
 <Imp-control-channel>...</Imp-control-channel>
 <te-link>...</te-link> <!-- mandatory -->
 </peer>
 </link-management>
 </protocols>
 </configuration>

Description Define a network or LMP peer.

Contents <address>—Address of peer.

<control-channel>—Control channel interfaces by priority.

<Imp-control-channel>—Control channel IDs.

<Imp-protocol>—LMP protocol attributes.

<name>—Name of peer.

<te-link>—List of TE links managed by this peer.

<peer> (configuration/protocols/msdp)

Usage <configuration>
 <protocols>
 <msdp>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </msdp>
 </protocols>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/protocols/msdp/group)

Usage <configuration>
 <protocols>
 <msdp>
 <group>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </group>
 </msdp>
 </protocols>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/routing-instances/instance/protocols/msdp)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <msdp>
 <peer>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <export>...</export>
 <import>...</import>
 <local-address>*local-address*</local-address>
 <traceoptions>...</traceoptions>
 <active-source-limit>...</active-source-limit>
 <default-peer/>
 <authentication-key>*authentication-key*</authentication-key>
 </peer>
 </msdp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/routing-instances/instance/protocols/msdp/group)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <msdp>
          <group>
            <peer>
              <name>name</name>    <!-- identifier -->
              <disable/>
              <export>...</export>
              <import>...</import>
              <local-address>local-address</local-address>
              <traceoptions>...</traceoptions>
              <active-source-limit>...</active-source-limit>
              <default-peer/>
              <authentication-key>authentication-key</authentication-key>
            </peer>
          </group>
        </msdp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Configure an MSDP peer.

Contents <active-source-limit>—Limit the number of active sources accepted.

<authentication-key>—MD5 authentication key.

<default-peer>—Default RPF peer.

<disable>—Disable MSDP.

<export>—Export policy.

<import>—Import policy.

<local-address>—Local address.

<name>—Peer address.

<traceoptions>—Trace options for MSDP.

<peer> (configuration/services/ggsn/service-based-charging/diameter-application-system)

Usage	<pre> <configuration> <services> <ggsn> <service-based-charging> <diameter-application-system> <peer> <name>name</name> <!-- identifier --> <priority>priority</priority> </peer> </diameter-application-system> </service-based-charging> </ggsn> </services> </configuration> </pre>
Description	Diameter peers and priorities.
Contents	<p><name>—Diameter peer id.</p> <p><priority>—Priority of the peer.</p>

<peer> (configuration/services/ggsn/service-based-charging/subscription-update-nodes)

Usage	<pre> <configuration> <services> <ggsn> <service-based-charging> <subscription-update-nodes> <peer> <address>address</address> <!-- identifier --> <port>port</port> <!-- identifier --> </peer> </subscription-update-nodes> </service-based-charging> </ggsn> </services> </configuration> </pre>
Description	External update node configuration.
Contents	<p><address>—IP address of external update node.</p> <p><port>—Port number of external update node.</p>

<peer> (configuration/services/mobile-ip)

Usage	<pre> <configuration> <services> <mobile-ip> <peer> <ip-address>...</ip-address> <nai>...</nai> </peer> </mobile-ip> </services> </configuration> </pre>
Description	Configure remote peers.
Contents	<p><ip-address>—Remote peer's ip-address.</p> <p><nai>—Remote peer's network access identifier.</p>

<peer> (configuration/system/ntp)

Usage	<pre> <configuration> <system> <ntp> <peer> <name>name</name> <!-- identifier --> <key>key</key> <version>version</version> <prefer/> </peer> </ntp> </system> </configuration> </pre>
Description	Peer parameters.
Contents	<p><key>—Authentication key.</p> <p><name>—Name or address of peer.</p> <p><prefer>—Prefer this peer.</p> <p><version>—NTP version to use.</p>

<peer-as> (configuration/logical-systems/routing-instances/instance/protocols/l2vpn/mesh-group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <l2vpn>
 <mesh-group>
 <peer-as>
 <all/>
 </peer-as>
 </mesh-group>
 </l2vpn>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Autonomous system of the peer.

Contents <all>—Include peers from all autonomous systems.

<peer-as> (configuration/logical-systems/routing-instances/instance/protocols/vpls/mesh-group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <vpls>
 <mesh-group>
 <peer-as>
 <all/>
 </peer-as>
 </mesh-group>
 </vpls>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Autonomous system of the peer.

Contents <all>—Include peers from all autonomous systems.

<peer-as> (configuration/routing-instances/instance/protocols/l2vpn/mesh-group)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <l2vpn>
 <mesh-group>
 <peer-as>
 <all/>
 </peer-as>
 </mesh-group>
 </l2vpn>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Autonomous system of the peer.

Contents <all>—Include peers from all autonomous systems.

<peer-as> (configuration/routing-instances/instance/protocols/vpls/mesh-group)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <vpls>
 <mesh-group>
 <peer-as>
 <all/>
 </peer-as>
 </mesh-group>
 </vpls>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Autonomous system of the peer.

Contents <all>—Include peers from all autonomous systems.

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

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <peer-interface> <interface-name>interface-name</interface-name> </peer-interface> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Peer interface.
Contents	<interface-name>—Peer interface name.

<peer-interface> (configuration/interfaces/interface/unit)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <peer-interface> <interface-name>interface-name</interface-name> </peer-interface> </unit> </interface> </interfaces> </configuration> </pre>
Description	Peer interface.
Contents	<interface-name>—Peer interface name.

**<peer-interface> (configuration/logical-systems/interfaces/
interface/unit)**

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <peer-interface>
 <interface-name>*interface-name*</interface-name>
 </peer-interface>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Peer interface.

Contents <interface-name>—Peer interface name.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </ospf>
 </protocols>
 </logical-systems>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

 <dead-interval>—Dead interval (seconds).

 <demand-circuit>—Interface functions as a demand circuit.

 <disable>—Disable OSPF on this control peer.

 <hello-interval>—Hello interval (seconds).

 <name>—Name of peer interface.

 <no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

 <retransmit-interval>—Retransmission interval (seconds).

 <transit-delay>—Transit delay (seconds).

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <ospf3>
        <area>
          <peer-interface>
            <name>name</name>    <!-- identifier -->
            <disable/>
            <retransmit-interval>retransmit-interval</retransmit-interval>
            <transit-delay>transit-delay</transit-delay>
            <hello-interval>hello-interval</hello-interval>
            <dead-interval>dead-interval</dead-interval>
            <authentication>...</authentication>
            <demand-circuit/>
            <no-neighbor-down-notification/>
          </peer-interface>
        </area>
      </ospf3>
    </protocols>
  </logical-systems>
</configuration>

```

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </logical-systems>
</configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

<peer-interface> (configuration/logical-systems/protocols/rsvp)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rsvp>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <authentication-key>*authentication-key*</authentication-key>
 <aggregate/>
 <reliable/>
 <hello-interval>*seconds*</hello-interval>
 </peer-interface>
 </rsvp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configuration for peer interface.

Contents <aggregate>—Permit refresh reduction extensions on the interface.

<authentication-key>—Authentication password.

<disable>—Disable RSVP on this control peer.

<hello-interval>—Hello interval.

<name>—Name of peer interface.

<reliable>—Permit reliable message delivery on the interface.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </ospf>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

 <dead-interval>—Dead interval (seconds).

 <demand-circuit>—Interface functions as a demand circuit.

 <disable>—Disable OSPF on this control peer.

 <hello-interval>—Hello interval (seconds).

 <name>—Name of peer interface.

 <no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

 <retransmit-interval>—Retransmission interval (seconds).

 <transit-delay>—Transit delay (seconds).

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ospf3>
            <area>
              <peer-interface>
                <name>name</name>    <!-- identifier -->
                <disable/>
                <retransmit-interval>retransmit-interval</retransmit-interval>
                <transit-delay>transit-delay</transit-delay>
                <hello-interval>hello-interval</hello-interval>
                <dead-interval>dead-interval</dead-interval>
                <authentication>...</authentication>
                <demand-circuit/>
                <no-neighbor-down-notification/>
              </peer-interface>
            </area>
          </ospf3>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

<peer-interface> (configuration/protocols/ospf/area)

Usage <configuration>
 <protocols>
 <ospf>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </ospf>
 </protocols>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

<peer-interface> (configuration/protocols/ospf3/area)

Usage <configuration>
 <protocols>
 <ospf3>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </ospf3>
 </protocols>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

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

Usage <configuration>
 <protocols>
 <ospf3>
 <realm>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </realm>
 </ospf3>
 </protocols>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

<peer-interface> (configuration/protocols/rsvp)

Usage <configuration>
 <protocols>
 <rsvp>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <authentication-key>*authentication-key*</authentication-key>
 <aggregate/>
 <reliable/>
 <hello-interval>*seconds*</hello-interval>
 </peer-interface>
 </rsvp>
 </protocols>
 </configuration>

Description Configuration for peer interface.

Contents <aggregate>—Permit refresh reduction extensions on the interface.

 <authentication-key>—Authentication password.

 <disable>—Disable RSVP on this control peer.

 <hello-interval>—Hello interval.

 <name>—Name of peer interface.

 <reliable>—Permit reliable message delivery on the interface.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf>
          <area>
            <peer-interface>
              <name>name</name>    <!-- identifier -->
              <disable/>
              <retransmit-interval>retransmit-interval</retransmit-interval>
              <transit-delay>transit-delay</transit-delay>
              <hello-interval>hello-interval</hello-interval>
              <dead-interval>dead-interval</dead-interval>
              <authentication>...</authentication>
              <demand-circuit/>
              <no-neighbor-down-notification/>
            </peer-interface>
          </area>
        </ospf>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ospf3>
 <area>
 <peer-interface>
 <name>*name*</name> <!-- identifier -->
 <disable/>
 <retransmit-interval>*retransmit-interval*</retransmit-interval>
 <transit-delay>*transit-delay*</transit-delay>
 <hello-interval>*hello-interval*</hello-interval>
 <dead-interval>*dead-interval*</dead-interval>
 <authentication>...</authentication>
 <demand-circuit/>
 <no-neighbor-down-notification/>
 </peer-interface>
 </area>
 </ospf3>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

 <dead-interval>—Dead interval (seconds).

 <demand-circuit>—Interface functions as a demand circuit.

 <disable>—Disable OSPF on this control peer.

 <hello-interval>—Hello interval (seconds).

 <name>—Name of peer interface.

 <no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

 <retransmit-interval>—Retransmission interval (seconds).

 <transit-delay>—Transit delay (seconds).

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ospf3>
          <realm>
            <area>
              <peer-interface>
                <name>name</name>    <!-- identifier -->
                <disable/>
                <retransmit-interval>retransmit-interval</retransmit-interval>
                <transit-delay>transit-delay</transit-delay>
                <hello-interval>hello-interval</hello-interval>
                <dead-interval>dead-interval</dead-interval>
                <authentication>...</authentication>
                <demand-circuit/>
                <no-neighbor-down-notification/>
              </peer-interface>
            </area>
          </realm>
        </ospf3>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Configuration for peer interface.

Contents <authentication>—No documentation is available yet.

<dead-interval>—Dead interval (seconds).

<demand-circuit>—Interface functions as a demand circuit.

<disable>—Disable OSPF on this control peer.

<hello-interval>—Hello interval (seconds).

<name>—Name of peer interface.

<no-neighbor-down-notification>—Don't inform other protocols about neighbor down events.

<retransmit-interval>—Retransmission interval (seconds).

<transit-delay>—Transit delay (seconds).

<pem> (configuration/chassis)

Usage	<pre> <configuration> <chassis> <pem> <minimum>minimum</minimum> </pem> </chassis> </configuration> </pre>
Description	Power supply (PEM) parameters.
Contents	<minimum>—Minimum number of power supplies required for normal operation.

<per-flow> (configuration/forwarding-options/load-balance)

Usage	<pre> <configuration> <forwarding-options> <load-balance> <per-flow> <hash-seed/> <!-- mandatory --> </per-flow> </load-balance> </forwarding-options> </configuration> </pre>
Description	No documentation is available yet.
Contents	<hash-seed>—Enable per flow seed value on packet forwarding engine.

<per-flow> (configuration/logical-systems/routing-instances/instance/forwarding-options/load-balance)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <forwarding-options> <load-balance> <per-flow> <hash-seed/> <!-- mandatory --> </per-flow> </load-balance> </forwarding-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	No documentation is available yet.
Contents	<hash-seed>—Enable per flow seed value on packet forwarding engine.

<per-flow> (configuration/routing-instances/instance/forwarding-options/load-balance)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <load-balance>
 <per-flow>
 <hash-seed/> <!-- mandatory -->
 </per-flow>
 </load-balance>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description No documentation is available yet.

Contents <hash-seed>—Enable per flow seed value on packet forwarding engine.

<per-prefix> (configuration/forwarding-options/load-balance)

Usage <configuration>
 <forwarding-options>
 <load-balance>
 <per-prefix>
 <hash-seed>*hash-seed*</hash-seed>
 </per-prefix>
 </load-balance>
 </forwarding-options>
 </configuration>

Description No documentation is available yet.

Contents <hash-seed>—Specifies per-router input value for per-prefix load-balancing hash function.

<per-prefix> (configuration/logical-systems/routing-instances/instance/forwarding-options/load-balance)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <load-balance>
 <per-prefix>
 <hash-seed>*hash-seed*</hash-seed>
 </per-prefix>
 </load-balance>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description No documentation is available yet.

Contents <hash-seed>—Specifies per-router input value for per-prefix load-balancing hash function.

<per-prefix> (configuration/routing-instances/instance/forwarding-options/load-balance)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <load-balance>
 <per-prefix>
 <hash-seed>*hash-seed*</hash-seed>
 </per-prefix>
 </load-balance>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description No documentation is available yet.

Contents <hash-seed>—Specifies per-router input value for per-prefix load-balancing hash function.

<perfect-forward-secrecy> (configuration/security/ipsec/policy)

Usage	<pre><configuration> <security> <ipsec> <policy> <perfect-forward-secrecy> <keys>keys-choice</keys> </perfect-forward-secrecy> </policy> </ipsec> </security> </configuration></pre>
Description	Define perfect forward secrecy.
Contents	<p><keys>—Define Diffie-Hellman group.</p> <ul style="list-style-type: none">■ group1—Diffie-Hellman Group1.■ group2—Diffie-Hellman Group2.

<perfect-forward-secrecy> (configuration/services/ipsec-vpn/ipsec/policy)

Usage	<pre><configuration> <services> <ipsec-vpn> <ipsec> <policy> <perfect-forward-secrecy> <keys>keys-choice</keys> </perfect-forward-secrecy> </policy> </ipsec> </ipsec-vpn> </services> </configuration></pre>
Description	Define perfect forward secrecy.
Contents	<p><keys>—Define Diffie-Hellman group.</p> <ul style="list-style-type: none">■ group1—Diffie-Hellman Group1.■ group2—Diffie-Hellman Group2.

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

Usage <configuration>
 <security>
 <idp>
 <dynamic-attack-group>
 <filters>
 <performance>
 <values>...</values> <!-- mandatory -->
 </performance>
 </filters>
 </dynamic-attack-group>
 </idp>
 </security>
 </configuration>

Description Performance of attack.

Contents <values>—Values for performance field.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <ldp>
        <oam>
          <periodic-traceroute>
            <frequency>minutes</frequency>
            <ttl>ttl</ttl>
            <retries>retries</retries>
            <wait>seconds</wait>
            <paths>paths</paths>
            <source>source</source>
            <exp>exp</exp>
            <fanout>fanout</fanout>
          </periodic-traceroute>
        </oam>
      </ldp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Configure periodic traceroute.

Contents

- <exp>—Class-of-service value to use when sending probes.
- <fanout>—Maximum number of nexthops to search per node.
- <frequency>—Time between traceroute attempts.
- <paths>—Maximum number of paths to traverse.
- <retries>—Number of times to resend probe.
- <source>—Source address to use when sending probes.
- <ttl>—Maximum time-to-live value.
- <wait>—Time to wait before resending probe.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ldp>
 <oam>
 <fec>
 <periodic-traceroute>
 <frequency>*minutes*</frequency>
 <ttl>*t*</ttl>
 <retries>*retries*</retries>
 <wait>*seconds*</wait>
 <paths>*paths*</paths>
 <source>*source*</source>
 <exp>*exp*</exp>
 <fanout>*fanout*</fanout>
 <disable/>
 </periodic-traceroute>
 </fec>
 </oam>
 </ldp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure periodic traceroute.

Contents <disable>—Disable periodic traceroute for a FEC.

 <exp>—Class-of-service value to use when sending probes.

 <fanout>—Maximum number of nexthops to search per node.

 <frequency>—Time between traceroute attempts.

 <paths>—Maximum number of paths to traverse.

 <retries>—Number of times to resend probe.

 <source>—Source address to use when sending probes.

 <ttl>—Maximum time-to-live value.

 <wait>—Time to wait before resending probe.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ldp>
            <oam>
              <periodic-traceroute>
                <frequency>minutes</frequency>
                <ttl>ttl</ttl>
                <retries>retries</retries>
                <wait>seconds</wait>
                <paths>paths</paths>
                <source>source</source>
                <exp>exp</exp>
                <fanout>fanout</fanout>
              </periodic-traceroute>
            </oam>
          </ldp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure periodic traceroute.

Contents

- <exp>—Class-of-service value to use when sending probes.
- <fanout>—Maximum number of nexthops to search per node.
- <frequency>—Time between traceroute attempts.
- <paths>—Maximum number of paths to traverse.
- <retries>—Number of times to resend probe.
- <source>—Source address to use when sending probes.
- <ttl>—Maximum time-to-live value.
- <wait>—Time to wait before resending probe.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <oam>
 <fec>
 <periodic-traceroute>
 <frequency>*minutes*</frequency>
 <ttl>*ttl*</ttl>
 <retries>*retries*</retries>
 <wait>*seconds*</wait>
 <paths>*paths*</paths>
 <source>*source*</source>
 <exp>*exp*</exp>
 <fanout>*fanout*</fanout>
 <disable/>
 </periodic-traceroute>
 </fec>
 </oam>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Configure periodic traceroute.

Contents <disable>—Disable periodic traceroute for a FEC.

<exp>—Class-of-service value to use when sending probes.

<fanout>—Maximum number of nexthops to search per node.

<frequency>—Time between traceroute attempts.

<paths>—Maximum number of paths to traverse.

<retries>—Number of times to resend probe.

<source>—Source address to use when sending probes.

<ttl>—Maximum time-to-live value.

<wait>—Time to wait before resending probe.

<periodic-traceroute> (configuration/protocols/ldp/oam)

Usage <configuration>
 <protocols>
 <ldp>
 <oam>
 <periodic-traceroute>
 <frequency>*minutes*</frequency>
 <ttl>*ttl*</ttl>
 <retries>*retries*</retries>
 <wait>*seconds*</wait>
 <paths>*paths*</paths>
 <source>*source*</source>
 <exp>*exp*</exp>
 <fanout>*fanout*</fanout>
 </periodic-traceroute>
 </oam>
</ldp>
</protocols>
</configuration>

Description Configure periodic traceroute.

Contents <exp>—Class-of-service value to use when sending probes.

<fanout>—Maximum number of nexthops to search per node.

<frequency>—Time between traceroute attempts.

<paths>—Maximum number of paths to traverse.

<retries>—Number of times to resend probe.

<source>—Source address to use when sending probes.

<ttl>—Maximum time-to-live value.

<wait>—Time to wait before resending probe.

<periodic-traceroute> (configuration/protocols/ldp/oam/fec)

Usage <configuration>
 <protocols>
 <ldp>
 <oam>
 <fec>
 <periodic-traceroute>
 <frequency>*minutes*</frequency>
 <ttl>*t*</ttl>
 <retries>*retries*</retries>
 <wait>*seconds*</wait>
 <paths>*paths*</paths>
 <source>*source*</source>
 <exp>*exp*</exp>
 <fanout>*fanout*</fanout>
 <disable/>
 </periodic-traceroute>
 </fec>
 </oam>
 </ldp>
 </protocols>
 </configuration>

Description Configure periodic traceroute.

Contents <disable>—Disable periodic traceroute for a FEC.

<exp>—Class-of-service value to use when sending probes.

<fanout>—Maximum number of nexthops to search per node.

<frequency>—Time between traceroute attempts.

<paths>—Maximum number of paths to traverse.

<retries>—Number of times to resend probe.

<source>—Source address to use when sending probes.

<ttl>—Maximum time-to-live value.

<wait>—Time to wait before resending probe.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <ldp>
          <oam>
            <periodic-traceroute>
              <frequency>minutes</frequency>
              <ttl>t</ttl>
              <retries>retries</retries>
              <wait>seconds</wait>
              <paths>paths</paths>
              <source>source</source>
              <exp>exp</exp>
              <fanout>fanout</fanout>
            </periodic-traceroute>
          </oam>
        </ldp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Configure periodic traceroute.

Contents

- <exp>—Class-of-service value to use when sending probes.
- <fanout>—Maximum number of nexthops to search per node.
- <frequency>—Time between traceroute attempts.
- <paths>—Maximum number of paths to traverse.
- <retries>—Number of times to resend probe.
- <source>—Source address to use when sending probes.
- <ttl>—Maximum time-to-live value.
- <wait>—Time to wait before resending probe.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <oam>
 <fec>
 <periodic-traceroute>
 <frequency>*minutes*</frequency>
 <ttl>*ttl*</ttl>
 <retries>*retries*</retries>
 <wait>*seconds*</wait>
 <paths>*paths*</paths>
 <source>*source*</source>
 <exp>*exp*</exp>
 <fanout>*fanout*</fanout>
 <disable/>
 </periodic-traceroute>
 </fec>
 </oam>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure periodic traceroute.

Contents <disable>—Disable periodic traceroute for a FEC.

 <exp>—Class-of-service value to use when sending probes.

 <fanout>—Maximum number of nexthops to search per node.

 <frequency>—Time between traceroute attempts.

 <paths>—Maximum number of paths to traverse.

 <retries>—Number of times to resend probe.

 <source>—Source address to use when sending probes.

 <ttl>—Maximum time-to-live value.

 <wait>—Time to wait before resending probe.

<permissions> (configuration/system/login/class)

Usage <configuration>
 <system>
 <login>
 <class>
 <permissions>
 <name>*name*</name> <!-- identifier -->
 </permissions>
 </class>
 </login>
 </system>
 </configuration>

Description Set of permitted operation categories.

Contents <name>—No documentation is available yet.

<pgcp> (configuration/services)

Usage <configuration>
 <services>
 <pgcp>
 <traceoptions>...</traceoptions>
 <media-service>...</media-service>
 <virtual-interface>...</virtual-interface> <!-- mandatory -->
 <gateway>...</gateway>
 <rule>...</rule>
 <rule-set>...</rule-set>
 <session-mirroring>...</session-mirroring>
 <notification-rate-limit>*notification-rate-limit*</notification-rate-limit>
 </pgcp>
 </services>
 </configuration>

Description Packet Gateway Control Protocol services configuration.

Contents <gateway>—One or more Packet Gateways.

 <media-service>—One or more PGCP media service.

 <notification-rate-limit>—Max number of notifications/second sent to PGC.

 <rule>—One or more PGCP rules.

 <rule-set>—Define a Set of PGCP rules.

 <session-mirroring>—Session mirroring configuration.

 <traceoptions>—Trace options for packet gateway service.

 <virtual-interface>—One or more Virtual Interfaces.

<pgcp> (configuration/services/nat/pool)

Usage <configuration>
 <services>
 <nat>
 <pool>
 <pgcp>
 <remotely-controlled/>
 <ports-per-session>*ports-per-session*</ports-per-session>
 <hint>...</hint>
 <transport>...</transport>
 </pgcp>
 </pool>
 </nat>
 </services>
 </configuration>

Description NAT pool should be used exclusive by the pgcp service.

Contents <hint>—NAT-hint list (Any string available up to 3 characters, not mandatory field).
 <ports-per-session>—Number of ports to allocate in each call setup.
 <remotely-controlled>—Remotely controlled NAT pool allocation.
 <transport>—NAT pool transport types list.

<pgcp-rule-sets> (configuration/services/service-set)

Usage <configuration>
 <services>
 <service-set>
 <pgcp-rule-sets>
 <name>*name*</name> <!-- identifier -->
 </pgcp-rule-sets>
 </service-set>
 </services>
 </configuration>

Description One or more PGCP rule sets.

Contents <name>—Name of rule set.

<pgcp-rules> (configuration/services/service-set)

Usage	<pre> <configuration> <services> <service-set> <pgcp-rules> <name>name</name> <!-- identifier --> </pgcp-rules> </service-set> </services> </configuration> </pre>
Description	One or more PGCP rules.
Contents	<name>—Rule name.

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

Usage	<pre> <configuration> <logical-systems> <protocols> <pgm> <traceoptions>...</traceoptions> </pgm> </protocols> </logical-systems> </configuration> </pre>
Description	PGM options.
Contents	<traceoptions>—PGM trace options.

<pgm> (configuration/protocols)

Usage	<pre> <configuration> <protocols> <pgm> <traceoptions>...</traceoptions> </pgm> </protocols> </configuration> </pre>
Description	PGM options.
Contents	<traceoptions>—PGM trace options.

<pic> (configuration/chassis/fpc)

```

Usage <configuration>
    <chassis>
        <fpc>
            <pic>
                <name>name</name>    <!-- identifier -->
                <tunnel-services>...</tunnel-services>
                <adaptive-services>...</adaptive-services>
                <monitoring-services>...</monitoring-services>
                <framing>framing-choice</framing>
                <synchronization>...</synchronization>
                <vtmapping>vtmapping-choice</vtmapping>
                <no-concatenate/>
                <aggregate-ports/>
                <sparse-dlcis/>
                <q-pic-large-buffer>...</q-pic-large-buffer>
                <red-buffer-occupancy>...</red-buffer-occupancy>
                <traffic-manager>...</traffic-manager>
                <idle-cell-format>...</idle-cell-format>
                <atm-l2circuit-mode>...</atm-l2circuit-mode>
                <atm-cell-relay-accumulation/>
                <mlfr-uni-nni-bundles>mlfr-uni-nni-bundles</mlfr-uni-nni-bundles>
                <ct3>...</ct3>
                <ce1>...</ce1>
                <max-queues-per-interface>max-queues-per-interface-choice
                    </max-queues-per-interface>
                <shdsl>...</shdsl>
                <ethernet>...</ethernet>
                <tunnel-queuing/>
                <port-mirror-instance>port-mirror-instance</port-mirror-instance>
                <port>...</port>
                <sfplusplus>...</sfplusplus>
            </pic>
        </fpc>
    </chassis>
</configuration>

```

Description	Physical Interface Card number.
--------------------	---------------------------------

Contents <adaptive-services>—Adaptive services configuration.

<aggregate-ports>—Aggregate multiple ports on a PIC as a single port.

<atm-cell-relay-accumulation>—Enable ATM cell-relay accumulation mode.

<atm-l2circuit-mode>—Enable ATM Layer 2 circuit transport mode.

<ce1>—CE1 NxDS0 PIC configuration.

<ct3>—CT3 NxDS0 PIC configuration.

<ethernet>—J-series Ethernet PIM mode configuration.

<framing>—Framing mode.

- e1—E1 mode.
- e3—E3 mode.
- sdh—SDH mode.
- sonet—SONET mode.
- t1—T1 mode.
- t3—T3 mode.

<idle-cell-format>—ATM idle cell configuration.

<max-queues-per-interface>—Maximum number of queues per interface on QOS-capable PIC.

- 4—Maximum 4 queues per interface.
- 8—Maximum 8 queues per interface.

<mlfr-uni-nni-bundles>—Number of multilink Frame Relay UNI NNI (FRF.16) bundles to allocate on PIC.

<monitoring-services>—Monitoring services configuration.

<name>—PIC slot number.

<no-concatenate>—Do not concatenate channels.

<port>—Port number.

<port-mirror-instance>—Associate a port mirroring instance with the PIC.

<q-pic-large-buffer>—Run in large delay buffer mode.

<red-buffer-occupancy>—Computation type for RED buffer occupancy.

<sfpplus>—Sfpplus configuration option.

<shdsl>—SHDSL chassis configuration.

<sparse-dlcis>—Run in sparse data-link connection identifier mode.

<synchronization>—PIC synchronization source.

<traffic-manager>—Configure traffic manager attributes.

<tunnel-queueing>—Enable queueing for GRE/IPIP tunnels.

<tunnel-services>—Tunnel services configuration.

<vtmapping>—Virtual tunnel mapping mode.

- itu-t—ITU-T mode.
- klm—KLM mode.

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

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <name>name</name> <!-- identifier -->
 <tunnel-services>...</tunnel-services>
 <adaptive-services>...</adaptive-services>
 <monitoring-services>...</monitoring-services>
 <framing>framing-choice</framing>
 <synchronization>...</synchronization>
 <vtmapping>vtmapping-choice</vtmapping>
 <no-concatenate/>
 <aggregate-ports/>
 <sparse-dlcis/>
 <q-pic-large-buffer>...</q-pic-large-buffer>
 <red-buffer-occupancy>...</red-buffer-occupancy>
 <traffic-manager>...</traffic-manager>
 <idle-cell-format>...</idle-cell-format>
 <atm-l2circuit-mode>...</atm-l2circuit-mode>
 <atm-cell-relay-accumulation/>
 <mlfr-uni-nni-bundles>mlfr-uni-nni-bundles</mlfr-uni-nni-bundles>
 <ct3>...</ct3>
 <ce1>...</ce1>
 <max-queues-per-interface>max-queues-per-interface-choice
 </max-queues-per-interface>
 <shdsl>...</shdsl>
 <ethernet>...</ethernet>
 <tunnel-queuing/>
 <port-mirror-instance>port-mirror-instance</port-mirror-instance>
 <port>...</port>
 <sfpplus>...</sfpplus>
 </pic>
 </fpc>
 </lcc>
 </chassis>
 </configuration>

Description Physical Interface Card number.

Contents <adaptive-services>—Adaptive services configuration.

<aggregate-ports>—Aggregate multiple ports on a PIC as a single port.

<atm-cell-relay-accumulation>—Enable ATM cell-relay accumulation mode.

<atm-l2circuit-mode>—Enable ATM Layer 2 circuit transport mode.

<ce1>—CE1 NxDS0 PIC configuration.

<ct3>—CT3 NxDS0 PIC configuration.

<ethernet>—J-series Ethernet PIM mode configuration.

<framing>—Framing mode.

- e1—E1 mode.
- e3—E3 mode.
- sdh—SDH mode.
- sonet—SONET mode.
- t1—T1 mode.
- t3—T3 mode.

<idle-cell-format>—ATM idle cell configuration.

<max-queues-per-interface>—Maximum number of queues per interface on QOS-capable PIC.

- 4—Maximum 4 queues per interface.
- 8—Maximum 8 queues per interface.

<mlfr-uni-nni-bundles>—Number of multilink Frame Relay UNI NNI (FRF.16) bundles to allocate on PIC.

<monitoring-services>—Monitoring services configuration.

<name>—PIC slot number.

<no-concatenate>—Do not concatenate channels.

<port>—Port number.

<port-mirror-instance>—Associate a port mirroring instance with the PIC.

<q-pic-large-buffer>—Run in large delay buffer mode.

<red-buffer-occupancy>—Computation type for RED buffer occupancy.

<sfpplus>—Sfpplus configuration option.

<shdsl>—SHDSL chassis configuration.

<sparse-dlcis>—Run in sparse data-link connection identifier mode.

<synchronization>—PIC synchronization source.

<traffic-manager>—Configure traffic manager attributes.

<tunnel-queuing>—Enable queueing for GRE/IPIP tunnels.

<tunnel-services>—Tunnel services configuration.

<vtmapping>—Virtual tunnel mapping mode.

- itu-t—ITU-T mode.
- klm—KLM mode.

<pic-allocation> (configuration/services/ggsn)

Usage <configuration>
 <services>
 <ggsn>
 <pic-allocation>
 <dynamic-pics>...</dynamic-pics>
 <static-pics>...</static-pics>
 </pic-allocation>
 </ggsn>
 </services>
 </configuration>

Description PIC allocation.

Contents <dynamic-pics>—PICs with dynamic role capabilities.
 <static-pics>—PICs with static roles.

<pic-console-authentication> (configuration/system)

Usage <configuration>
 <system>
 <pic-console-authentication>
 <plain-text-password-value>*plain-text-password-value*
 </plain-text-password-value>
 <encrypted-password>*encrypted-password*</encrypted-password>
 </pic-console-authentication>
 </system>
 </configuration>

Description Authentication for the console port on PICs.

Contents <encrypted-password>—Encrypted password string.
 <plain-text-password-value>—Plain text password.

**<pic-memory-threshold> (configuration/services/
dynamic-flow-capture/capture-group)**

Usage <configuration>
 <services>
 <dynamic-flow-capture>
 <capture-group>
 <pic-memory-threshold>
 <percentage>percent</percentage>
 </pic-memory-threshold>
 </capture-group>
 </dynamic-flow-capture>
 </services>
 </configuration>

Description PIC memory threshold.

Contents <percentage>—Threshold in percentage.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <pim>
 <disable/>
 <nonstop-routing>...</nonstop-routing>
 <traceoptions>...</traceoptions>
 <dense-groups>...</dense-groups>
 <vpn-group-address>vpn-group-address</vpn-group-address>
 <mvpn>...</mvpn>
 <rib-group>...</rib-group>
 <import>...</import>
 <assert-timeout>assert-timeout</assert-timeout>
 <join-prune-timeout>join-prune-timeout</join-prune-timeout>
 <spt-threshold>...</spt-threshold>
 <rp>...</rp>
 <interface>...</interface>
 <mdt>...</mdt>
 <graceful-restart>...</graceful-restart>
 <join-load-balance>join-load-balance</join-load-balance>
 <dr-election-on-p2p/>
 </pim>
 </protocols>
 </logical-systems>
 </configuration>

Description PIM configuration.

Contents <assert-timeout>—Set assert timeout.

<dense-groups>—Dense mode groups for sparse-dense mode.

<disable>—Disable PIM.

<dr-election-on-p2p>—Enable DR election on Point-to-Point Interfaces.

<graceful-restart>—Configure graceful restart attributes.

<import>—PIM sparse import join policy.

<interface>—PIM interface options.

<join-load-balance>—Configure PIM join load balancing.

<join-prune-timeout>—Set join/prune timeout.

<mdt>—Configure multicast data tunnel parameters.

<mvpn>—MVPN PIM control-plane options.

<nonstop-routing>—Configure PIM nonstop-routing attributes.

<rib-group>—Routing table group.

<rp>—Router's rendezvous point properties.

<spt-threshold>—Set shortest-path-tree threshold policy.

<traceoptions>—Trace options for PIM.

<vpn-group-address>—Group address for the VPN in provider space.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <disable/>
 <nonstop-routing>...</nonstop-routing>
 <traceoptions>...</traceoptions>
 <dense-groups>...</dense-groups>
 <vpn-group-address>vpn-group-address</vpn-group-address>
 <mvpn>...</mvpn>
 <rib-group>...</rib-group>
 <import>...</import>
 <assert-timeout>assert-timeout</assert-timeout>
 <join-prune-timeout>join-prune-timeout</join-prune-timeout>
 <spt-threshold>...</spt-threshold>
 <rp>...</rp>
 <interface>...</interface>
 <mdt>...</mdt>
 <graceful-restart>...</graceful-restart>
 <join-load-balance>join-load-balance</join-load-balance>
 <dr-election-on-p2p/>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description PIM configuration.

Contents <assert-timeout>—Set assert timeout.

<dense-groups>—Dense mode groups for sparse-dense mode.

<disable>—Disable PIM.

<dr-election-on-p2p>—Enable DR election on Point-to-Point Interfaces.

<graceful-restart>—Configure graceful restart attributes.

<import>—PIM sparse import join policy.

<interface>—PIM interface options.

<join-load-balance>—Configure PIM join load balancing.

<join-prune-timeout>—Set join/prune timeout.

<mdt>—Configure multicast data tunnel parameters.

- <mvpn>—MVPN PIM control-plane options.
- <nonstop-routing>—Configure PIM nonstop-routing attributes.
- <rib-group>—Routing table group.
- <rp>—Router's rendezvous point properties.
- <spt-threshold>—Set shortest-path-tree threshold policy.
- <traceoptions>—Trace options for PIM.
- <vpn-group-address>—Group address for the VPN in provider space.

<pim> (configuration/protocols)

Usage <configuration>
 <protocols>
 <pim>
 <disable/>
 <nonstop-routing>...</nonstop-routing>
 <traceoptions>...</traceoptions>
 <dense-groups>...</dense-groups>
 <vpn-group-address>vpn-group-address</vpn-group-address>
 <mvpn>...</mvpn>
 <rib-group>...</rib-group>
 <import>...</import>
 <assert-timeout>assert-timeout</assert-timeout>
 <join-prune-timeout>join-prune-timeout</join-prune-timeout>
 <spt-threshold>...</spt-threshold>
 <rp>...</rp>
 <interface>...</interface>
 <mdt>...</mdt>
 <graceful-restart>...</graceful-restart>
 <join-load-balance>join-load-balance</join-load-balance>
 <dr-election-on-p2p/>
 </pim>
 </protocols>
</configuration>

Description PIM configuration.

Contents <assert-timeout>—Set assert timeout.

<dense-groups>—Dense mode groups for sparse-dense mode.

<disable>—Disable PIM.

<dr-election-on-p2p>—Enable DR election on Point-to-Point Interfaces.

<graceful-restart>—Configure graceful restart attributes.

<import>—PIM sparse import join policy.

<interface>—PIM interface options.

<join-load-balance>—Configure PIM join load balancing.

<join-prune-timeout>—Set join/prune timeout.

<mdt>—Configure multicast data tunnel parameters.

<mvpn>—MVPN PIM control-plane options.

<nonstop-routing>—Configure PIM nonstop-routing attributes.

<rib-group>—Routing table group.

<rp>—Router's rendezvous point properties.

<spt-threshold>—Set shortest-path-tree threshold policy.

<traceoptions>—Trace options for PIM.

<vpn-group-address>—Group address for the VPN in provider space.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <disable/>
 <nonstop-routing>...</nonstop-routing>
 <traceoptions>...</traceoptions>
 <dense-groups>...</dense-groups>
 <vpn-group-address>vpn-group-address</vpn-group-address>
 <mvpn>...</mvpn>
 <rib-group>...</rib-group>
 <import>...</import>
 <assert-timeout>assert-timeout</assert-timeout>
 <join-prune-timeout>join-prune-timeout</join-prune-timeout>
 <spt-threshold>...</spt-threshold>
 <rp>...</rp>
 <interface>...</interface>
 <mdt>...</mdt>
 <graceful-restart>...</graceful-restart>
 <join-load-balance>join-load-balance</join-load-balance>
 <dr-election-on-p2p/>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description PIM configuration.

Contents <assert-timeout>—Set assert timeout.

<dense-groups>—Dense mode groups for sparse-dense mode.

<disable>—Disable PIM.

<dr-election-on-p2p>—Enable DR election on Point-to-Point Interfaces.

<graceful-restart>—Configure graceful restart attributes.

<import>—PIM sparse import join policy.

<interface>—PIM interface options.

<join-load-balance>—Configure PIM join load balancing.

<join-prune-timeout>—Set join/prune timeout.

<mdt>—Configure multicast data tunnel parameters.

<mvpn>—MVPN PIM control-plane options.

<nonstop-routing>—Configure PIM nonstop-routing attributes.

<rib-group>—Routing table group.

<rp>—Router's rendezvous point properties.

<spt-threshold>—Set shortest-path-tree threshold policy.

<traceoptions>—Trace options for PIM.

<vpn-group-address>—Group address for the VPN in provider space.

<pim-asm> (configuration/logical-systems/routing-instances/instance/provider-tunnel)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <pim-asm>
 <group-address>*group-address*</group-address>
 </pim-asm>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description PIM-SM provider tunnel.

Contents <group-address>—PIM-SM provider tunnel group address.

<pim-asm> (configuration/routing-instances/instance/provider-tunnel)

Usage <configuration>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <pim-asm>
 <group-address>*group-address*</group-address>
 </pim-asm>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </configuration>

Description PIM-SM provider tunnel.

Contents <group-address>—PIM-SM provider tunnel group address.

<pim-ssm> (configuration/logical-systems/routing-instances/instance/provider-tunnel)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <provider-tunnel> <pim-ssm> <group-address>group-address</group-address> </pim-ssm> </provider-tunnel> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	PIM-SSM provider tunnel.
Contents	<group-address>—PIM-SSM provider tunnel group address.

<pim-ssm> (configuration/routing-instances/instance/provider-tunnel)

Usage	<pre> <configuration> <routing-instances> <instance> <provider-tunnel> <pim-ssm> <group-address>group-address</group-address> </pim-ssm> </provider-tunnel> </instance> </routing-instances> </configuration> </pre>
Description	PIM-SSM provider tunnel.
Contents	<group-address>—PIM-SSM provider tunnel group address.

<pki> (configuration/security)

- Usage** <configuration>
 <security>
 <pki>
 <ca-profile>...</ca-profile>
 <auto-re-enrollment>...</auto-re-enrollment>
 <traceoptions>...</traceoptions>
 </pki>
 </security>
 </configuration>
- Description** Public key infrastructure configuration.
- Contents** <auto-re-enrollment>—Auto re-enroll of certificate.
 <ca-profile>—Certificate authority profile configuration.
 <traceoptions>—PKI trace options.

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

- Usage** <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <sonet-options>
 <trigger>
 <pll>
 <ignore/>
 <hold-time>...</hold-time>
 </pll>
 </trigger>
 </sonet-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>
- Description** PLL defect trigger.
- Contents** <hold-time>—Delay before marking interface up or down for defect.
 <ignore>—Ignore the defect.

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

Usage <configuration>
 <interfaces>
 <interface>
 <sonet-options>
 <trigger>
 <pll>
 <ignore/>
 <hold-time>...</hold-time>
 </pll>
 </trigger>
 </sonet-options>
 </interface>
 </interfaces>
 </configuration>

Description PLL defect trigger.

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

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <sonet-options>
 <trigger>
 <plm-p>
 <ignore/>
 <hold-time>...</hold-time>
 </plm-p>
 </trigger>
 </sonet-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description PLM-P defect trigger.

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

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

Usage	<pre> <configuration> <interfaces> <interface> <sonet-options> <trigger> <plm-p> <ignore/> <hold-time>...</hold-time> </plm-p> </trigger> </sonet-options> </interface> </interfaces> </configuration> </pre>
Description	PLM-P defect trigger.
Contents	<p><hold-time>—Delay before marking interface up or down for defect.</p> <p><ignore>—Ignore the defect.</p>

<plmn> (configuration/services/ggsn)

Usage	<pre> <configuration> <services> <ggsn> <plmn> <name>name</name> <!-- identifier --> <plmn-id>...</plmn-id> </plmn> </ggsn> </services> </configuration> </pre>
Description	PLMN network data.
Contents	<p><name>—Name of PLMN.</p> <p><plmn-id>—PLMN ID associated with this PLMN.</p>

**<plmn> (configuration/services/ggsn/apn/pdp-context/
session-control/idle-timeout/sgsn-plmn-id)**

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <sgsn-plmn-id>
                <plmn>
                  <name>name</name>    <!-- identifier -->
                  <plmn-id>...</plmn-id>
                </plmn>
              </sgsn-plmn-id>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Timeout settings based on SGSN PLMN.

Contents <name>—Public Land Mobile Network name.

<plmn-id>—PLMN ID of the SGSN.

**<plmn> (configuration/services/ggsn/apn/pdp-context/
session-control/session-timeout/sgsn-plmn-id)**

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <sgsn-plmn-id>
 <plmn>
 <name>name</name> <!-- identifier -->
 <plmn-id>...</plmn-id>
 </plmn>
 </sgsn-plmn-id>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Timeout settings based on SGSN PLMN.

Contents <name>—Public Land Mobile Network name.

 <plmn-id>—PLMN ID of the SGSN.

<plmn> (configuration/services/ggsn/apn/roaming/roaming-class)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <roaming>
 <roaming-class>
 <plmn>
 <name>*name*</name> <!-- identifier -->
 <plmn-id>...</plmn-id> <!-- mandatory -->
 </plmn>
 </roaming-class>
 </roaming>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Public Land Mobile Network name.

Contents <name>—Public Land Mobile Network name.

<plmn-id>—Public Land Mobile Network identifier.

<plmn> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/sgsn-plmn-id)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <idle-timeout>
 <sgsn-plmn-id>
 <plmn>
 <name>*name*</name> <!-- identifier -->
 <plmn-id>...</plmn-id>
 </plmn>
 </sgsn-plmn-id>
 </idle-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Timeout settings based on SGSN PLMN.

Contents <name>—Public Land Mobile Network name.

<plmn-id>—PLMN ID of the SGSN.

<plmn> (configuration/services/ggsn/pdp-context/session-control/session-timeout/sgsn-plmn-id)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <sgsn-plmn-id>
 <plmn>
 <name>*name*</name> <!-- identifier -->
 <plmn-id>...</plmn-id>
 </plmn>
 </sgsn-plmn-id>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
</configuration>

Description Timeout settings based on SGSN PLMN.

Contents <name>—Public Land Mobile Network name.

<plmn-id>—PLMN ID of the SGSN.

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

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <sgsn-plmn-id>
                <plmn>
                  <plmn-id>
                    <name>name</name>    <!-- identifier -->
                    <timeout>minutes</timeout>    <!-- mandatory -->
                    <measurement-type>measurement-type-choice
                      </measurement-type>
                  </plmn-id>
                </plmn>
              </sgsn-plmn-id>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description PLMN ID of the SGSN.

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

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

<name>—SGSN Public Land Mobile Network identifier.

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

<plmn-id> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/sgsn-plmn-id/plmn)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <session-timeout>
              <sgsn-plmn-id>
                <plmn>
                  <plmn-id>
                    <name>name</name>    <!-- identifier -->
                    <timeout>minutes</timeout>    <!-- mandatory -->
                    <measurement-type>measurement-type-choice
                      </measurement-type>
                  </plmn-id>
                </plmn>
              </sgsn-plmn-id>
            </session-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description PLMN ID of the SGSN.

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

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

<name>—SGSN Public Land Mobile Network identifier.

<timeout>—Maximum duration for a context.

<plmn-id> (configuration/services/ggsn/apn/roaming/roaming-class/plmn)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <roaming>
 <roaming-class>
 <plmn>
 <plmn-id>
 <name>*name*</name> <!-- identifier -->
 <rat-types>...</rat-types>
 </plmn-id>
 </plmn>
 </roaming-class>
 </roaming>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Public Land Mobile Network identifier.

Contents <name>—SGSN Public Land Mobile Network identifier.

 <rat-types>—Radio access type (RAT) global defaults.

<plmn-id> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/sgsn-plmn-id/plmn)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <idle-timeout>
            <sgsn-plmn-id>
              <plmn>
                <plmn-id>
                  <name>name</name>    <!-- identifier -->
                  <timeout>minutes</timeout>  <!-- mandatory -->
                  <measurement-type>measurement-type-choice
                    </measurement-type>
                </plmn-id>
              </plmn>
            </sgsn-plmn-id>
          </idle-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description PLMN ID of the SGSN.

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

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

<name>—SGSN Public Land Mobile Network identifier.

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

<plmn-id> (configuration/services/ggsn/pdp-context/session-control/session-timeout/sgsn-plmn-id/plmn)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <sgsn-plmn-id>
              <plmn>
                <plmn-id>
                  <name>name</name>    <!-- identifier -->
                  <timeout>minutes</timeout>    <!-- mandatory -->
                  <measurement-type>measurement-type-choice
                    </measurement-type>
                </plmn-id>
              </plmn>
            </sgsn-plmn-id>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description PLMN ID of the SGSN.

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

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

<name>—SGSN Public Land Mobile Network identifier.

<timeout>—Maximum duration for a context.

<plmn-id> (configuration/services/ggsn/plmn)

Usage <configuration>
 <services>
 <ggsn>
 <plmn>
 <plmn-id>
 <name>name</name> <!-- identifier -->
 <home-plmn/>
 <sgsn-address>...</sgsn-address>
 </plmn-id>
 </plmn>
 </ggsn>
 </services>
 </configuration>

Description PLMN ID associated with this PLMN.

Contents <home-plmn>—This is home PLMN.

 <name>—SGSN Public Land Mobile Network identifier.

 <sgsn-address>—SGSN address associated with this PLMN ID.

<policer> (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>
              <policer>
                <name>name</name>    <!-- identifier -->
                <premium>...</premium>
                <aggregate>...</aggregate>    <!-- mandatory -->
              </policer>
            </ethernet-policer-profile>
          </ethernet-switch-profile>
        </gigether-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Policer template definition.

Contents <aggregate>—Policer to apply to aggregate traffic.

<name>—Policer name.

<premium>—Policer to apply to premium traffic.

<policer> (configuration/dynamic-profiles/interfaces/interface/unit/accept-source-mac/mac-address)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <accept-source-mac>
 <mac-address>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mac-address>
 </accept-source-mac>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description MAC policing.

Contents <input>—Name of policer applied to received packets.

 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <ccc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </ccc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <policer>
 <arp>*arp*</arp>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <arp>—Name of policer applied to received ARP packets.
 <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mpls>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

 <output>—Name of policer applied to transmitted packets.

<policer> (configuration/firewall)

Usage <configuration>
 <firewall>
 <policer>
 <name>*name*</name> <!-- identifier -->
 <filter-specific/>
 <logical-interface-policer/>
 <logical-bandwidth-policer/>
 <if-exceeding>...</if-exceeding>
 <then>...</then>
 </policer>
 </firewall>
 </configuration>

Description Policer template definition.

Contents <filter-specific>—Policer is filter-specific.

 <if-exceeding>—Define rate limits.

 <logical-bandwidth-policer>—Policer uses logical interface bandwidth.

 <logical-interface-policer>—Policer is logical interface policer.

 <name>—Policer name.

 <then>—Action to take if the rate limits are exceeded.

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

Usage <configuration>
 <interfaces>
 <interface>
 <gigether-options>
 <ethernet-switch-profile>
 <ethernet-policer-profile>
 <policer>
 <name>name</name> <!-- identifier -->
 <premium>...</premium>
 <aggregate>...</aggregate> <!-- mandatory -->
 </policer>
 </ethernet-policer-profile>
 </ethernet-switch-profile>
 </gigether-options>
 </interface>
 </interfaces>
 </configuration>

Description Policer template definition.

Contents <aggregate>—Policer to apply to aggregate traffic.

 <name>—Policer name.

 <premium>—Policer to apply to premium traffic.

<policer> (configuration/interfaces/interface/unit/accept-source-mac/mac-address)

- Usage** <configuration>
 <interfaces>
 <interface>
 <unit>
 <accept-source-mac>
 <mac-address>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mac-address>
 </accept-source-mac>
 </unit>
 </interface>
 </interfaces>
 </configuration>
- Description** MAC policing.
- Contents** <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/bridge)

- Usage** <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>
- Description** Interface policing.
- Contents** <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <ccc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/inet)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <policer>
 <arp>*arp*</arp>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <arp>—Name of policer applied to received ARP packets.

<input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/inet6)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/mps)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mps>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mps>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/tcc)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/interfaces/interface/unit/family/vpls)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

<policer> (configuration/logical-systems/firewall)

Usage <configuration>
 <logical-systems>
 <firewall>
 <policer>
 <name>*name*</name> <!-- identifier -->
 <filter-specific/>
 <logical-interface-policer/>
 <logical-bandwidth-policer/>
 <if-exceeding>...</if-exceeding>
 <then>...</then>
 </policer>
 </firewall>
 </logical-systems>
 </configuration>

Description Policer template definition.

Contents <filter-specific>—Policer is filter-specific.

 <if-exceeding>—Define rate limits.

 <logical-bandwidth-policer>—Policer uses logical interface bandwidth.

 <logical-interface-policer>—Policer is logical interface policer.

 <name>—Policer name.

 <then>—Action to take if the rate limits are exceeded.

<policer> (configuration/logical-systems/interfaces/interface/unit/accept-source-mac/mac-address)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <accept-source-mac>
 <mac-address>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mac-address>
 </accept-source-mac>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description MAC policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <bridge>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </bridge>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <ccc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </ccc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

**<policer> (configuration/logical-systems/interfaces/interface/
unit/family/inet)**

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <policer>
 <arp>*arp*</arp>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <arp>—Name of policer applied to received ARP packets.

 <input>—Name of policer applied to received packets.

 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <mpls>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </mpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.
 <output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <vpls>
 <policer>
 <input>*input*</input>
 <output>*output*</output>
 </policer>
 </vpls>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Interface policing.

Contents <input>—Name of policer applied to received packets.

<output>—Name of policer applied to transmitted packets.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ldp>
 <policing>
 <fec>...</fec>
 </policing>
 </ldp>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure policing for an LDP FEC.

Contents <fec>—Forwarding equivalence class.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <policing>
 <filter>*filter*</filter>
 <no-auto-policing/>
 </policing>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Traffic policing for this LSP.

Contents <filter>—Name of filter to use for policing LSP traffic.
 <no-auto-policing>—Turn off automatic policing for this LSP.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <policing>
 <fec>...</fec>
 </policing>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure policing for an LDP FEC.

Contents <fec>—Forwarding equivalence class.

<policing> (configuration/protocols/ldp)

Usage	<pre> <configuration> <protocols> <ldp> <policing> <fec>...</fec> </policing> </ldp> </protocols> </configuration> </pre>
Description	Configure policing for an LDP FEC.
Contents	<fec>—Forwarding equivalence class.

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

Usage	<pre> <configuration> <protocols> <mpls> <label-switched-path> <policing> <filter><i>filter</i></filter> <no-auto-policing/> </policing> </label-switched-path> </mpls> </protocols> </configuration> </pre>
Description	Traffic policing for this LSP.
Contents	<p><filter>—Name of filter to use for policing LSP traffic.</p> <p><no-auto-policing>—Turn off automatic policing for this LSP.</p>

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

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <ldp> <policing> <fec>...</fec> </policing> </ldp> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Configure policing for an LDP FEC.
Contents	<fec>—Forwarding equivalence class.

<policing> (configuration/services/ggsn/apn/pdp-context)

Usage	<pre> <configuration> <services> <ggsn> <apn> <pdp-context> <policing> <maximum-bandwidth-uplink><i>kilobits per second</i> </maximum-bandwidth-uplink> <maximum-bandwidth-downlink><i>kilobits per second</i> </maximum-bandwidth-downlink> <no-policing/> </policing> </pdp-context> </apn> </ggsn> </services> </configuration> </pre>
Description	Policing settings.
Contents	<p><maximum-bandwidth-downlink>—Maximum bandwidth.</p> <p><maximum-bandwidth-uplink>—Maximum bandwidth uplink.</p> <p><no-policing>—Turn policing off.</p>

<policing> (configuration/services/ggsn/pdp-context)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <policing>
 <burst-time>*milliseconds*</burst-time>
 <minimum-burst-value>*bytes*</minimum-burst-value>
 <maximum-burst-value>*kilobytes*
 </maximum-burst-value>
 <maximum-bandwidth-uplink>*kilobits per second*
 </maximum-bandwidth-uplink>
 <maximum-bandwidth-downlink>*kilobits per second*
 </maximum-bandwidth-downlink>
 <no-policing/>
 </policing>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Policing settings.

Contents <burst-time>—Burst time window.

<maximum-bandwidth-downlink>—Maximum bandwidth.

<maximum-bandwidth-uplink>—Maximum bandwidth uplink.

<maximum-burst-value>—Maximum burst value.

<minimum-burst-value>—Minimum burst value.

<no-policing>—Turn policing off.

<policy> (configuration/event-options)

Usage <configuration>
 <event-options>
 <policy>
 <name>*name*</name> <!-- identifier -->
 <events>...</events> <!-- mandatory -->
 <within>...</within>
 <attributes-match>...</attributes-match>
 <then>...</then> <!-- mandatory -->
 </policy>
 </event-options>
 </configuration>

Description Event policy for event policy manager.

Contents <attributes-match>—List of attributes to compare for two events.

<events>—List of events that trigger this policy.

<name>—Name of policy.

<then>—List of actions to perform when policy matches.

<within>—List of events correlated with triggering events.

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

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <policy>
 <name>*name*</name> <!-- identifier -->
 </policy>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Name of policy to evaluate.

Contents <name>—Name of policy to evaluate.

**<policy> (configuration/logical-systems/policy-options/
policy-statement/term/from)**

Usage	<pre> <configuration> <logical-systems> <policy-options> <policy-statement> <term> <from> <policy> <name>name</name> <!-- identifier --> </policy> </from> </term> </policy-statement> </policy-options> </logical-systems> </configuration> </pre>
Description	Name of policy to evaluate.
Contents	<name>—Name of policy to evaluate.

**<policy> (configuration/logical-systems/policy-options/
policy-statement/term/to)**

Usage	<pre> <configuration> <logical-systems> <policy-options> <policy-statement> <term> <to> <policy> <name>name</name> <!-- identifier --> </policy> </to> </term> </policy-statement> </policy-options> </logical-systems> </configuration> </pre>
Description	Name of policy to evaluate.
Contents	<name>—Name of policy to evaluate.

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

Usage	<pre> <configuration> <logical-systems> <policy-options> <policy-statement> <to> <policy> <name>name</name> <!-- identifier --> </policy> </to> </policy-statement> </policy-options> </logical-systems> </configuration> </pre>
Description	Name of policy to evaluate.
Contents	<name>—Name of policy to evaluate.

<policy> (configuration/logical-systems/protocols/bgp/group/neighbor/traceoptions/flag/filter)

Usage	<pre> <configuration> <logical-systems> <protocols> <bgp> <group> <neighbor> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </neighbor> </group> </bgp> </protocols> </logical-systems> </configuration> </pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/logical-systems/protocols/bgp/group/traceoptions/flag/filter)

Usage	<pre> <configuration> <logical-systems> <protocols> <bgp> <group> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </group> </bgp> </protocols> </logical-systems> </configuration> </pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/logical-systems/protocols/bgp/traceoptions/flag/filter)

Usage	<pre> <configuration> <logical-systems> <protocols> <bgp> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </bgp> </protocols> </logical-systems> </configuration> </pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/logical-systems/protocols/ldp/next-hop/merged)

Usage	<pre><configuration> <logical-systems> <protocols> <ldp> <next-hop> <merged> <policy> <name>name</name> <!-- identifier --> </policy> </merged> </next-hop> </ldp> </protocols> </logical-systems> </configuration></pre>
Description	Merged next-hop policy.
Contents	<name>—Merged next-hop policy.

<policy> (configuration/logical-systems/protocols/ldp/traceoptions/flag/filter)

Usage	<pre><configuration> <logical-systems> <protocols> <ldp> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </ldp> </protocols> </logical-systems> </configuration></pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/logical-systems/protocols/pim/traceoptions/flag/filter)

Usage <configuration>
 <logical-systems>
 <protocols>
 <pim>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>*name*</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </pim>
 </protocols>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/logical-systems/protocols/rip/traceoptions/flag/filter)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rip>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>*name*</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </rip>
 </protocols>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/traceoptions/flag/filter)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <traceoptions>
                  <flag>
                    <filter>
                      <policy>
                        <name>name</name>    <!-- identifier -->
                      </policy>
                    </filter>
                  </flag>
                </traceoptions>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Filter policy.

Contents <name>—Filter policy.

**<policy> (configuration/logical-systems/routing-instances/
instance/protocols/bgp/group/traceoptions/flag/filter)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

**<policy> (configuration/logical-systems/routing-instances/
instance/protocols/bgp/traceoptions/flag/filter)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

**<policy> (configuration/logical-systems/routing-instances/
instance/protocols/ldp/next-hop/merged)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <next-hop>
 <merged>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </merged>
 </next-hop>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Merged next-hop policy.

Contents <name>—Merged next-hop policy.

<policy> (configuration/logical-systems/routing-instances/instance/protocols/ldp/traceoptions/flag/filter)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/logical-systems/routing-instances/instance/protocols/pim/traceoptions/flag/filter)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/logical-systems/routing-instances/instance/protocols/rip/traceoptions/flag/filter)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

**<policy> (configuration/logical-systems/routing-instances/
instance/routing-options/flow/validation/traceoptions/flag/filter)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <validation>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </validation>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

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

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <generate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </generate> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

<policy> (configuration/logical-systems/routing-instances/instance/routing-options/multicast/flow-map)

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <multicast> <flow-map> <policy> <name>name</name> <!-- identifier --> </policy> </flow-map> </multicast> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Policy for matched flows.
Contents	<name>—Policy for matched flows.

<policy> (configuration/logical-systems/routing-instances/instance/routing-options/multicast/ssm-map)

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<multicast>`
 `<ssm-map>`
 <policy>
 `<name>name</name>` `<!-- identifier -->`
 </policy>
 `</ssm-map>`
 `</multicast>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description Policy for matching group.

Contents `<name>`—Policy for matching group.

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

Usage `<configuration>`
 `<logical-systems>`
 `<routing-instances>`
 `<instance>`
 `<routing-options>`
 `<rib>`
 `<aggregate>`
 `<route>`
 <policy>
 `<name>name</name>` `<!-- identifier -->`
 </policy>
 `</route>`
 `</aggregate>`
 `</rib>`
 `</routing-options>`
 `</instance>`
 `</routing-instances>`
 `</logical-systems>`
`</configuration>`

Description Policy filter.

Contents `<name>`—Policy filter.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </routing-options>
 </logical-systems>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

<policy> (configuration/logical-systems/routing-options/flow/validation/traceoptions/flag/filter)

Usage	<pre><configuration> <logical-systems> <routing-options> <flow> <validation> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </validation> </flow> </routing-options> </logical-systems> </configuration></pre>
Description	Filter policy.
Contents	<name>—Filter policy.

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

Usage	<pre><configuration> <logical-systems> <routing-options> <generate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </generate> </routing-options> </logical-systems> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

<policy> (configuration/logical-systems/routing-options/multicast/flow-map)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <multicast>
 <flow-map>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </flow-map>
 </multicast>
 </routing-options>
 </logical-systems>
 </configuration>

Description Policy for matched flows.

Contents <name>—Policy for matched flows.

<policy> (configuration/logical-systems/routing-options/multicast/ssm-map)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <multicast>
 <ssm-map>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </ssm-map>
 </multicast>
 </routing-options>
 </logical-systems>
 </configuration>

Description Policy for matching group.

Contents <name>—Policy for matching group.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <generate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </generate>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

<policy> (configuration/policy-options/policy-statement/from)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </from>
</policy-statement>
</policy-options>
</configuration>

Description Name of policy to evaluate.

Contents <name>—Name of policy to evaluate.

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

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </from>
</term>
</policy-statement>
</policy-options>
</configuration>

Description Name of policy to evaluate.

Contents <name>—Name of policy to evaluate.

<policy> (configuration/policy-options/policy-statement/term/to)

Usage	<pre> <configuration> <policy-options> <policy-statement> <term> <to> <policy> <name>name</name> <!-- identifier --> </policy> </to> </term> </policy-statement> </policy-options> </configuration> </pre>
Description	Name of policy to evaluate.
Contents	<name>—Name of policy to evaluate.

<policy> (configuration/policy-options/policy-statement/to)

Usage	<pre> <configuration> <policy-options> <policy-statement> <to> <policy> <name>name</name> <!-- identifier --> </policy> </to> </policy-statement> </policy-options> </configuration> </pre>
Description	Name of policy to evaluate.
Contents	<name>—Name of policy to evaluate.

<policy> (configuration/protocols/bgp/group/neighbor/traceoptions/flag/filter)

Usage	<pre> <configuration> <protocols> <bgp> <group> <neighbor> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </neighbor> </group> </bgp> </protocols> </configuration> </pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/protocols/bgp/group/traceoptions/flag/filter)

Usage	<pre> <configuration> <protocols> <bgp> <group> <traceoptions> <flag> <filter> <policy> <name>name</name> <!-- identifier --> </policy> </filter> </flag> </traceoptions> </group> </bgp> </protocols> </configuration> </pre>
Description	Filter policy.
Contents	<name>—Filter policy.

<policy> (configuration/protocols/bgp/traceoptions/flag/filter)

Usage <configuration>
 <protocols>
 <bgp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </bgp>
 </protocols>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/protocols/ldp/next-hop/merged)

Usage <configuration>
 <protocols>
 <ldp>
 <next-hop>
 <merged>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </merged>
 </next-hop>
 </ldp>
 </protocols>
 </configuration>

Description Merged next-hop policy.

Contents <name>—Merged next-hop policy.

<policy> (configuration/protocols/ldp/traceoptions/flag/filter)

Usage <configuration>
 <protocols>
 <ldp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
</flag>
</traceoptions>
</ldp>
</protocols>
</configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/protocols/pim/traceoptions/flag/filter)

Usage <configuration>
 <protocols>
 <pim>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
</flag>
</traceoptions>
</pim>
</protocols>
</configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/protocols/rip/traceoptions/flag/filter)

Usage <configuration>
 <protocols>
 <rip>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </rip>
 </protocols>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/bgp/group/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/bgp/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/ldp/next-hop/merged)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <next-hop>
 <merged>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </merged>
 </next-hop>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Merged next-hop policy.

Contents <name>—Merged next-hop policy.

<policy> (configuration/routing-instances/instance/protocols/ldp/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ldp>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </ldp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/pim/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

<policy> (configuration/routing-instances/instance/protocols/rip/traceoptions/flag/filter)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Filter policy.

Contents <name>—Filter policy.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

<policy> (configuration/routing-instances/instance/routing-options/flow/validation/traceoptions/flag/filter)

Usage `<configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <validation>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </validation>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>`

Description Filter policy.

Contents <name>—Filter policy.

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

Usage `<configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>`

Description Policy filter.

Contents <name>—Policy filter.

<policy> (configuration/routing-instances/instance/routing-options/multicast/flow-map)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <flow-map>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </flow-map>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Policy for matched flows.

Contents <name>—Policy for matched flows.

<policy> (configuration/routing-instances/instance/routing-options/multicast/ssm-map)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <ssm-map>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </ssm-map>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Policy for matching group.

Contents <name>—Policy for matching group.

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

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <rib> <aggregate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </aggregate> </rib> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

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

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <rib> <generate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </generate> </rib> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

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

Usage <configuration>
 <routing-options>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </routing-options>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

<policy> (configuration/routing-options/flow/validation/traceoptions/flag/filter)

Usage <configuration>
 <routing-options>
 <flow>
 <validation>
 <traceoptions>
 <flag>
 <filter>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </filter>
 </flag>
 </traceoptions>
 </validation>
 </flow>
</routing-options>
</configuration>

Description Filter policy.

Contents <name>—Filter policy.

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

Usage	<pre><configuration> <routing-options> <generate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </generate> </routing-options> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

<policy> (configuration/routing-options/multicast/flow-map)

Usage	<pre><configuration> <routing-options> <multicast> <flow-map> <policy> <name>name</name> <!-- identifier --> </policy> </flow-map> </multicast> </routing-options> </configuration></pre>
Description	Policy for matched flows.
Contents	<name>—Policy for matched flows.

<policy> (configuration/routing-options/multicast/ssm-map)

Usage <configuration>
 <routing-options>
 <multicast>
 <ssm-map>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </ssm-map>
 </multicast>
 </routing-options>
 </configuration>

Description Policy for matching group.

Contents <name>—Policy for matching group.

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

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <policy>
 <name>name</name> <!-- identifier -->
 </policy>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description Policy filter.

Contents <name>—Policy filter.

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

Usage	<pre><configuration> <routing-options> <rib> <generate> <route> <policy> <name>name</name> <!-- identifier --> </policy> </route> </generate> </rib> </routing-options> </configuration></pre>
Description	Policy filter.
Contents	<name>—Policy filter.

<policy> (configuration/security/ike)

Usage <configuration>
 <security>
 <ike>
 <policy>
 <name>*name*</name> <!-- identifier -->
 <mode>*mode-choice*</mode>
 <description>*description*</description>
 <proposals>...</proposals>
 <local-certificate>*local-certificate*</local-certificate>
 <local-key-pair>*local-key-pair*</local-key-pair>
 <encoding>*encoding-choice*</encoding>
 <identity>*identity*</identity>
 <pre-shared-key>...</pre-shared-key>
 </policy>
 </ike>
 </security>
 </configuration>

Description Define an IKE policy.

Contents <description>—Text description of IKE policy.

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

■ binary—DER encoding.

■ pem—Privacy-enhanced-mail encoding, base64.

<identity>—Define the remote certificate name.

<local-certificate>—File to read certificate from.

<local-key-pair>—File to read key-pair from.

<mode>—Define the IKE first phase mode.

■ aggressive—Aggressive mode.

■ main—Main mode.

<name>—IKE peer address.

<pre-shared-key>—Define a preshared key.

<proposals>—Define the set of IKE proposals.

<policy> (configuration/security/ipsec)

Usage <configuration>
 <security>
 <ipsec>
 <policy>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <perfect-forward-secrecy>...</perfect-forward-secrecy>
 <proposals>...</proposals>
 </policy>
 </ipsec>
 </security>
 </configuration>

Description Define an IPSec policy.

Contents <description>—Text description of IPSec policy.
 <name>—Name of the IPSec policy.
 <perfect-forward-secrecy>—Define perfect forward secrecy.
 <proposals>—Define the set of IPSec proposals.

<policy> (configuration/services/ipsec-vpn/ike)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ike>
 <policy>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <mode>*mode-choice*</mode>
 <proposals>...</proposals>
 <local-id>...</local-id>
 <local-certificate>*local-certificate*</local-certificate>
 <remote-id>...</remote-id>
 <pre-shared-key>...</pre-shared-key>
 </policy>
 </ike>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define an IKE policy.

Contents <description>—Text description of IKE policy.

<local-certificate>—Local certificate identifier.

<local-id>—Define local identification.

<mode>—Define the IKE first phase mode.

■ aggressive—Aggressive mode.

■ main—Main mode.

<name>—Name of the IKE policy.

<pre-shared-key>—Define a preshared key.

<proposals>—Define the set of IKE proposals.

<remote-id>—Define remote identification.

<policy> (configuration/services/ipsec-vpn/ipsec)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ipsec>
 <policy>
 <name>name</name> <!-- identifier -->
 <description>description</description>
 <perfect-forward-secrecy>...</perfect-forward-secrecy>
 <proposals>...</proposals>
 </policy>
 </ipsec>
 </ipsec-vpn>
 </services>
</configuration>

Description Define an IPSec policy.

Contents <description>—Text description of IPSec policy.

 <name>—Name of the IPSec policy.

 <perfect-forward-secrecy>—Define perfect forward secrecy.

 <proposals>—Define the set of IPSec proposals.

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <policy-control>
 <dynamic>...</dynamic>
 <static>...</static>
 </policy-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Policy control.

Contents <dynamic>—Dynamic policy control.

 <static>—Static policy control.

**<policy-decision-statistics-profile> (configuration/
accounting-options)**

Usage	<pre><configuration> <accounting-options> <policy-decision-statistics-profile> <name>name</name> <!-- identifier --> <file>file</file> <application-aware-access-list-fields>... </application-aware-access-list-fields> <!-- mandatory --> </policy-decision-statistics-profile> </accounting-options> </configuration></pre>
Description	Profile for policy decision bulkstats.
Contents	<p><application-aware-access-list-fields>—List of attributes to be stored in bulkstats file.</p> <p><file>—Name of bulkstats file.</p> <p><name>—Name of stats profile.</p>

**<policy-decision-statistics-profile> (configuration/services/
service-set)**

Usage	<pre><configuration> <services> <service-set> <policy-decision-statistics-profile> <profile-name>profile-name</profile-name> </policy-decision-statistics-profile> </service-set> </services> </configuration></pre>
Description	Define policy decision statistics profile.
Contents	<p><profile-name>—Policy decision statistics profile name.</p>

<policy-name> (configuration/services/border-signaling-gateway/gateway/sip/new-call-usage-policy-set)

Usage <configuration>
 <services>
 <border-signaling-gateway>
 <gateway>
 <sip>
 <new-call-usage-policy-set>
 <policy-name>
 <name>name</name> <!-- identifier -->
 </policy-name>
 </new-call-usage-policy-set>
 </sip>
 </gateway>
 </border-signaling-gateway>
 </services>
 </configuration>

Description Policy name.

Contents <name>—Policy name.

<policy-name> (configuration/services/border-signaling-gateway/gateway/sip/new-transaction-policy-set)

Usage <configuration>
 <services>
 <border-signaling-gateway>
 <gateway>
 <sip>
 <new-transaction-policy-set>
 <policy-name>
 <name>name</name> <!-- identifier -->
 </policy-name>
 </new-transaction-policy-set>
 </sip>
 </gateway>
 </border-signaling-gateway>
 </services>
 </configuration>

Description Policy name.

Contents <name>—Policy name.

<policy-options> (configuration)

Usage <configuration>
 <policy-options>
 <prefix-list>...</prefix-list>
 <policy-statement>...</policy-statement>
 <community>...</community>
 <as-path>...</as-path>
 <as-path-group>...</as-path-group>
 <damping>...</damping>
 <condition>...</condition>
 </policy-options>
 </configuration>

Description Routing policy option configuration.

Contents <as-path>—BGP autonomous system path regular expression.
 <as-path-group>—Group a set of AS paths.
 <community>—BGP community information.
 <condition>—Define a route advertisement condition.
 <damping>—BGP route flap damping properties.
 <policy-statement>—Routing policy.
 <prefix-list>—Define a named set of address prefixes.

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

Usage <configuration>
 <logical-systems>
 <policy-options>
 <prefix-list>...</prefix-list>
 <policy-statement>...</policy-statement>
 <community>...</community>
 <as-path>...</as-path>
 <as-path-group>...</as-path-group>
 <damping>...</damping>
 <condition>...</condition>
 </policy-options>
 </logical-systems>
</configuration>

Description Routing policy option configuration.

Contents <as-path>—BGP autonomous system path regular expression.

<as-path-group>—Group a set of AS paths.

<community>—BGP community information.

<condition>—Define a route advertisement condition.

<damping>—BGP route flap damping properties.

<policy-statement>—Routing policy.

<prefix-list>—Define a named set of address prefixes.

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

Usage	<pre> <configuration> <logical-systems> <policy-options> <policy-statement> <name>name</name> <!-- identifier --> <term>...</term> <from>...</from> <to>...</to> <then>...</then> </policy-statement> </policy-options> </logical-systems> </configuration> </pre>
Description	Routing policy.
Contents	<p><from>—Conditions to match the source of a route.</p> <p><name>—Name to identify a policy filter.</p> <p><term>—Policy term.</p> <p><then>—Actions to take if 'from' and 'to' conditions match.</p> <p><to>—Conditions to match the destination of a route.</p>

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

Usage	<pre> <configuration> <policy-options> <policy-statement> <name>name</name> <!-- identifier --> <term>...</term> <from>...</from> <to>...</to> <then>...</then> </policy-statement> </policy-options> </configuration> </pre>
Description	Routing policy.
Contents	<p><from>—Conditions to match the source of a route.</p> <p><name>—Name to identify a policy filter.</p> <p><term>—Policy term.</p> <p><then>—Actions to take if 'from' and 'to' conditions match.</p> <p><to>—Conditions to match the destination of a route.</p>

<pool> (configuration/access/address-assignment)

Usage `<configuration>
 <access>
 <address-assignment>
 <pool>
 <name>name</name> <!-- identifier -->
 <family>...</family>
 </pool>
 </address-assignment>
 </access>
</configuration>`

Description Address pool.

Contents `<family>`—Address family.
 `<name>`—Address pool name.

<pool> (configuration/logical-systems/access/address-assignment)

Usage `<configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <name>name</name> <!-- identifier -->
 <family>...</family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
</configuration>`

Description Address pool.

Contents `<family>`—Address family.
 `<name>`—Address pool name.

<pool> (configuration/logical-systems/routing-instances/instance/access/address-assignment)

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <access> <address-assignment> <pool> <name>name</name> <!-- identifier --> <family>...</family> </pool> </address-assignment> </access> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Address pool.
Contents	<p><family>—Address family.</p> <p><name>—Address pool name.</p>

<pool> (configuration/routing-instances/instance/access/address-assignment)

Usage	<pre><configuration> <routing-instances> <instance> <access> <address-assignment> <pool> <name>name</name> <!-- identifier --> <family>...</family> </pool> </address-assignment> </access> </instance> </routing-instances> </configuration></pre>
Description	Address pool.
Contents	<p><family>—Address family.</p> <p><name>—Address pool name.</p>

<pool> (configuration/services/nat)

Usage	<pre> <configuration> <services> <nat> <pool> <name>name</name> <!-- identifier --> <pgcp>...</pgcp> <address>...</address> <address-range>...</address-range> <port>...</port> </pool> </nat> </services> </configuration> </pre>
Description	Define a NAT pool.
Contents	<p><address>—Address or address prefix for NAT.</p> <p><address-range>—Range of addresses for NAT.</p> <p><name>—Pool name.</p> <p><pgcp>—NAT pool should be used exclusive by the pgcp service.</p> <p><port>—Specify ports for NAT.</p>

<pool> (configuration/services/service-interface-pools)

Usage	<pre> <configuration> <services> <service-interface-pools> <pool> <name>name</name> <!-- identifier --> <interface>...</interface> </pool> </service-interface-pools> </services> </configuration> </pre>
Description	Define service interface pool.
Contents	<p><interface>—Service interface name.</p> <p><name>—Service interface pool name.</p>

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <pool>
 <name>*name*</name> <!-- identifier -->
 <address-range>...</address-range>
 <exclude-address>...</exclude-address>
 <maximum-lease-time>*maximum-lease-time-choice*</maximum-lease-time>
 <default-lease-time>*default-lease-time-choice*</default-lease-time>
 <domain-name>*domain-name*</domain-name>
 <name-server>...</name-server>
 <domain-search>...</domain-search>
 <wins-server>...</wins-server>
 <router>...</router>
 <boot-file>*boot-file*</boot-file>
 <boot-server>*boot-server*</boot-server>
 <next-server>*next-server*</next-server>
 <server-identifier>*server-identifier*</server-identifier>
 <option>...</option>
 </pool>
 </dhcp>
 </services>
 </system>
 </configuration>

Description DHCP address pool.

Contents <address-range>—Range of addresses to choose from.

<boot-file>—Boot filename advertised to clients.

<boot-server>—Boot server advertised to clients.

<default-lease-time>—Default lease time advertised to clients.

- **infinite**—Lease never expires.
- **length**—Number of seconds.

<domain-name>—Domain name advertised to clients.

<domain-search>—Domain search list used to resolve hostnames.

<exclude-address>—Address to exclude from pool.

<maximum-lease-time>—Maximum lease time advertised to clients.

- **infinite**—Lease time can be infinite.
- **length**—Maximum lease time (60..4294967295 seconds).

<name>—Logical subnet address/netmask.

<name-server>—Domain name servers available to the client.

<next-server>—Next server that clients need to contact.

<option>—DHCP option.

<router>—Routers advertised to clients.

<server-identifier>—DHCP server identifier advertised to clients.

<wins-server>—NetBIOS name servers.

<pool-match-order> (configuration/logical-systems/ routing-instances/instance/system/services/dhcp-local-server)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <pool-match-order>
                <name>name</name>    <!-- identifier -->
              </pool-match-order>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Define order of attribute matching for pool selection.

Contents <name>—Match type.

- external-authority—External authority handles address selection.
- ip-address-first—IP address used first to select a pool.
- option-82—Option 82 used in matching of pool.

<pool-match-order> (configuration/logical-systems/system/services/dhcp-local-server)

Usage <configuration>
 <logical-systems>
 <system>
 <services>
 <dhcp-local-server>
 <pool-match-order>
 <name>*name*</name> <!-- identifier -->
 </pool-match-order>
 </dhcp-local-server>
 </services>
 </system>
 </logical-systems>
 </configuration>

Description Define order of attribute matching for pool selection.

Contents <name>—Match type.

- external-authority—External authority handles address selection.
- ip-address-first—IP address used first to select a pool.
- option-82—Option 82 used in matching of pool.

<pool-match-order> (configuration/routing-instances/instance/system/services/dhcp-local-server)

Usage <configuration>
 <routing-instances>
 <instance>
 <system>
 <services>
 <dhcp-local-server>
 <pool-match-order>
 <name>*name*</name> <!-- identifier -->
 </pool-match-order>
 </dhcp-local-server>
 </services>
 </system>
 </instance>
 </routing-instances>
 </configuration>

Description Define order of attribute matching for pool selection.

Contents <name>—Match type.

- external-authority—External authority handles address selection.
- ip-address-first—IP address used first to select a pool.
- option-82—Option 82 used in matching of pool.

<pool-match-order> (configuration/services/mobile-ip/home-agent)

Usage <configuration>
 <services>
 <mobile-ip>
 <home-agent>
 <pool-match-order>
 <name>*name*</name> <!-- identifier -->
 </pool-match-order>
 </home-agent>
 </mobile-ip>
 </services>
 </configuration>

Description Define order of attribute matching for pool selection.

Contents <name>—Match type.

- external-authority—External authority handles address selection.
- home-agent-address—Home agent IP address is used to select the Pool.

<pool-match-order> (configuration/system/services/dhcp-local-server)

Usage <configuration>
 <system>
 <services>
 <dhcp-local-server>
 <pool-match-order>
 <name>name</name> <!-- identifier -->
 </pool-match-order>
 </dhcp-local-server>
 </services>
 </system>
 </configuration>

Description Define order of attribute matching for pool selection.

Contents <name>—Match type.

- external-authority—External authority handles address selection.
- ip-address-first—IP address used first to select a pool.
- option-82—Option 82 used in matching of pool.

<pop-all-labels> (configuration/dynamic-profiles/interfaces/interface/atm-options/mpls)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <atm-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </atm-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/dynamic-profiles/interfaces/interface/fastether-options/mpls)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <fastether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </fastether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/dynamic-profiles/interfaces/interface/gigether-options/mpls)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/dynamic-profiles/interfaces/ interface/sonet-options/mpls)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <sonet-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </sonet-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/interfaces/interface/ atm-options/mpls)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/interfaces/interface/fastether-options/mpls)

Usage <configuration>
 <interfaces>
 <interface>
 <fastether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </fastether-options>
 </interface>
 </interfaces>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/interfaces/interface/gigether-options/mpls)

Usage <configuration>
 <interfaces>
 <interface>
 <gigether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </gigether-options>
 </interface>
 </interfaces>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

<pop-all-labels> (configuration/interfaces/interface/sonet-options/mpls)

Usage <configuration>
 <interfaces>
 <interface>
 <sonet-options>
 <mpls>
 <pop-all-labels>
 <required-depth>...</required-depth>
 </pop-all-labels>
 </mpls>
 </sonet-options>
 </interface>
 </interfaces>
 </configuration>

Description Pop all MPLS labels off incoming packets.

Contents <required-depth>—Required label depth of packet to pop all labels.

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

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule>
 <term>
 <from>
 <pop3>
 <user>...</user>
 <operation>...</operation>
 </pop3>
 </from>
 </term>
 </pop3-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Match POP3 sessions.

Contents <operation>—Limit match to operation being performed.

<user>—Match user.

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

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule>
 <name>name</name> <!-- identifier -->
 <term>...</term> <!-- mandatory -->
 </pop3-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description POP3 rule.

Contents <name>—Rule name.
 <term>—Define a service identification term.

<pop3-rule-set> (configuration/services/ggsn/service-identification)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule-set>
 <name>name</name> <!-- identifier -->
 <rule>...</rule>
 </pop3-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Define a set of POP3 rules.

Contents <name>—Name of the rule set.
 <rule>—Rule to be included in this rule set.

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

Usage <configuration>
 <chassis>
 <fpc>
 <pic>
 <port>
 <name>*name*</name> <!-- identifier -->
 <framing>*framing-choice*</framing>
 </port>
 </pic>
 </fpc>
 </chassis>
 </configuration>

Description Port number.

Contents <framing>—Framing mode.

- e1—E1 mode.
- e3—E3 mode.
- sdh—SDH mode.
- sonet—SONET mode.
- t1—T1 mode.
- t3—T3 mode.

<name>—Port number.

<port> (configuration/chassis/fpc/pic/ct3)

Usage	<pre><configuration> <chassis> <fpc> <pic> <ct3> <port> <name>name</name> <!-- identifier --> <t1>...</t1> </port> </ct3> </pic> </fpc> </chassis> </configuration></pre>
Description	CT3 port.
Contents	<p><name>—CT3 port number.</p> <p><t1>—T1 link.</p>

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

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <port>
 <name>*name*</name> <!-- identifier -->
 <framing>*framing-choice*</framing>
 </port>
 </pic>
 </fpc>
 </lcc>
 </chassis>
 </configuration>

Description Port number.

Contents <framing>—Framing mode.

- e1—E1 mode.
- e3—E3 mode.
- sdh—SDH mode.
- sonet—SONET mode.
- t1—T1 mode.
- t3—T3 mode.

<name>—Port number.

<port> (configuration/chassis/lcc/fpc/pic/ct3)

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

Description CT3 port.

Contents <name>—CT3 port number.
 <t1>—T1 link.

<port> (configuration/dynamic-profiles/interfaces/interface/unit/compression/rtp)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <compression>
 <rtp>
 <port>
 <minimum>*minimum*</minimum> <!-- mandatory -->
 <maximum>*maximum*</maximum> <!-- mandatory -->
 </port>
 </rtp>
 </compression>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description UDP destination ports reserved for RTP packets.

Contents <maximum>—No documentation is available yet.
 <minimum>—No documentation is available yet.

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

Usage <configuration>
 <firewall>
 <family>
 <bridge>
 <filter>
 <term>
 <from>
 <port>
 <name>*name*</name> <!-- identifier -->
 </port>
 </from>
 </term>
 </filter>
 </bridge>
 </family>
 </firewall>
 </configuration>

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <port>
 <name>*name*</name> <!-- identifier -->
 </port>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
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- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.

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

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage <configuration>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
<port>
 <name>*name*</name> <!-- identifier -->
</port>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </configuration>

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage <configuration>
 <firewall>
 <family>
 <vpls>
 <filter>
 <term>
 <from>
 <port>
 <name>*name*</name> <!-- identifier -->
 </port>
 </from>
 </term>
 </filter>
 </vpls>
 </family>
 </firewall>
 </configuration>

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <port>
 <name>*name*</name> <!-- identifier -->
 </port>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

<port> (configuration/forwarding-options/helpers)

Usage	<pre> <configuration> <forwarding-options> <helpers> <port> <name>name</name> <!-- identifier --> <description>description</description> <server>...</server> <interface>...</interface> </port> </helpers> </forwarding-options> </configuration> </pre>
Description	Incoming arbitrary protocol request forwarding configuration.
Contents	<p><description>—Text description of server.</p> <p><interface>—Incoming request forwarding interface configuration.</p> <p><name>—Port number of the protocol to listen.</p> <p><server>—Server information.</p>

<port> (configuration/interfaces/interface/unit/compression/rtp)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <compression> <rtp> <port> <minimum>minimum</minimum> <!-- mandatory --> <maximum>maximum</maximum> <!-- mandatory --> </port> </rtp> </compression> </unit> </interface> </interfaces> </configuration> </pre>
Description	UDP destination ports reserved for RTP packets.
Contents	<p><maximum>—No documentation is available yet.</p> <p><minimum>—No documentation is available yet.</p>

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

Usage

```

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

```

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
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- cmd—UNIX rsh.
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- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
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- ekshell—Encrypted Kerberos rsh.
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- finger—Finger.
- ftp—FTP.

- `ftp-data`—FTP data.
- `http`—Hypertext Transfer Protocol.
- `https`—Secure HTTP.
- `ident`—Ident.
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- `kerberos-sec`—Kerberos Security.
- `klogin`—Kerberos rlogin.
- `kpasswd`—Kerberos passwd.
- `krb-prop`—Kerberos database propagation.
- `krbupdate`—Kerberos database update.
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- `ldap`—Lightweight Directory Access Protocol.
- `ldp`—Label Distribution Protocol.
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- `mobileip-mn`—Mobile IP MN.
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- `ntp`—Network Time Protocol.
- `pop3`—Post Office Protocol 3.
- `pptp`—Point-to-Point Tunneling Protocol.
- `printer`—Printer.
- `radacct`—RADIUS accounting.

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
- bootpc—Bootstrap protocol client.
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- ekshell—Encrypted Kerberos rsh.
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- finger—Finger.
- ftp—FTP.

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

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

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

Usage

```

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

```

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
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- bootps—Bootstrap protocol server.
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- dhcp—Dynamic Host Configuration Protocol.
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

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

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

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

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

Description Match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

<port> (configuration/logical-systems/interfaces/interface/unit/compression/rtp)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <compression>
 <rtp>
 <port>
 <minimum>*minimum*</minimum> <!-- mandatory -->
 <maximum>*maximum*</maximum> <!-- mandatory -->
 </port>
 </rtp>
 </compression>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description UDP destination ports reserved for RTP packets.

Contents <maximum>—No documentation is available yet.

 <minimum>—No documentation is available yet.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <port>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <server>...</server>
 <interface>...</interface>
 </port>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Incoming arbitrary protocol request forwarding configuration.

Contents <description>—Text description of server.

 <interface>—Incoming request forwarding interface configuration.

 <name>—Port number of the protocol to listen.

 <server>—Server information.

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

Usage

```

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

```

Description Source or destination TCP/UDP port.

Contents <name>—No documentation is available yet.

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

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

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

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

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

Description Source or destination TCP/UDP port.

Contents <name>—No documentation is available yet.

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

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

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

<port> (configuration/routing-instances/instance/forwarding-options/helpers)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <port>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <server>...</server>
 <interface>...</interface>
 </port>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Incoming arbitrary protocol request forwarding configuration.

Contents <description>—Text description of server.

 <interface>—Incoming request forwarding interface configuration.

 <name>—Port number of the protocol to listen.

 <server>—Server information.

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

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

Description Source or destination TCP/UDP port.

Contents <name>—No documentation is available yet.

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

- ftp-data—FTP data.
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- https—Secure HTTP.
- ident—Ident.
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- kerberos-sec—Kerberos Security.
- klogin—Kerberos rlogin.
- kpasswd—Kerberos passwd.
- krb-prop—Kerberos database propagation.
- krbupdate—Kerberos database update.
- kshell—Kerberos rsh.
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- ldap—Label Distribution Protocol.
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- snpp—Simple paging protocol.
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- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

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

Usage <configuration>
 <routing-options>
 <flow>
 <route>
 <match>
 <port>
 <name>*name*</name> <!-- identifier -->
 </port>
 </match>
 </route>
 </flow>
 </routing-options>
 </configuration>

Description Source or destination TCP/UDP port.

Contents <name>—No documentation is available yet.

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- expression—No documentation is available yet.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.

- `ident`—Ident.
- `imap`—Internet Message Access Protocol.
- `kerberos-sec`—Kerberos Security.
- `klogin`—Kerberos rlogin.
- `kpasswd`—Kerberos passwd.
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- `nntp`—Network News Transport Protocol.
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- `ntp`—Network Time Protocol.
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- `printer`—Printer.
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- `radius`—RADIUS authentication.
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- `rkinit`—Kerberos remote kinit.

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

<port> (configuration/services/border-signaling-gateway/gateway/service-point)

Usage	<pre> <configuration> <services> <border-signaling-gateway> <gateway> <service-point> <port> <name>name</name> <!-- identifier --> <transport-protocol>...</transport-protocol> <address>address</address> </port> </service-point> </gateway> </border-signaling-gateway> </services> </configuration> </pre>
Description	No documentation is available yet.
Contents	<p><address>—No documentation is available yet.</p> <p><name>—Port number.</p> <p><transport-protocol>—No documentation is available yet.</p>

<port> (configuration/services/nat/pool)

Usage	<pre> <configuration> <services> <nat> <pool> <port> <automatic>...</automatic> <range>...</range> </port> </pool> </nat> </services> </configuration> </pre>
Description	Specify ports for NAT.
Contents	<p><automatic>—No documentation is available yet.</p> <p><range>—Range of ports.</p>

<port-data> (configuration/forwarding-options/hash-key/family/mpls/payload/ip)

Usage

```

<configuration>
  <forwarding-options>
    <hash-key>
      <family>
        <mpls>
          <payload>
            <ip>
              <port-data>
                <source-msb/>
                <source-lsb/>
                <destination-msb/>
                <destination-lsb/>
              </port-data>
            </ip>
          </payload>
        </mpls>
      </family>
    </hash-key>
  </forwarding-options>
</configuration>

```

Description No documentation is available yet.

Contents

- <destination-lsb>—Include the least significant byte of the destination port.
- <destination-msb>—Include the most significant byte of the destination port.
- <source-lsb>—Include the least significant byte of the source port.
- <source-msb>—Include the most significant byte of the source port.

<port-data> (configuration/logical-systems/routing-instances/instance/forwarding-options/hash-key/family/mpls/payload/ip)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <hash-key>
 <family>
 <mpls>
 <payload>
 <ip>
 <port-data>
 <source-msb/>
 <source-lsb/>
 <destination-msb/>
 <destination-lsb/>
 </port-data>
 </ip>
 </payload>
 </mpls>
 </family>
 </hash-key>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description No documentation is available yet.

Contents <destination-lsb>—Include the least significant byte of the destination port.
 <destination-msb>—Include the most significant byte of the destination port.
 <source-lsb>—Include the least significant byte of the source port.
 <source-msb>—Include the most significant byte of the source port.

<port-data> (configuration/routing-instances/instance/forwarding-options/hash-key/family/mpls/payload/ip)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <hash-key>
          <family>
            <mpls>
              <payload>
                <ip>
                  <port-data>
                    <source-msb/>
                    <source-lsb/>
                    <destination-msb/>
                    <destination-lsb/>
                  </port-data>
                </ip>
              </payload>
            </mpls>
          </family>
        </hash-key>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description No documentation is available yet.

Contents

- <destination-lsb>—Include the least significant byte of the destination port.
- <destination-msb>—Include the most significant byte of the destination port.
- <source-lsb>—Include the least significant byte of the source port.
- <source-msb>—Include the most significant byte of the source port.

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Do not match TCP/UDP source or destination port.

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- dhcp—Dynamic Host Configuration Protocol.
- domain—Domain Name System (DNS).
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

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

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

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

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- `imap`—Internet Message Access Protocol.
- `kerberos-sec`—Kerberos Security.
- `klogin`—Kerberos rlogin.
- `kpasswd`—Kerberos passwd.
- `krb-prop`—Kerberos database propagation.
- `krbupdate`—Kerberos database update.
- `kshell`—Kerberos rsh.
- `ldap`—Lightweight Directory Access Protocol.
- `ldp`—Label Distribution Protocol.
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- `netbios-ssn`—NetBIOS session service.
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- `nntp`—Network News Transport Protocol.
- `ntalk`—New Talk.
- `ntp`—Network Time Protocol.
- `pop3`—Post Office Protocol 3.
- `pptp`—Point-to-Point Tunneling Protocol.
- `printer`—Printer.
- `radacct`—RADIUS accounting.
- `radius`—RADIUS authentication.

- `range`—Range of values.
- `rip`—Routing Information Protocol.
- `rkinit`—Kerberos remote kinit.
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- `snmp`—Simple Network Management Protocol.
- `snmptrap`—SNMP traps.
- `snpp`—Simple paging protocol.
- `socks`—Socks.
- `ssh`—Secure shell.
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- `talk`—UNIX Talk.
- `telnet`—Telnet.
- `tftp`—Trivial FTP.
- `timed`—UNIX time daemon.
- `who`—UNIX rwho.
- `xmcp`—X Display Manager Control Protocol.

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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- `kpasswd`—Kerberos passwd.
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- `talk`—UNIX Talk.
- `telnet`—Telnet.
- `tftp`—Trivial FTP.
- `timed`—UNIX time daemon.
- `who`—UNIX rwho.
- `xmcp`—X Display Manager Control Protocol.

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
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- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.

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- `klogin`—Kerberos rlogin.
- `kpasswd`—Kerberos passwd.
- `krb-prop`—Kerberos database propagation.
- `krbupdate`—Kerberos database update.
- `kshell`—Kerberos rsh.
- `ldap`—Lightweight Directory Access Protocol.
- `ldp`—Label Distribution Protocol.
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- `range`—Range of values.
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- `tacacs-ds`—TACACS-DS.
- `talk`—UNIX Talk.
- `telnet`—Telnet.
- `tftp`—Trivial FTP.
- `timed`—UNIX time daemon.
- `who`—UNIX `rwho`.
- `xmcp`—X Display Manager Control Protocol.

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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- **who**—UNIX rwho.
- **xmcp**—X Display Manager Control Protocol.

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

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

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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- **tftp**—Trivial FTP.
- **timed**—UNIX time daemon.
- **who**—UNIX rwho.
- **xmcp**—X Display Manager Control Protocol.

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

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <port-except>
 <name>*name*</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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- domain—Domain Name System (DNS).
- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.
- ftp-data—FTP data.
- http—Hypertext Transfer Protocol.
- https—Secure HTTP.
- ident—Ident.

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

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

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <bridge>
 <filter>
 <term>
 <from>
 <port-except>
 <name>*name*</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </bridge>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
- biff—Biff/Comsat.
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

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

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

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <port-except>
 <name>*name*</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

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

- `radius`—RADIUS authentication.
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- `rkinit`—Kerberos remote kinit.
- `smtp`—Simple Mail Transfer Protocol.
- `snmp`—Simple Network Management Protocol.
- `snmptrap`—SNMP traps.
- `snpp`—Simple paging protocol.
- `socks`—Socks.
- `ssh`—Secure shell.
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- `tacacs-ds`—TACACS-DS.
- `talk`—UNIX Talk.
- `telnet`—Telnet.
- `tftp`—Trivial FTP.
- `timed`—UNIX time daemon.
- `who`—UNIX rwho.
- `xmcp`—X Display Manager Control Protocol.

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

Usage

```

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

```

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
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- dhcp—Dynamic Host Configuration Protocol.
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- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
- finger—Finger.
- ftp—FTP.

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

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

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
 <port-except>
 <name>*name*</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </logical-systems>
</configuration>

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

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

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

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

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

Usage

```

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

```

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
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- cmd—UNIX rsh.
- cvspserver—CVS pserver.
- dhcp—Dynamic Host Configuration Protocol.
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- eklogin—Encrypted Kerberos rlogin.
- ekshell—Encrypted Kerberos rsh.
- exec—UNIX rexec.
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- ftp—FTP.

- `ftp-data`—FTP data.
- `http`—Hypertext Transfer Protocol.
- `https`—Secure HTTP.
- `ident`—Ident.
- `imap`—Internet Message Access Protocol.
- `kerberos-sec`—Kerberos Security.
- `klogin`—Kerberos rlogin.
- `kpasswd`—Kerberos passwd.
- `krb-prop`—Kerberos database propagation.
- `krbupdate`—Kerberos database update.
- `kshell`—Kerberos rsh.
- `ldap`—Lightweight Directory Access Protocol.
- `ldp`—Label Distribution Protocol.
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- `mobileip-mn`—Mobile IP MN.
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- `ntp`—Network Time Protocol.
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- snmptrap—SNMP traps.
- snpp—Simple paging protocol.
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- ssh—Secure shell.
- sunrpc—Sun Microsystems remote procedure call.
- syslog—System log.
- tacacs—TACACS or TACACS + .
- tacacs-ds—TACACS-DS.
- talk—UNIX Talk.
- telnet—Telnet.
- tftp—Trivial FTP.
- timed—UNIX time daemon.
- who—UNIX rwho.
- xdmcp—X Display Manager Control Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <vpls>
 <filter>
 <term>
 <from>
 <port-except>
 <name>*name*</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </vpls>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match TCP/UDP source or destination port.

Contents <name>—No documentation is available yet.

- afs—AFS.
- bgp—Border Gateway Protocol.
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- `timed`—UNIX time daemon.
- `who`—UNIX rwho.
- `xmcp`—X Display Manager Control Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <port-except>
 <name>name</name> <!-- identifier -->
 </port-except>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match TCP/UDP source or destination port.

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- ekshell—Encrypted Kerberos rsh.
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- `socks`—Socks.
- `ssh`—Secure shell.
- `sunrpc`—Sun Microsystems remote procedure call.
- `syslog`—System log.
- `tacacs`—TACACS or TACACS + .
- `tacacs-ds`—TACACS-DS.
- `talk`—UNIX Talk.
- `telnet`—Telnet.
- `tftp`—Trivial FTP.
- `timed`—UNIX time daemon.
- `who`—UNIX rwho.
- `xmcp`—X Display Manager Control Protocol.

<port-mapping> (configuration/services/application-identification/application)

- Usage** `<configuration>`
 `<services>`
 `<application-identification>`
 `<application>`
 `<port-mapping>`
 `<port-range>...</port-range>`
 `<disable/>`
 `</port-mapping>`
 `</application>`
 `</application-identification>`
 `</services>`
`</configuration>`
- Description** No documentation is available yet.
- Contents** `<disable>`—Disable port-based method for this application.
 `<port-range>`—Used by port-based AI method.

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

- Usage** `<configuration>`
 `<forwarding-options>`
 `<port-mirroring>`
 `<traceoptions>...</traceoptions>`
 `<mirror-once/>`
 `<input>...</input>`
 `<family>...</family>`
 `<instance>...</instance>`
 `</port-mirroring>`
 `</forwarding-options>`
`</configuration>`
- Description** Configure port mirroring of traffic.
- Contents** `<family>`—Address family of packets to mirror.
 `<input>`—Settings for sampling of input packets.
 `<instance>`—Instance of port-mirroring parameters.
 `<mirror-once>`—Sample the packet for port mirroring only once.
 `<traceoptions>`—Port-mirroring trace options.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <traceoptions>...</traceoptions>
 <mirror-once/>
 <input>...</input>
 <family>...</family>
 <instance>...</instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure port mirroring of traffic.

Contents <family>—Address family of packets to mirror.
 <input>—Settings for sampling of input packets.
 <instance>—Instance of port-mirroring parameters.
 <mirror-once>—Sample the packet for port mirroring only once.
 <traceoptions>—Port-mirroring trace options.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <port-mirroring>
 <traceoptions>...</traceoptions>
 <mirror-once/>
 <input>...</input>
 <family>...</family>
 <instance>...</instance>
 </port-mirroring>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Configure port mirroring of traffic.

Contents <family>—Address family of packets to mirror.
 <input>—Settings for sampling of input packets.
 <instance>—Instance of port-mirroring parameters.
 <mirror-once>—Sample the packet for port mirroring only once.
 <traceoptions>—Port-mirroring trace options.

<port-range> (configuration/services/application-identification/application/port-mapping)

Usage	<pre><configuration> <services> <application-identification> <application> <port-mapping> <port-range> <tcp>...</tcp> <udp>...</udp> </port-range> </port-mapping> </application> </application-identification> </services> </configuration></pre>
Description	Used by port-based AI method.
Contents	<p><tcp>—TCP port range.</p> <p><udp>—UDP port range.</p>

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

Usage	<pre><configuration> <services> <application-identification> <rule> <address> <destination> <port-range> <tcp>...</tcp> <udp>...</udp> </port-range> </destination> </address> </rule> </application-identification> </services> </configuration></pre>
Description	IP port ranges.
Contents	<p><tcp>—TCP port range.</p> <p><udp>—UDP port range.</p>

<port-range> (configuration/services/application-identification/rule/address/source)

Usage	<code><configuration></code> <code><services></code> <code><application-identification></code> <code><rule></code> <code><address></code> <code><source></code> <code><port-range></code> <code><tcp>...</tcp></code> <code><udp>...</udp></code> <code></port-range></code> <code></source></code> <code></address></code> <code></rule></code> <code></application-identification></code> <code></services></code> <code></configuration></code>
Description	IP port ranges.
Contents	<code><tcp></code> —TCP port range. <code><udp></code> —UDP port range.

<ports> (configuration/system)

Usage	<code><configuration></code> <code><system></code> <code><ports></code> <code><console>...</console></code> <code><auxiliary>...</auxiliary></code> <code></ports></code> <code></system></code> <code></configuration></code>
Description	Craft interface RS-232 ports.
Contents	<code><auxiliary></code> —Auxiliary port. <code><console></code> —Console port.

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

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <ppm> <no-delegate-processing/> </ppm> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Set periodic packet management properties.
Contents	<no-delegate-processing>—Disable PPM sessions distribution.

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

Usage	<pre> <configuration> <logical-systems> <routing-options> <ppm> <no-delegate-processing/> </ppm> </routing-options> </logical-systems> </configuration> </pre>
Description	Set periodic packet management properties.
Contents	<no-delegate-processing>—Disable PPM sessions distribution.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <ppm>
 <no-delegate-processing/>
 </ppm>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Set periodic packet management properties.

Contents <no-delegate-processing>—Disable PPM sessions distribution.

<ppm> (configuration/routing-options)

Usage <configuration>
 <routing-options>
 <ppm>
 <no-delegate-processing/>
 </ppm>
 </routing-options>
 </configuration>

Description Set periodic packet management properties.

Contents <no-delegate-processing>—Disable PPM sessions distribution.

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

Usage <configuration>
 <access>
 <group-profile>
 <ppp>
 <framed-pool>*framed-pool*</framed-pool>
 <idle-timeout>*seconds*</idle-timeout>
 <keepalive>*seconds*</keepalive>
 <primary-dns>*primary-dns*</primary-dns>
 <secondary-dns>*secondary-dns*</secondary-dns>
 <primary-wins>*primary-wins*</primary-wins>
 <secondary-wins>*secondary-wins*</secondary-wins>
 <encapsulation-overhead>*encapsulation-overhead*</encapsulation-overhead>
 <cell-overhead/>
 <interface-id>*interface-id*</interface-id>
 </ppp>
 </group-profile>
 </access>
 </configuration>

Description Configuration for Point-to-Point Protocol.

Contents <cell-overhead>—ATM cell overhead for Class of Service calculation.

<encapsulation-overhead>—Encapsulation overhead for Class of Service calculation.

<framed-pool>—Address pool used to assign an address for the user.

<idle-timeout>—Idle timeout before termination of session.

<interface-id>—Interface identifier to look up session information.

<keepalive>—PPP keepalive interval.

<primary-dns>—Primary DNS server name.

<primary-wins>—Primary wins server name.

<secondary-dns>—Secondary DNS server name.

<secondary-wins>—Secondary wins server name.

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

Usage <configuration>
 <access>
 <profile>
 <client>
 <ppp>
 <framed-pool>*framed-pool*</framed-pool>
 <idle-timeout>*seconds*</idle-timeout>
 <keepalive>*seconds*</keepalive>
 <primary-dns>*primary-dns*</primary-dns>
 <secondary-dns>*secondary-dns*</secondary-dns>
 <primary-wins>*primary-wins*</primary-wins>
 <secondary-wins>*secondary-wins*</secondary-wins>
 <encapsulation-overhead>*encapsulation-overhead*
 </encapsulation-overhead>
 <cell-overhead/>
 <interface-id>*interface-id*</interface-id>
 <framed-ip-address>*framed-ip-address*</framed-ip-address>
 </ppp>
 </client>
 </profile>
 </access>
 </configuration>

Description Configuration for Point-to-Point Protocol.

Contents <cell-overhead>—ATM cell overhead for Class of Service calculation.

<encapsulation-overhead>—Encapsulation overhead for Class of Service calculation.

<framed-ip-address>—Address to be configured for the user.

<framed-pool>—Address pool used to assign an address for the user.

<idle-timeout>—Idle timeout before termination of session.

<interface-id>—Interface identifier to look up session information.

<keepalive>—PPP keepalive interval.

<primary-dns>—Primary DNS server name.

<primary-wins>—Primary wins server name.

<secondary-dns>—Secondary DNS server name.

<secondary-wins>—Secondary wins server name.

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

Usage	<pre><configuration> <logical-systems> <protocols> <ppp> <traceoptions>...</traceoptions> <monitor-session>...</monitor-session> </ppp> </protocols> </logical-systems> </configuration></pre>
Description	Configure PPP process.
Contents	<p><monitor-session>—Monitor packet exchange for PPP session.</p> <p><traceoptions>—PPP trace options.</p>

<ppp> (configuration/protocols)

Usage	<pre><configuration> <protocols> <ppp> <traceoptions>...</traceoptions> <monitor-session>...</monitor-session> </ppp> </protocols> </configuration></pre>
Description	Configure PPP process.
Contents	<p><monitor-session>—Monitor packet exchange for PPP session.</p> <p><traceoptions>—PPP trace options.</p>

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <l2tp>
 <ppp>
 <retry-timeout>*seconds*</retry-timeout>
 <max-retry>*max-retry*</max-retry>
 <mru>*mru*</mru>
 <user-name>*user-name*</user-name>
 <user-password>*user-password*</user-password>
 </ppp>
 </l2tp>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Point-to-point protocol settings.

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

<mru>—Maximum value for negotiable receive unit.

<retry-timeout>—Timeout for a response during PPP negotiation.

<user-name>—Default user name for user authentication.

<user-password>—Default user password for user authentication.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <ppp-options>
          <chap>...</chap>
          <pap>...</pap>
          <compression>...</compression>
          <lcp-restart-timer>milliseconds</lcp-restart-timer>
          <ncp-restart-timer>milliseconds</ncp-restart-timer>
          <no-termination-request/>
          <loopback-clear-timer>seconds</loopback-clear-timer>
        </ppp-options>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Point-to-Point Protocol (PPP) interface-specific options.

Contents

- <chap>—Challenge Handshake Authentication Protocol options.
- <compression>—Set compression options.
- <lcp-restart-timer>—LCP restart timer.
- <loopback-clear-timer>—Loopback clear timer.
- <ncp-restart-timer>—NCP restart timer.
- <no-termination-request>—Don't send PPP termination requests.
- <pap>—Password Authentication Protocol options.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <chap>...</chap>
 <pap>...</pap>
 <compression>...</compression>
 <lcp-restart-timer>*milliseconds*</lcp-restart-timer>
 <ncp-restart-timer>*milliseconds*</ncp-restart-timer>
 <no-termination-request/>
 <loopback-clear-timer>*seconds*</loopback-clear-timer>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Point-to-Point Protocol interface-specific options.

Contents <chap>—Challenge Handshake Authentication Protocol options.
 <compression>—Set compression options.
 <lcp-restart-timer>—LCP restart timer.
 <loopback-clear-timer>—Loopback clear timer.
 <ncp-restart-timer>—NCP restart timer.
 <no-termination-request>—Don't send PPP termination requests.
 <pap>—Password Authentication Protocol options.

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

Usage <configuration>
 <interfaces>
 <interface>
 <ppp-options>
 <chap>...</chap>
 <pap>...</pap>
 <compression>...</compression>
 <lcp-restart-timer>*milliseconds*</lcp-restart-timer>
 <ncp-restart-timer>*milliseconds*</ncp-restart-timer>
 <no-termination-request/>
 <loopback-clear-timer>*seconds*</loopback-clear-timer>
 </ppp-options>
 </interface>
 </interfaces>
 </configuration>

Description Point-to-Point Protocol (PPP) interface-specific options.

Contents <chap>—Challenge Handshake Authentication Protocol options.
 <compression>—Set compression options.
 <lcp-restart-timer>—LCP restart timer.
 <loopback-clear-timer>—Loopback clear timer.
 <ncp-restart-timer>—NCP restart timer.
 <no-termination-request>—Don't send PPP termination requests.
 <pap>—Password Authentication Protocol options.

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

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <ppp-options>
 <chap>...</chap>
 <pap>...</pap>
 <compression>...</compression>
 <lcp-restart-timer>*milliseconds*</lcp-restart-timer>
 <ncp-restart-timer>*milliseconds*</ncp-restart-timer>
 <no-termination-request/>
 <loopback-clear-timer>*seconds*</loopback-clear-timer>
 </ppp-options>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Point-to-Point Protocol interface-specific options.

Contents <chap>—Challenge Handshake Authentication Protocol options.

 <compression>—Set compression options.

 <lcp-restart-timer>—LCP restart timer.

 <loopback-clear-timer>—Loopback clear timer.

 <ncp-restart-timer>—NCP restart timer.

 <no-termination-request>—Don't send PPP termination requests.

 <pap>—Password Authentication Protocol options.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <ppp-options>
            <chap>...</chap>
            <pap>...</pap>
            <compression>...</compression>
            <lcp-restart-timer>milliseconds</lcp-restart-timer>
            <ncp-restart-timer>milliseconds</ncp-restart-timer>
            <no-termination-request/>
            <loopback-clear-timer>seconds</loopback-clear-timer>
          </ppp-options>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Point-to-Point Protocol interface-specific options.

Contents <chap>—Challenge Handshake Authentication Protocol options.

<compression>—Set compression options.

<lcp-restart-timer>—LCP restart timer.

<loopback-clear-timer>—Loopback clear timer.

<ncp-restart-timer>—NCP restart timer.

<no-termination-request>—Don't send PPP termination requests.

<pap>—Password Authentication Protocol options.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <pppoe-options>
 <underlying-interface>*underlying-interface*
 </underlying-interface> <!-- mandatory -->
 <idle-timeout>*seconds*</idle-timeout>
 <access-concentrator>*access-concentrator*</access-concentrator>
 <service-name>*service-name*</service-name>
 <auto-reconnect>*seconds*</auto-reconnect>
 <server/>
 <client/>
 </pppoe-options>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description PPP over Ethernet interface-specific options.

Contents <access-concentrator>—Name of the access concentrator (PPPoE server).
 <auto-reconnect>—Time to reconnect after session terminates (0 = never).
 <client>—PPPoE operates in client mode.
 <idle-timeout>—Time for which session can be idle (0 = forever).
 <server>—PPPoE operates in server mode.
 <service-name>—Service to be requested (from PPPoE server).
 <underlying-interface>—Underlying interface name.

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

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <pppoe-options>
          <underlying-interface>underlying-interface
            </underlying-interface>    <!-- mandatory -->
          <idle-timeout>seconds</idle-timeout>
          <access-concentrator>access-concentrator</access-concentrator>
          <service-name>service-name</service-name>
          <auto-reconnect>seconds</auto-reconnect>
          <server/>
          <client/>
        </pppoe-options>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description PPP over Ethernet interface-specific options.

Contents

- <access-concentrator>—Name of the access concentrator (PPPoE server).
- <auto-reconnect>—Time to reconnect after session terminates (0 = never).
- <client>—PPPoE operates in client mode.
- <idle-timeout>—Time for which session can be idle (0 = forever).
- <server>—PPPoE operates in server mode.
- <service-name>—Service to be requested (from PPPoE server).
- <underlying-interface>—Underlying interface name.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <pppoe-options>
 <underlying-interface>*underlying-interface*
 </underlying-interface> <!-- mandatory -->
 <idle-timeout>*seconds*</idle-timeout>
 <access-concentrator>*access-concentrator*</access-concentrator>
 <service-name>*service-name*</service-name>
 <auto-reconnect>*seconds*</auto-reconnect>
 <server/>
 <client/>
 </pppoe-options>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description PPP over Ethernet interface-specific options.

Contents <access-concentrator>—Name of the access concentrator (PPPoE server).

 <auto-reconnect>—Time to reconnect after session terminates (0 = never).

 <client>—PPPoE operates in client mode.

 <idle-timeout>—Time for which session can be idle (0 = forever).

 <server>—PPPoE operates in server mode.

 <service-name>—Service to be requested (from PPPoE server).

 <underlying-interface>—Underlying interface name.

<pre-shared-key> (configuration/access/profile/client/ike)

Usage	<pre> <configuration> <access> <profile> <client> <ike> <pre-shared-key> <ascii-text>ascii-text</ascii-text> <hexadecimal>hexadecimal</hexadecimal> </pre-shared-key> </ike> </client> </profile> </access> </configuration> </pre>
Description	Define pre-shared key.
Contents	<p><ascii-text>—Format as text.</p> <p><hexadecimal>—Format as hexadecimal.</p>

<pre-shared-key> (configuration/security/ike/policy)

Usage	<pre> <configuration> <security> <ike> <policy> <pre-shared-key> <ascii-text>ascii-text</ascii-text> <hexadecimal>hexadecimal</hexadecimal> </pre-shared-key> </policy> </ike> </security> </configuration> </pre>
Description	Define a preshared key.
Contents	<p><ascii-text>—Format as text.</p> <p><hexadecimal>—Format as hexadecimal.</p>

<pre-shared-key> (configuration/services/ipsec-vpn/ike/policy)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ike>
 <policy>
 <pre-shared-key>
 <ascii-text>*ascii-text*</ascii-text>
 <hexadecimal>*hexadecimal*</hexadecimal>
 </pre-shared-key>
 </policy>
 </ike>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define a preshared key.

Contents <ascii-text>—Format as text.
 <hexadecimal>—Format as hexadecimal.

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

Usage

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

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

<precedence> (configuration/firewall/family/inet/filter/term/ from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <precedence>
 <name>*name*</name> <!-- identifier -->
 </precedence>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

<precedence> (configuration/firewall/filter/term/from)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <precedence>
 <name>*name*</name> <!-- identifier -->
 </precedence>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <precedence>
 <name>name</name> <!-- identifier -->
 </precedence>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <precedence>
 <name>name</name> <!-- identifier -->
 </precedence>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
</configuration>

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <precedence>
 <name>*name*</name> <!-- identifier -->
 </precedence>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <precedence-except>
 <name>*name*</name> <!-- identifier -->
 </precedence-except>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
 </configuration>

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <precedence-except>
 <name>*name*</name> <!-- identifier -->
 </precedence-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <precedence-except>
 <name>*name*</name> <!-- identifier -->
 </precedence-except>
 </from>
 </term>
 </filter>
 </firewall>
</configuration>

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

**<precedence-except> (configuration/logical-systems/firewall/
family/ethernet-switching/filter/term/from)**

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <precedence-except>
 <name>name</name> <!-- identifier -->
 </precedence-except>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage

```

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

```

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <precedence-except>
 <name>*name*</name> <!-- identifier -->
 </precedence-except>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match IP precedence value.

Contents <name>—No documentation is available yet.

- critical-ecp—Critical/ECP.
- flash—Flash.
- flash-override—Flash override.
- immediate—Immediate.
- internet-control—Internet control.
- net-control—Network control.
- priority—Priority.
- range—Range of values.
- routine—Routine.

<predefined-attack-groups> (configuration/security/idp/idp-policy/rulebase-exempt/rule/match/attacks)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-exempt>
          <rule>
            <match>
              <attacks>
                <predefined-attack-groups>
                  <name>name</name>    <!-- identifier -->
                </predefined-attack-groups>
              </attacks>
            </match>
          </rule>
        </rulebase-exempt>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Predefined attack groups.

Contents <name>—Predefined attack groups.

<predefined-attack-groups> (configuration/security/idp/idp-policy/rulebase-ips/rule/match/attacks)

Usage

```
<configuration>
  <security>
    <idp>
      <idp-policy>
        <rulebase-ips>
          <rule>
            <match>
              <attacks>
                <predefined-attack-groups>
                  <name>name</name>    <!-- identifier -->
                </predefined-attack-groups>
              </attacks>
            </match>
          </rule>
        </rulebase-ips>
      </idp-policy>
    </idp>
  </security>
</configuration>
```

Description Predefined attack groups.

Contents <name>—Predefined attack groups.

**<predefined-attacks> (configuration/security/idp/idp-policy/
rulebase-exempt/rule/match/attacks)**

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-exempt>
 <rule>
 <match>
 <attacks>
 <predefined-attacks>
 <name>name</name> <!-- identifier -->
 </predefined-attacks>
 </attacks>
 </match>
 </rule>
 </rulebase-exempt>
 </idp-policy>
 </idp>
 </security>
</configuration>

Description Predefined attacks.

Contents <name>—Predefined attacks.

**<predefined-attacks> (configuration/security/idp/idp-policy/
rulebase-ips/rule/match/attacks)**

Usage <configuration>
 <security>
 <idp>
 <idp-policy>
 <rulebase-ips>
 <rule>
 <match>
 <attacks>
 <predefined-attacks>
 <name>name</name> <!-- identifier -->
 </predefined-attacks>
 </attacks>
 </match>
 </rule>
 </rulebase-ips>
 </idp-policy>
 </idp>
 </security>
</configuration>

Description Predefined attacks.

Contents <name>—Predefined attacks.

<preempt> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/address/vrrp-group)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <vrrp-group>
 <preempt>
 <hold-time>seconds</hold-time>
 </preempt>
 </vrrp-group>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preempt> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <address>
                <vrrp-inet6-group>
                  <preempt>
                    <hold-time>seconds</hold-time>
                  </preempt>
                </vrrp-inet6-group>
              </address>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preempt> (configuration/interfaces/interface/unit/family/inet/address/vrrp-group)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <vrrp-group>
 <preempt>
 <hold-time>seconds</hold-time>
 </preempt>
 </vrrp-group>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preempt> (configuration/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <address>
 <vrrp-inet6-group>
 <preempt>
 <hold-time>seconds</hold-time>
 </preempt>
 </vrrp-inet6-group>
 </address>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preempt> (configuration/logical-systems/interfaces/interface/unit/family/inet/address/vrrp-group)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <vrrp-group>
 <preempt>
 <hold-time>*seconds*</hold-time>
 </preempt>
 </vrrp-group>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preempt> (configuration/logical-systems/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <address>
                <vrrp-inet6-group>
                  <preempt>
                    <hold-time>seconds</hold-time>
                  </preempt>
                </vrrp-inet6-group>
              </address>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Allow preemption.

Contents <hold-time>—Preemption hold time.

<preemption> (configuration/logical-systems/protocols/rsvp)

- Usage** <configuration>
 <logical-systems>
 <protocols>
 <rsvp>
 <preemption>
 <disabled/>
 <normal/>
 <aggressive/>
 <soft-preemption>...</soft-preemption>
 </preemption>
 </rsvp>
 </protocols>
 </logical-systems>
 </configuration>
- Description** Set RSVP session preemption attributes.
- Contents** <aggressive>—Run RSVP session preemption whenever necessary.
- <disabled>—No RSVP session preemption.
- <normal>—Run RSVP session preemption to accommodate new sessions.
- <soft-preemption>—Options for establishing new path before tearing down a preempted LSP.

<preemption> (configuration/protocols/rsvp)

- Usage** <configuration>
 <protocols>
 <rsvp>
 <preemption>
 <disabled/>
 <normal/>
 <aggressive/>
 <soft-preemption>...</soft-preemption>
 </preemption>
 </rsvp>
 </protocols>
 </configuration>
- Description** Set RSVP session preemption attributes.
- Contents** <aggressive>—Run RSVP session preemption whenever necessary.
- <disabled>—No RSVP session preemption.
- <normal>—Run RSVP session preemption to accommodate new sessions.
- <soft-preemption>—Options for establishing new path before tearing down a preempted LSP.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.
 <preference>—No documentation is available yet.
 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

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

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

Description Preference value.

Contents <add>—Add constant to attribute.

 <preference>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Description Preference value.

Contents <metric-value>—Metric value.

 <type>—Metric type.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Usage	<pre> <configuration> <routing-options> <rib> <generate> <defaults> <preference> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference> </defaults> </generate> </rib> </routing-options> </configuration> </pre>
Description	Preference value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

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

Usage	<pre> <configuration> <routing-options> <rib> <generate> <route> <preference> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference> </route> </generate> </rib> </routing-options> </configuration> </pre>
Description	Preference value.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

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

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

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

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

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

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

Description Preference value.

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

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

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

Description Preference value.

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

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

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

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

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

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/from/prefix-list-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list-filter>
 <preference2>
 <preference2>preference2</preference2>
 <add>add</add>
 <subtract>subtract</subtract>
 </preference2>
 </prefix-list-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<preference2> (configuration/logical-systems/policy-options/ policy-statement/from/route-filter)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <route-filter>
 <preference2>
 <preference2>preference2</preference2>
 <add>add</add>
 <subtract>subtract</subtract>
 </preference2>
 </route-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/from/source-address-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <source-address-filter>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </source-address-filter>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/term/from/prefix-list-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/term/from/route-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/term/from/source-address-filter)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

**<preference2> (configuration/logical-systems/policy-options/
policy-statement/term/then)**

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <then>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </then>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<preference2> (configuration/logical-systems/policy-options/ policy-statement/then)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <then>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </then>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.
 <preference2>—No documentation is available yet.
 <subtract>—Subtract constant from attribute.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/defaults)

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/aggregate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <aggregate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </aggregate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/generate/defaults)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <defaults>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </defaults>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

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

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <generate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </generate>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<preference2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/aggregate/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <defaults>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </defaults>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/aggregate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

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

**<preference2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/generate/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <defaults>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </defaults>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/generate/route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/defaults)

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <rib> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </rib> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/rib/static/iso-route)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<preference2> (configuration/logical-systems/routing-instances/
instance/routing-options/rib/static/route)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<preference2> (configuration/logical-systems/routing-instances/
instance/routing-options/static/defaults)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <defaults>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </defaults>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/static/iso-route)

Usage	<pre><configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-instances/instance/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <aggregate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </aggregate> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/generate/route)

Usage	<pre><configuration> <logical-systems> <routing-options> <generate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </generate> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<pre><metric-value>—Metric value. <type>—Metric type.</pre>

<preference2> (configuration/logical-systems/routing-options/rib/aggregate/defaults)

Usage	<pre><configuration> <logical-systems> <routing-options> <rib> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </rib> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<pre><metric-value>—Metric value. <type>—Metric type.</pre>

<preference2> (configuration/logical-systems/routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <aggregate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </aggregate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/rib/generate/defaults)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/rib/generate/route)

Usage	<pre><configuration> <logical-systems> <routing-options> <rib> <generate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </generate> </rib> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/rib/static/defaults)

Usage	<pre><configuration> <logical-systems> <routing-options> <rib> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </rib> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/rib/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </rib> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/logical-systems/routing-options/static/defaults)

Usage	<pre><configuration> <logical-systems> <routing-options> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<pre><metric-value>—Metric value. <type>—Metric type.</pre>

<preference2> (configuration/logical-systems/routing-options/static/iso-route)

Usage	<pre><configuration> <logical-systems> <routing-options> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </routing-options> </logical-systems> </configuration></pre>
Description	Preference value 2.
Contents	<pre><metric-value>—Metric value. <type>—Metric type.</pre>

<preference2> (configuration/logical-systems/routing-options/static/route)

Usage	<pre> <configuration> <logical-systems> <routing-options> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </routing-options> </logical-systems> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/policy-options/policy-statement/from/prefix-list-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <prefix-list-filter> <preference2> <preference2>preference2</preference2> <add>add</add> <subtract>subtract</subtract> </preference2> </prefix-list-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><preference2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<preference2> (configuration/policy-options/policy-statement/from/route-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <route-filter> <preference2> <preference2>preference2</preference2> <add>add</add> <subtract>subtract</subtract> </preference2> </route-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><preference2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<preference2> (configuration/policy-options/policy-statement/from/source-address-filter)

Usage	<pre> <configuration> <policy-options> <policy-statement> <from> <source-address-filter> <preference2> <preference2>preference2</preference2> <add>add</add> <subtract>subtract</subtract> </preference2> </source-address-filter> </from> </policy-statement> </policy-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><preference2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

**<preference2> (configuration/policy-options/policy-statement/
term/from/prefix-list-filter)**

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <preference2>
 <preference2>preference2</preference2>
 <add>add</add>
 <subtract>subtract</subtract>
 </preference2>
 </prefix-list-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<preference2> (configuration/policy-options/policy-statement/ term/from/route-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <route-filter>
 <preference2>
 <preference2>preference2</preference2>
 <add>add</add>
 <subtract>subtract</subtract>
 </preference2>
 </route-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<preference2> (configuration/policy-options/policy-statement/term/from/source-address-filter)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <source-address-filter>
 <preference2>
 <preference2>*preference2*</preference2>
 <add>*add*</add>
 <subtract>*subtract*</subtract>
 </preference2>
 </source-address-filter>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Preference value 2.

Contents <add>—Add constant to attribute.

 <preference2>—No documentation is available yet.

 <subtract>—Subtract constant from attribute.

<preference2> (configuration/policy-options/policy-statement/term/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <term> <then> <preference2> <preference2>preference2</preference2> <add>add</add> <subtract>subtract</subtract> </preference2> </then> </term> </policy-statement> </policy-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><preference2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<preference2> (configuration/policy-options/policy-statement/then)

Usage	<pre> <configuration> <policy-options> <policy-statement> <then> <preference2> <preference2>preference2</preference2> <add>add</add> <subtract>subtract</subtract> </preference2> </then> </policy-statement> </policy-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><add>—Add constant to attribute.</p> <p><preference2>—No documentation is available yet.</p> <p><subtract>—Subtract constant from attribute.</p>

<preference2> (configuration/routing-instances/instance/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <aggregate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </aggregate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/generate/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <generate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </generate> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/aggregate/defaults)**

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <rib> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </rib> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/aggregate/route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/generate/defaults)**

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <rib> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </rib> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/generate/route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </route>
 </generate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/static/defaults)**

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <rib> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </rib> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

**<preference2> (configuration/routing-instances/instance/
routing-options/rib/static/iso-route)**

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <iso-route>
 <preference2>
 <metric-value>*metric-value*</metric-value> <!-- mandatory -->
 <type>*type*</type>
 </preference2>
 </iso-route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Preference value 2.

Contents <metric-value>—Metric value.

 <type>—Metric type.

<preference2> (configuration/routing-instances/instance/routing-options/rib/static/route)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </rib> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/static/defaults)

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/static/iso-route)

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-instances/instance/routing-options/static/route)

Usage	<pre><configuration> <routing-instances> <instance> <routing-options> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </routing-options> </instance> </routing-instances> </configuration></pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/aggregate/defaults)

Usage	<pre> <configuration> <routing-options> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/aggregate/route)

Usage	<pre> <configuration> <routing-options> <aggregate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </aggregate> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/generate/defaults)

Usage	<pre> <configuration> <routing-options> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/generate/route)

Usage	<pre> <configuration> <routing-options> <generate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </generate> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/rib/aggregate/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <aggregate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </aggregate> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/rib/aggregate/route)

Usage	<pre> <configuration> <routing-options> <rib> <aggregate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </aggregate> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/rib/generate/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <generate> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </generate> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/rib/generate/route)

Usage	<pre> <configuration> <routing-options> <rib> <generate> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </generate> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/rib/static/defaults)

Usage	<pre> <configuration> <routing-options> <rib> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<metric-value>—Metric value. <type>—Metric type.

<preference2> (configuration/routing-options/rib/static/iso-route)

Usage	<pre> <configuration> <routing-options> <rib> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<metric-value>—Metric value. <type>—Metric type.

<preference2> (configuration/routing-options/rib/static/route)

Usage	<pre> <configuration> <routing-options> <rib> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </rib> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/static/defaults)

Usage	<pre> <configuration> <routing-options> <static> <defaults> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </defaults> </static> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/static/iso-route)

Usage	<pre> <configuration> <routing-options> <static> <iso-route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </iso-route> </static> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

<preference2> (configuration/routing-options/static/route)

Usage	<pre> <configuration> <routing-options> <static> <route> <preference2> <metric-value>metric-value</metric-value> <!-- mandatory --> <type>type</type> </preference2> </route> </static> </routing-options> </configuration> </pre>
Description	Preference value 2.
Contents	<p><metric-value>—Metric value.</p> <p><type>—Metric type.</p>

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

Usage

```
<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <group>
            <relay-option-82>
              <circuit-id>
                <prefix>
                <host-name/>
                <logical-system-name/>
                <routing-instance-name/>
                </prefix>
              </circuit-id>
            </relay-option-82>
          </group>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>
```

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

<logical-system-name>—Add logical system name to option-82.

<routing-instance-name>—Add routing instance name to option-82.

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

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>
 <host-name/>
 <logical-system-name/>
 <routing-instance-name/>
 </prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>
 <prefix>
 <host-name/>
 <logical-system-name/>
 <routing-instance-name/>
 </prefix>
 </circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>
 <host-name/>
 <logical-system-name/>
 <routing-instance-name/>
 </prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

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

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>
 <host-name/>
 <logical-system-name/>
 <routing-instance-name/>
 </prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

<prefix> (configuration/logical-systems/protocols/router-advertisement/interface)

Usage <configuration>
 <logical-systems>
 <protocols>
 <router-advertisement>
 <interface>
 <prefix>
 <name>*name*</name> <!-- identifier -->
 <valid-lifetime>*seconds*</valid-lifetime>
 <on-link/>
 <preferred-lifetime>*seconds*</preferred-lifetime>
 <autonomous/>
 </prefix>
 </interface>
 </router-advertisement>
 </protocols>
 </logical-systems>
 </configuration>

Description Prefix configuration.

Contents <autonomous>—Set autonomous flag.

 <name>—Prefix to be advertised.

 <on-link>—Set on-link flag.

 <preferred-lifetime>—Preferred lifetime (fixed).

 <valid-lifetime>—Valid lifetime (fixed).

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

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

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

Usage

```

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

```

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

<logical-system-name>—Add logical system name to option-82.

<routing-instance-name>—Add routing instance name to option-82.

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

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

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

 <logical-system-name>—Add logical system name to option-82.

 <routing-instance-name>—Add routing instance name to option-82.

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

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

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

 <logical-system-name>—Add logical system name to option-82.

 <routing-instance-name>—Add routing instance name to option-82.

<prefix> (configuration/protocols/router-advertisement/interface)

Usage <configuration>
 <protocols>
 <router-advertisement>
 <interface>
 <prefix>
 <name>name</name> <!-- identifier -->
 <valid-lifetime>seconds</valid-lifetime>
 <on-link/>
 <preferred-lifetime>seconds</preferred-lifetime>
 <autonomous/>
 </prefix>
 </interface>
 </router-advertisement>
 </protocols>
 </configuration>

Description Prefix configuration.

Contents <autonomous>—Set autonomous flag.
 <name>—Prefix to be advertised.
 <on-link>—Set on-link flag.
 <preferred-lifetime>—Preferred lifetime (fixed).
 <valid-lifetime>—Valid lifetime (fixed).

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

Usage

```

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

```

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

<logical-system-name>—Add logical system name to option-82.

<routing-instance-name>—Add routing instance name to option-82.

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

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

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <dhcp-relay>
          <group>
            <relay-option-82>
              <circuit-id>
                <prefix>
                <host-name/>
                <logical-system-name/>
                <routing-instance-name/>
              </prefix>
            </circuit-id>
          </relay-option-82>
        </group>
      </dhcp-relay>
    </forwarding-options>
  </instance>
</routing-instances>
</configuration>

```

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.

<logical-system-name>—Add logical system name to option-82.

<routing-instance-name>—Add routing instance name to option-82.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>
 <prefix>
 <host-name/>
 <logical-system-name/>
 <routing-instance-name/>
 </prefix>
 </circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Add prefix to option-82.

Contents <host-name>—Add router host name to option-82.
 <logical-system-name>—Add logical system name to option-82.
 <routing-instance-name>—Add routing instance name to option-82.

<prefix-action> (configuration/firewall/family/inet)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <prefix-action>
 <name>*name*</name> <!-- identifier -->
 <policer>*policer*</policer>
 <count/>
 <filter-specific/>
 <subnet-prefix-length>*subnet-prefix-length*</subnet-prefix-length>
 <source-prefix-length>*source-prefix-length*</source-prefix-length>
 <destination-prefix-length>*destination-prefix-length*
 </destination-prefix-length>
 </prefix-action>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Define a prefix action.

Contents <count>—Enable counters.

<destination-prefix-length>—Destination prefix range.

<filter-specific>—Filter specific, else term specific.

<name>—Prefix action name.

<policer>—Police the packet using a set of named policer.

<source-prefix-length>—Source prefix range.

<subnet-prefix-length>—Prefix length for the total address range.

<prefix-action> (configuration/logical-systems/firewall/family/inet)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <prefix-action>
 <name>*name*</name> <!-- identifier -->
 <policer>*policer*</policer>
 <count/>
 <filter-specific/>
 <subnet-prefix-length>*subnet-prefix-length*</subnet-prefix-length>
 <source-prefix-length>*source-prefix-length*</source-prefix-length>
 <destination-prefix-length>*destination-prefix-length*
 </destination-prefix-length>
 </prefix-action>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Define a prefix action.

Contents <count>—Enable counters.

<destination-prefix-length>—Destination prefix range.

<filter-specific>—Filter specific, else term specific.

<name>—Prefix action name.

<policer>—Police the packet using a set of named policer.

<source-prefix-length>—Source prefix range.

<subnet-prefix-length>—Prefix length for the total address range.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <outbound-route-filter>
 <prefix-based>
 <accept>...</accept>
 </prefix-based>
 </outbound-route-filter>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <outbound-route-filter>
 <prefix-based>
 <accept>...</accept>
 </prefix-based>
 </outbound-route-filter>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <outbound-route-filter>
 <prefix-based>
 <accept>...</accept>
 </prefix-based>
 </outbound-route-filter>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

Usage <configuration>
 <protocols>
 <bgp>
 <outbound-route-filter>
 <prefix-based>
 <accept>...</accept>
 </prefix-based>
 </outbound-route-filter>
 </bgp>
 </protocols>
 </configuration>

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

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

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

Description Prefix-based outbound route filtering.

Contents <accept>—Honor Prefix-based ORFs from remote peers.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
family/inet/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet/flow)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet/multicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet-mdt/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-mdt>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mdt>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mvpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
family/inet-vpn/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet-vpn/flow)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet-vpn/multicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet-vpn/unicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
family/inet6/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet6/multicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet6-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet6-mvpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
family/inet6-vpn/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet6-vpn/multicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/inet6-vpn/unicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
family/iso-vpn/unicast)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/family/route-target)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/ group/family/inet/any)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet/flow)**

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet>
              <flow>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </flow>
            </inet>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet/multicast)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </inet>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet-mdt/signaling)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mdt>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mdt>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet-vpn/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet-vpn/flow)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet-vpn>
              <flow>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </flow>
            </inet-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet-vpn>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet-vpn/unicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet-vpn>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </inet-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet6/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet6/multicast)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet6-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet6-vpn/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/inet6-vpn/multicast)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/family/inet6-vpn/unicast)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/iso-vpn/unicast)**

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <iso-vpn>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </iso-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <l2vpn>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </l2vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/family/route-target)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <route-target>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </route-target>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/ group/neighbor/family/inet/any)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet/flow)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <flow>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </flow>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet/multicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/neighbor/family/inet-mdt/signaling)**

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-mdt>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mdt>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mvpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/neighbor/family/inet-vpn/any)**

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet-vpn/flow)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <flow>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </flow>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet6/any)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet6/multicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/neighbor/family/inet6-mvpn/signaling)**

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet6-mvpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet6-vpn/any)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/protocols/bgp/group/neighbor/family/iso-vpn/unicast)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <iso-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </iso-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <l2vpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </l2vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/logical-systems/protocols/bgp/
group/neighbor/family/route-target)**

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <route-target>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </route-target>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet/flow)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <flow>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </flow>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet-mdt/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-mdt>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mdt>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mvpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet-vpn/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet-vpn/flow)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet6/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet6/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet6-mvpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet6-vpn/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet6-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/iso-vpn/unicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <iso-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </iso-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/route-target)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet/flow)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <flow>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </flow>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <labeled-unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </labeled-unicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet-mdt/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-mdt>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet-mdt>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-mvpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet-mvpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet-vpn/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <any>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </any>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet-vpn/flow)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <flow>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </flow>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet6/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <any>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </any>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <labeled-unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </labeled-unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet6/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6-mvpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet6-mvpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet6-vpn/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6-vpn>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet6-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet6-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/iso-vpn/unicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <iso-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </iso-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <l2vpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </l2vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/route-target)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <route-target>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </route-target>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/flow)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <flow>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </flow>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <labeled-unicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </labeled-unicast>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <multicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </multicast>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-mdt/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-mdt>
                    <signaling>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </signaling>
                  </inet-mdt>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mvpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <any>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </any>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/flow)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <flow>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </flow>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <multicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </multicast>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <unicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </unicast>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6/any)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <any>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </any>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <labeled-unicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </labeled-unicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <multicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </multicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <unicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </unicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6-mvpn>
                    <signaling>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </signaling>
                  </inet6-mvpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-vpn/any)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6-vpn>
                    <multicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </multicast>
                  </inet6-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/iso-vpn/unicast)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <iso-vpn>
                    <unicast>
                      <prefix-limit>
                        <maximum>maximum</maximum>    <!-- mandatory -->
                        <teardown>...</teardown>
                      </prefix-limit>
                    </unicast>
                  </iso-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <l2vpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </l2vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/route-target)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <route-target>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </route-target>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet/any)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage	<pre> <configuration> <protocols> <bgp> <family> <inet> <labeled-unicast> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </labeled-unicast> </inet> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

<prefix-limit> (configuration/protocols/bgp/family/inet/multicast)

Usage	<pre> <configuration> <protocols> <bgp> <family> <inet> <multicast> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </multicast> </inet> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-mdt/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-mdt>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mdt>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mvpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-vpn/any)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-vpn/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-vpn/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet-vpn/unicast)

Usage	<pre> <configuration> <protocols> <bgp> <family> <inet-vpn> <unicast> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </unicast> </inet-vpn> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

<prefix-limit> (configuration/protocols/bgp/family/inet6/any)

Usage	<pre> <configuration> <protocols> <bgp> <family> <inet6> <any> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </any> </inet6> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet6/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet6-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet6-mvpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet6-vpn/any)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet6-vpn/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/family/inet6-vpn/unicast)

Usage	<pre> <configuration> <protocols> <bgp> <family> <inet6-vpn> <unicast> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </unicast> </inet6-vpn> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

<prefix-limit> (configuration/protocols/bgp/family/iso-vpn/unicast)

Usage	<pre> <configuration> <protocols> <bgp> <family> <iso-vpn> <unicast> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </unicast> </iso-vpn> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

<prefix-limit> (configuration/protocols/bgp/family/l2vpn/signaling)

Usage	<pre> <configuration> <protocols> <bgp> <family> <l2vpn> <signaling> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </signaling> </l2vpn> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

<prefix-limit> (configuration/protocols/bgp/family/route-target)

Usage	<pre> <configuration> <protocols> <bgp> <family> <route-target> <prefix-limit> <maximum>maximum</maximum> <!-- mandatory --> <teardown>...</teardown> </prefix-limit> </route-target> </family> </bgp> </protocols> </configuration> </pre>
Description	Limit maximum number of prefixes from a peer.
Contents	<p><maximum>—Maximum number of prefixes from a peer.</p> <p><teardown>—Clear peer connection on reaching limit.</p>

**<prefix-limit> (configuration/protocols/bgp/group/family/inet/
any)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet/multicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet>
            <multicast>
              <prefix-limit>
                <maximum>maximum</maximum>    <!-- mandatory -->
                <teardown>...</teardown>
              </prefix-limit>
            </multicast>
          </inet>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-mdt/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mdt>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mdt>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-vpn/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-vpn/flow)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet-vpn>
            <flow>
              <prefix-limit>
                <maximum>maximum</maximum>    <!-- mandatory -->
                <teardown>...</teardown>
              </prefix-limit>
            </flow>
          </inet-vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-vpn/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet-vpn/unicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6/multicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet6>
            <multicast>
              <prefix-limit>
                <maximum>maximum</maximum>    <!-- mandatory -->
                <teardown>...</teardown>
              </prefix-limit>
            </multicast>
          </inet6>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-mvpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </inet6-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6-vpn/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6-vpn/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/inet6-vpn/unicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/iso-vpn/unicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/l2vpn/signaling)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <l2vpn>
            <signaling>
              <prefix-limit>
                <maximum>maximum</maximum>    <!-- mandatory -->
                <teardown>...</teardown>
              </prefix-limit>
            </signaling>
          </l2vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/family/route-target)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <route-target>
            <prefix-limit>
              <maximum>maximum</maximum>    <!-- mandatory -->
              <teardown>...</teardown>
            </prefix-limit>
          </route-target>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet/any)**

```
Usage  <configuration>
      <protocols>
      <bgp>
      <group>
      <neighbor>
      <family>
      <inet>
      <any>
      <prefix-limit>
      <maximum>maximum</maximum>    <!-- mandatory -->
      <teardown>...</teardown>
      </prefix-limit>
      </any>
      </inet>
      </family>
      </neighbor>
      </group>
      </bgp>
      </protocols>
      </configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet/flow)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet/multicast)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </inet>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet-mdt/signaling)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-mdt>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet-mdt>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-mvpn>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet-mvpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet-vpn/any)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-vpn>
              <any>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </any>
            </inet-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet-vpn/flow)**

```
Usage  <configuration>
      <protocols>
      <bgp>
      <group>
      <neighbor>
      <family>
      <inet-vpn>
      <flow>
      <prefix-limit>
      <maximum>maximum</maximum>    <!-- mandatory -->
      <teardown>...</teardown>
      </prefix-limit>
      </flow>
      </inet-vpn>
      </family>
      </neighbor>
      </group>
      </bgp>
      </protocols>
      </configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet-vpn/multicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-vpn>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet-vpn/unicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-vpn>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </inet-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet6/any)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet6/multicast)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <multicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </multicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet6/unicast)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6-mvpn>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet6-mvpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/inet6-vpn/any)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6-vpn>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet6-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/inet6-vpn/unicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/iso-vpn/unicast)

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <iso-vpn>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </iso-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/protocols/bgp/group/neighbor/family/l2vpn/signaling)

```
Usage  <configuration>
      <protocols>
      <bgp>
      <group>
      <neighbor>
      <family>
      <l2vpn>
      <signaling>
      <prefix-limit>
      <maximum>maximum</maximum>    <!-- mandatory -->
      <teardown>...</teardown>
      </prefix-limit>
      </signaling>
      </l2vpn>
      </family>
      </neighbor>
      </group>
      </bgp>
      </protocols>
      </configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
<teardown>—Clear peer connection on reaching limit.

**<prefix-limit> (configuration/protocols/bgp/group/neighbor/
family/route-target)**

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <route-target>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </route-target>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet/any)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet/flow)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet>
              <flow>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </flow>
            </inet>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet/multicast)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-mdt/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet-mdt>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet-mdt>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet-mvpn>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet-mvpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-vpn/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet-vpn>
              <any>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </any>
            </inet-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-vpn/flow)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet-vpn>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents

- <maximum>—Maximum number of prefixes from a peer.
- <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet-vpn/unicast)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6/any)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.
 <teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet6>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </inet6>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6-mvpn>
              <signaling>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </signaling>
            </inet6-mvpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents

- <maximum>—Maximum number of prefixes from a peer.
- <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6-vpn/any)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6-vpn>
              <multicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </multicast>
            </inet6-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/inet6-vpn/unicast)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </unicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/iso-vpn/unicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <iso-vpn>
              <unicast>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </unicast>
            </iso-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/family/route-target)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet/flow)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <flow>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </flow>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-mdt/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-mdt>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mdt>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet-mvpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-vpn/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-vpn/flow)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <flow>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </flow>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <labeled-unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </labeled-unicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-mvpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </inet6-mvpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6-vpn/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-vpn>
                <any>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </any>
              </inet6-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-vpn>
                <multicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </multicast>
              </inet6-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </inet6-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/iso-vpn/unicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <iso-vpn>
                <unicast>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </unicast>
              </iso-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <l2vpn>
                <signaling>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </signaling>
              </l2vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/family/route-target)

Usage

```
<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <route-target>
                <prefix-limit>
                  <maximum>maximum</maximum>    <!-- mandatory -->
                  <teardown>...</teardown>
                </prefix-limit>
              </route-target>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>
```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/any)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/flow)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <flow>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </flow>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <labeled-unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </labeled-unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-mdt/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-mdt>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet-mdt>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-mvpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet-mvpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <any>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </any>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/flow)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <flow>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </flow>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6/any)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <any>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </any>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <labeled-unicast>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </labeled-unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

 <teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-mvpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </inet6-mvpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-vpn/any)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <prefix-limit>
 <maximum>*maximum*</maximum> <!-- mandatory -->
 <teardown>...</teardown>
 </prefix-limit>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
</configuration>

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/inet6-vpn/multicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-vpn>
                  <multicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </multicast>
                </inet6-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </inet6-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/iso-vpn/unicast)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <iso-vpn>
                  <unicast>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </unicast>
                </iso-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <l2vpn>
                  <signaling>
                    <prefix-limit>
                      <maximum>maximum</maximum>    <!-- mandatory -->
                      <teardown>...</teardown>
                    </prefix-limit>
                  </signaling>
                </l2vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-limit> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family/route-target)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <route-target>
                  <prefix-limit>
                    <maximum>maximum</maximum>    <!-- mandatory -->
                    <teardown>...</teardown>
                  </prefix-limit>
                </route-target>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Limit maximum number of prefixes from a peer.

Contents <maximum>—Maximum number of prefixes from a peer.

<teardown>—Clear peer connection on reaching limit.

<prefix-list> (configuration/firewall/family/inet/filter/term/ from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

 <name>—Prefix list to match.

<prefix-list> (configuration/firewall/family/inet/service-filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <service-filter>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
</term>
</service-filter>
</inet>
</family>
</firewall>
</configuration>

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/firewall/family/inet6/filter/term/ from)

Usage <configuration>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </configuration>

Description Match source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

 <name>—Prefix list to match.

<prefix-list> (configuration/firewall/family/inet6/service-filter/term/from)

Usage

```

<configuration>
  <firewall>
    <family>
      <inet6>
        <service-filter>
          <term>
            <from>
              <prefix-list>
                <name>name</name>    <!-- identifier -->
                <except/>
              </prefix-list>
            </from>
          </term>
        </service-filter>
      </inet6>
    </family>
  </firewall>
</configuration>

```

Description Match source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/firewall/filter/term/from)

Usage

```

<configuration>
  <firewall>
    <filter>
      <term>
        <from>
          <prefix-list>
            <name>name</name>    <!-- identifier -->
            <except/>
          </prefix-list>
        </from>
      </term>
    </filter>
  </firewall>
</configuration>

```

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/logical-systems/firewall/family/inet/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

 <name>—Prefix list to match.

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

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <service-filter>
            <term>
              <from>
                <prefix-list>
                  <name>name</name>    <!-- identifier -->
                  <except/>
                </prefix-list>
              </from>
            </term>
          </service-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/logical-systems/firewall/family/inet6/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <from>
 <prefix-list>
 <name>name</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

 <name>—Prefix list to match.

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

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <service-filter>
            <term>
              <from>
                <prefix-list>
                  <name>name</name>    <!-- identifier -->
                  <except/>
                </prefix-list>
              </from>
            </term>
          </service-filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Match source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/logical-systems/firewall/filter/term/from)

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <except/>
 </prefix-list>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Match IP source or destination prefixes in named list.

Contents <except>—Match addresses not in this prefix list.

<name>—Prefix list to match.

<prefix-list> (configuration/logical-systems/policy-options)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 <prefix-list-item>...</prefix-list-item>
 <apply-path>*apply-path*</apply-path>
 </prefix-list>
 </policy-options>
 </logical-systems>
 </configuration>

Description Define a named set of address prefixes.

Contents <apply-path>—Apply IP prefixes from a configuration statement.

<name>—Prefix list name.

<prefix-list-item>—No documentation is available yet.

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

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list>
 <name>name</name> <!-- identifier -->
 </prefix-list>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description List of prefix-lists of routes to match.

Contents <name>—Name of prefix-list of routes to match.

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

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list>
 <name>name</name> <!-- identifier -->
 </prefix-list>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description List of prefix-lists of routes to match.

Contents <name>—Name of prefix-list of routes to match.

<prefix-list> (configuration/policy-options)

Usage <configuration>
 <policy-options>
 <prefix-list>
 <name>name</name> <!-- identifier -->
 <prefix-list-item>...</prefix-list-item>
 <apply-path>apply-path</apply-path>
 </prefix-list>
 </policy-options>
 </configuration>

Description Define a named set of address prefixes.

Contents <apply-path>—Apply IP prefixes from a configuration statement.

<name>—Prefix list name.

<prefix-list-item>—No documentation is available yet.

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

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <prefix-list>
 <name>name</name> <!-- identifier -->
 </prefix-list>
 </from>
 </policy-statement>
 </policy-options>
 </configuration>

Description List of prefix-lists of routes to match.

Contents <name>—Name of prefix-list of routes to match.

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

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list>
 <name>*name*</name> <!-- identifier -->
 </prefix-list>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description List of prefix-lists of routes to match.

Contents <name>—Name of prefix-list of routes to match.

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

```

Usage  <configuration>
      <logical-systems>
      <policy-options>
      <policy-statement>
      <from>
        <prefix-list-filter>
          <list_name>list_name</list_name>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</logical-systems>
</configuration>

```

Description List of prefix-list-filters to match.

Contents <accept>—Accept a route.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

- accept—Accept a route.

- reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<list_name>—Name of prefix-list of routes to match.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

- policy—Skip to next policy filter.

- term—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
- **igp**—Path originated in the local IGP.
- **incomplete**—Path was learned by some other means.

<orlonger>—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<trace>—Log matches to a trace file.

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

```

Usage  <configuration>
      <logical-systems>
      <policy-options>
      <policy-statement>
      <term>
      <from>
        <prefix-list-filter>
          <list_name>list_name</list_name>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </prefix-list-filter>
      </from>
    </term>
  </policy-statement>
</policy-options>
</logical-systems>
</configuration>

```

Description List of prefix-list-filters to match.

- Contents**
- <accept>—Accept a route.
 - <as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).
 - <as-path-prepend>—Prepend AS numbers to an AS path (BGP only).
 - <class>—Set class-of-service parameters.
 - <color>—Color (preference) value.
 - <color2>—Color (preference) value 2.
 - <community>—BGP community properties associated with a route.
 - <cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.
 - <damping>—Define BGP route flap damping parameters.
 - <default-action>—Set default policy action.
 - accept—Accept a route.
 - reject—Reject a route.
 - <destination-class>—Set destination class in forwarding table.
 - <exact>—Exactly match the prefix length.
 - <external>—External route.
 - <forwarding-class>—Set source or destination class in forwarding table.
 - <install-nexthop>—Choose the next hop to be used for forwarding.
 - <list_name>—Name of prefix-list of routes to match.
 - <load-balance>—Type of load balancing in forwarding table.
 - <local-preference>—Local preference associated with a route.
 - <longer>—Mask is greater than the prefix length.
 - <metric>—Metric value.
 - <metric2>—Metric value 2.
 - <metric3>—Metric value 3.
 - <metric4>—Metric value 4.
 - <next>—Skip to next policy or term.
 - policy—Skip to next policy filter.
 - term—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
- **igp**—Path originated in the local IGP.
- **incomplete**—Path was learned by some other means.

<orlonger>—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<trace>—Log matches to a trace file.

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

```

Usage  <configuration>
      <policy-options>
      <policy-statement>
      <from>
        <prefix-list-filter>
          <list_name>list_name</list_name>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </prefix-list-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>

```

Description List of prefix-list-filters to match.

Contents <accept>—Accept a route.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

- accept—Accept a route.

- reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<list_name>—Name of prefix-list of routes to match.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

- policy—Skip to next policy filter.

- term—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
 - **igp**—Path originated in the local IGP.
 - **incomplete**—Path was learned by some other means.
- <orlonger>**—Mask is greater than or equal to the prefix length.
- <preference>**—Preference value.
- <preference2>**—Preference value 2.
- <priority>**—Set priority for route installation.
- **high**—Set priority to high.
 - **low**—Set priority to low.
 - **medium**—Set priority to medium.
- <reject>**—Reject a route.
- <source-class>**—Set source class in forwarding table.
- <tag>**—Tag string.
- <tag2>**—Tag string 2.
- <trace>**—Log matches to a trace file.

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

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <prefix-list-filter>
 <list_name>*list_name*</list_name> <!-- identifier -->
 <exact/> <!-- identifier -->
 <longer/> <!-- identifier -->
 <orlonger/> <!-- identifier -->
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <local-preference>...</local-preference>
 <priority>*priority-choice*</priority>
 <origin>*origin-choice*</origin>
 <community>...</community>
 <damping>*damping*</damping>
 <as-path-prepend>*as-path-prepend*</as-path-prepend>
 <as-path-expand>...</as-path-expand>
 <next-hop>...</next-hop>
 <install-nexthop>...</install-nexthop>
 <trace/>
 <external>...</external>
 <load-balance>...</load-balance>
 <class>*class*</class>
 <destination-class>*destination-class*</destination-class>
 <source-class>*source-class*</source-class>
 <forwarding-class>*forwarding-class*</forwarding-class>
 <cos-next-hop-map>*cos-next-hop-map*</cos-next-hop-map>
 <default-action>*default-action-choice*</default-action>
 <next>*next-choice*</next>
 <accept/>
 <reject/>
 </prefix-list-filter>
 </from>
</term>
</policy-statement>
</policy-options>
</configuration>

Description List of prefix-list-filters to match.

Contents <accept>—Accept a route.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

- accept—Accept a route.

- reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<list_name>—Name of prefix-list of routes to match.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

- policy—Skip to next policy filter.

- term—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
- **igp**—Path originated in the local IGP.
- **incomplete**—Path was learned by some other means.

<orlonger>—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<trace>—Log matches to a trace file.

<prefix-list-item> (configuration/logical-systems/ policy-options/prefix-list)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <prefix-list>
 <prefix-list-item>
 <name>name</name> <!-- identifier -->
 </prefix-list-item>
 </prefix-list>
 </policy-options>
 </logical-systems>
 </configuration>

Description No documentation is available yet.

Contents <name>—Address prefix.

<prefix-list-item> (configuration/policy-options/prefix-list)

Usage <configuration>
 <policy-options>
 <prefix-list>
 <prefix-list-item>
 <name>name</name> <!-- identifier -->
 </prefix-list-item>
 </prefix-list>
 </policy-options>
 </configuration>

Description No documentation is available yet.

Contents <name>—Address prefix.

<premium> (configuration/dynamic-profiles/interfaces/interface/gigether-options/ethernet-switch-profile/ethernet-policer-profile/input-priority-map/ieee-802.1p)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <ethernet-switch-profile>
 <ethernet-policer-profile>
 <input-priority-map>
 <ieee-802.1p>
 <premium>
 <name>name</name> <!-- identifier -->
 </premium>
 </ieee-802.1p>
 </input-priority-map>
 </ethernet-policer-profile>
 </ethernet-switch-profile>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Input traffic's IEEE 802.1p value to which premium policer is applied.

Contents <name>—Input traffic's IEEE 802.1p value to which premium policer is applied.

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

Usage

```

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

```

Description Output traffic classifier to which premium policer is applied.

Contents <forwarding-class>—Select a classification for this priority map.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <ethernet-switch-profile>
 <ethernet-policer-profile>
 <policer>
 <premium>
 <bandwidth-limit>*bits per second*</bandwidth-limit>
 <burst-size-limit>*bytes*</burst-size-limit> <!-- mandatory -->
 </premium>
 </policer>
 </ethernet-policer-profile>
 </ethernet-switch-profile>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Policer to apply to premium traffic.

Contents <bandwidth-limit>—Bandwidth limit.
 <burst-size-limit>—Burst size limit.

<premium> (configuration/interfaces/interface/gigether-options/ethernet-switch-profile/ethernet-policer-profile/input-priority-map/ieee-802.1p)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <gigether-options>
        <ethernet-switch-profile>
          <ethernet-policer-profile>
            <input-priority-map>
              <ieee-802.1p>
                <premium>
                  <name>name</name>    <!-- identifier -->
                </premium>
              </ieee-802.1p>
            </input-priority-map>
          </ethernet-policer-profile>
        </ethernet-switch-profile>
      </gigether-options>
    </interface>
  </interfaces>
</configuration>

```

Description Input traffic's IEEE 802.1p value to which premium policer is applied.

Contents <name>—Input traffic's IEEE 802.1p value to which premium policer is applied.

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

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

Description Output traffic classifier to which premium policer is applied.

Contents <forwarding-class>—Select a classification for this priority map.

<premium> (configuration/interfaces/interface/gigether-options/ethernet-switch-profile/ethernet-policer-profile/policer)

Usage	<pre> <configuration> <interfaces> <interface> <gigether-options> <ethernet-switch-profile> <ethernet-policer-profile> <policer> <premium> <bandwidth-limit><i>bits per second</i></bandwidth-limit> <burst-size-limit><i>bytes</i></burst-size-limit> <!-- mandatory --> </premium> </policer> </ethernet-policer-profile> </ethernet-switch-profile> </gigether-options> </interface> </interfaces> </configuration> </pre>
Description	<p>Policer to apply to premium traffic.</p>
Contents	<p><bandwidth-limit>—Bandwidth limit.</p> <p><burst-size-limit>—Burst size limit.</p>

<primary> (configuration/chassis/synchronization)

Usage	<pre> <configuration> <chassis> <synchronization> <primary> <external-a/> <external-b/> </primary> </synchronization> </chassis> </configuration> </pre>
Description	<p>Best choice synchronization reference source list.</p>
Contents	<p><external-a>—Use external-a as a primary source.</p> <p><external-b>—Use external-b as a primary source.</p>

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <label-switched-path>
 <primary>
 <name>*name*</name> <!-- identifier -->
 <bandwidth>...</bandwidth>
 <class-of-service>*class-of-service*</class-of-service>
 <no-decrement-ttl/>
 <hop-limit>*hop-limit*</hop-limit>
 <no-cspf/>
 <admin-down/>
 <optimize-timer>*seconds*</optimize-timer>
 <preference>*preference*</preference>
 <setup-priority>*setup-priority*</setup-priority>
 <reservation-priority>*reservation-priority*</reservation-priority>
 <record/>
 <standby/>
 <admin-group>...</admin-group>
 <oam>...</oam>
 <adaptive/>
 <select>*select-choice*</select>
 </primary>
 </label-switched-path>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description Preferred path.

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

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

<admin-group>—Administrative group policy.

<bandwidth>—Bandwidth to reserve (bps).

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

<hop-limit>—Maximum allowed router hops.

<name>—Name of path.

<no-cspf>—Disable automatic path computation.

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

<oam>—Periodic OAM.

<optimize-timer>—Periodical path reoptimizations.

<preference>—Preference value.

<record>—Record transit routers.

<reservation-priority>—Reservation priority.

<select>—No documentation is available yet.

- **manual**—Manual override as preferred active path, if up and stable.
- **unconditional**—Unconditional override as preferred active path, regardless of up/down status.

<setup-priority>—Set-up priority.

<standby>—Keep backup paths in continuous standby.

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

Usage <configuration>
 <protocols>
 <mpls>
 <label-switched-path>
 <primary>
 <name>*name*</name> <!-- identifier -->
 <bandwidth>...</bandwidth>
 <class-of-service>*class-of-service*</class-of-service>
 <no-decrement-ttl/>
 <hop-limit>*hop-limit*</hop-limit>
 <no-cspf/>
 <admin-down/>
 <optimize-timer>*seconds*</optimize-timer>
 <preference>*preference*</preference>
 <setup-priority>*setup-priority*</setup-priority>
 <reservation-priority>*reservation-priority*</reservation-priority>
 <record/>
 <standby/>
 <admin-group>...</admin-group>
 <oam>...</oam>
 <adaptive/>
 <select>*select-choice*</select>
 </primary>
 </label-switched-path>
</mpls>
</protocols>
</configuration>

Description Preferred path.

Contents <adaptive>—Have the LSP smoothly cut over to new routes.
 <admin-down>—Keep the LSP in administrative down state.
 <admin-group>—Administrative group policy.
 <bandwidth>—Bandwidth to reserve (bps).
 <class-of-service>—Class-of-service value.
 <hop-limit>—Maximum allowed router hops.
 <name>—Name of path.
 <no-cspf>—Disable automatic path computation.
 <no-decrement-ttl>—Do not decrement the TTL within an LSP.
 <oam>—Periodic OAM.
 <optimize-timer>—Periodical path reoptimizations.
 <preference>—Preference value.

<record>—Record transit routers.

<reservation-priority>—Reservation priority.

<select>—No documentation is available yet.

- manual—Manual override as preferred active path, if up and stable.
- unconditional—Unconditional override as preferred active path, regardless of up/down status.

<setup-priority>—Set-up priority.

<standby>—Keep backup paths in continuous standby.

<priority> (configuration/class-of-service/fabric/scheduler-map)

Usage

```

<configuration>
  <class-of-service>
    <fabric>
      <scheduler-map>
        <priority>
          <name>name</name>    <!-- identifier -->
          <scheduler>scheduler</scheduler>  <!-- mandatory -->
        </priority>
      </scheduler-map>
    </fabric>
  </class-of-service>
</configuration>

```

Description Fabric traffic priority.

Contents <name>—No documentation is available yet.

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

<scheduler>—Scheduler name.

<priority> (configuration/dynamic-profiles/class-of-service/fabric/scheduler-map)

Usage	<pre> <configuration> <dynamic-profiles> <class-of-service> <fabric> <scheduler-map> <priority> <name>name</name> <!-- identifier --> <scheduler>scheduler</scheduler> <!-- mandatory --> </priority> </scheduler-map> </fabric> </class-of-service> </dynamic-profiles> </configuration> </pre>
Description	Fabric traffic priority.
Contents	<p><name>—No documentation is available yet.</p> <ul style="list-style-type: none"> ■ high—High priority fabric traffic. ■ low—Low priority fabric traffic. <p><scheduler>—Scheduler name.</p>

<privacy-3des> (configuration/snmp/v3/usm/local-engine/user)

Usage	<pre> <configuration> <snmp> <v3> <usm> <local-engine> <user> <privacy-3des> <privacy-password>privacy-password</privacy-password> </privacy-3des> </user> </local-engine> </usm> </v3> </snmp> </configuration> </pre>
Description	Configure Triple DES privacy.
Contents	<privacy-password>—User's privacy password.

<privacy-3des> (configuration/snmp/v3/usm/remote-engine/user)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <remote-engine>
 <user>
 <privacy-3des>
 <privacy-password>privacy-password</privacy-password>
 </privacy-3des>
 </user>
 </remote-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description Configure Triple DES privacy.

Contents <privacy-password>—User's privacy password.

<privacy-aes128> (configuration/snmp/v3/usm/local-engine/user)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <local-engine>
 <user>
 <privacy-aes128>
 <privacy-password>privacy-password</privacy-password>
 </privacy-aes128>
 </user>
 </local-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description Configure AES128 privacy.

Contents <privacy-password>—User's privacy password.

<privacy-aes128> (configuration/snmp/v3/usm/remote-engine/user)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <remote-engine>
 <user>
 <privacy-aes128>
 <privacy-password>*privacy-password*</privacy-password>
 </privacy-aes128>
 </user>
 </remote-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description Configure AES128 privacy.

Contents <privacy-password>—User's privacy password.

<privacy-des> (configuration/snmp/v3/usm/local-engine/user)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <local-engine>
 <user>
 <privacy-des>
 <privacy-password>*privacy-password*</privacy-password>
 </privacy-des>
 </user>
 </local-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description Configure DES privacy.

Contents <privacy-password>—User's privacy password.

<privacy-des> (configuration/snmp/v3/usm/remote-engine/user)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <remote-engine>
 <user>
 <privacy-des>
 <privacy-password>*privacy-password*</privacy-password>
 </privacy-des>
 </user>
 </remote-engine>
 </usm>
 </v3>
 </snmp>
 </configuration>

Description Configure DES privacy.

Contents <privacy-password>—User's privacy password.

<probe> (configuration/services/rpm)

Usage <configuration>
 <services>
 <rpm>
 <probe>
 <name>*name*</name> <!-- identifier -->
 <test>...</test>
 </probe>
 </rpm>
 </services>
 </configuration>

Description TCP/UDP/ICMP ping.

Contents <name>—Name of owner.

 <test>—TCP/UDP/ICMP ping test.

<probe-server> (configuration/services/rpm)

- Usage** <configuration>
 <services>
 <rpm>
 <probe-server>
 <icmp>...</icmp>
 <tcp>...</tcp>
 <udp>...</udp>
 </probe-server>
 </rpm>
 </services>
 </configuration>
- Description** ICMP/TCP/UDP probe server.
- Contents** <icmp>—ICMP probe server.
 <tcp>—TCP probe server.
 <udp>—UDP probe server.

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

- Usage** <configuration>
 <system>
 <processes>
 <process-monitor>
 <disable/>
 <traceoptions>...</traceoptions>
 </process-monitor>
 </processes>
 </system>
 </configuration>
- Description** Process health monitor process.
- Contents** <disable>—Disable Process health monitor process.
 <traceoptions>—Process health monitor trace options.

<processes> (configuration/system)

Usage <configuration>
 <system>
 <processes>
 <routing>...</routing>
 <chassis-control>...</chassis-control>
 <service-pics>...</service-pics>
 <ntp>...</ntp>
 <watchdog>...</watchdog>
 <process-monitor>...</process-monitor>
 <resource-cleanup>...</resource-cleanup>
 <routing-socket-proxy>...</routing-socket-proxy>
 <web-management>...</web-management>
 <cfm>...</cfm>
 <general-authentication-service>...</general-authentication-service>
 <diameter-service>...</diameter-service>
 <mac-validation>...</mac-validation>
 <sbc-configuration-process>...</sbc-configuration-process>
 <send>...</send>
 <daemon-process>...</daemon-process>
 </processes>
 </system>
 </configuration>

Description Process control.

Contents <cfm>—Ethernet OAM connectivity fault management process.

<chassis-control>—Chassis control process.

<daemon-process>—No documentation is available yet.

<diameter-service>—Diameter process.

<general-authentication-service>—General authentication service process.

<mac-validation>—Process mac validation process.

<ntp>—Network time process.

<process-monitor>—Process health monitor process.

<resource-cleanup>—Resource cleanup process.

<routing>—Routing process.

<routing-socket-proxy>—Routing socket proxy process.

<sbc-configuration-process>—SBC configuration process.

<send>—Secure Neighbor Discovery Protocol process.

<service-pics>—Service PICs process.

- <watchdog>—Watchdog timer.
- <web-management>—Web management process.

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

Usage	<pre><configuration> <security> <idp> <dynamic-attack-group> <filters> <products> <values>...</values> <!-- mandatory --> </products> </filters> </dynamic-attack-group> </idp> </security> </configuration></pre>
Description	Products this attack belongs to.
Contents	<values>—Values for products field.

<profile> (configuration/access)

Usage <configuration>
 <access>
 <profile>
 <name>*name*</name> <!-- identifier -->
 <accounting-order>...</accounting-order>
 <authentication-order>...</authentication-order>
 <client>...</client>
 <radius>...</radius>
 <session-options>...</session-options>
 <client-name-filter>...</client-name-filter>
 <ldap-options>...</ldap-options>
 <ldap-server>...</ldap-server>
 <radius-server>...</radius-server>
 <radius-options>...</radius-options>
 <accounting>...</accounting>
 </profile>
 </access>
 </configuration>

Description Set of attributes that define access.

Contents <accounting>—Specifies the accounting options.

<accounting-order>—Order in which accounting mechanisms are used.

<authentication-order>—Order in which authentication mechanisms are used.

<client>—Entity requesting access.

<client-name-filter>—Restrictions on client names.

<ldap-options>—Lightweight Directory Access Protocol options.

<ldap-server>—Lightweight Directory Access Protocol server.

<name>—Profile name.

<radius>—Set of RADIUS configurations.

<radius-options>—RADIUS options.

<radius-server>—RADIUS server configuration.

<session-options>—Options for an authenticated client's session.

<profile> (configuration/services/application-identification)

Usage	<pre> <configuration> <services> <application-identification> <profile> <name>name</name> <!-- identifier --> <rule-set>...</rule-set> </profile> </application-identification> </services> </configuration> </pre>
Description	One or more application rule-sets.
Contents	<p><name>—Profile name.</p> <p><rule-set>—One or more rule-sets in the profile.</p>

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

Usage	<pre> <configuration> <services> <ggsn> <apn> <qos-control> <profile> <name>name</name> <!-- identifier --> <default>...</default> <roaming-class>...</roaming-class> <sgsn-class>...</sgsn-class> </profile> </qos-control> </apn> </ggsn> </services> </configuration> </pre>
Description	QoS control profile.
Contents	<p><default>—Default QoS.</p> <p><name>—Profile identifier.</p> <p><roaming-class>—Roaming class.</p> <p><sgsn-class>—SGSN class.</p>

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <block-based-charging>
 <profile>
 <name>name</name> <!-- identifier -->
 <default-roaming-class>...</default-roaming-class>
 <roaming-class>...</roaming-class>
 </profile>
 </block-based-charging>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Block-based charging profile.

Contents <default-roaming-class>—Default roaming class.

 <name>—Profile identifier.

 <roaming-class>—Roaming class.

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <charging-unit>
 <profile>
 <name>name</name> <!-- identifier -->
 <currency>currency-choice</currency>
 </profile>
 </charging-unit>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Charging unit profile.

Contents <currency>—No documentation is available yet.

- currency-match—A number in the format nnn (000 ... 999).
- eur—Euro.
- no-currency—No currency specified.
- usd—US dollar.

 <name>—Profile identifier.

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

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <credit-control>
            <profile>
              <name>name</name>    <!-- identifier -->
              <diameter-application-system>diameter-application-system
                </diameter-application-system>    <!-- mandatory -->
              <request-duration>minutes</request-duration>
              <request-quota>...</request-quota>    <!-- mandatory -->
              <unit-type>unit-type-choice</unit-type>    <!-- mandatory -->
              <provider-id>provider-id</provider-id>
              <subscription-id>...</subscription-id>
              <apn-identifier/>
              <failure-action>failure-action-choice</failure-action>
              <quota-denied-action>...</quota-denied-action>
              <quota-denied-redirect/>
              <request-credit-on-activation/>
            </profile>
          </credit-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Credit control profile.

Contents <apn-identifier>—Include service provider APN name.

<diameter-application-system>—Diameter application system.

<failure-action>—Failure action settings.

■ free-services—Allow free services.

■ post-paid—Switch to post-paid handling of contexts.

■ terminate-contexts—Terminate associated contexts.

<name>—Profile identifier.

<provider-id>—Provider identifier.

<quota-denied-action>—Action to take when user quota is empty.

<quota-denied-redirect>—Redirect non-free services if user quota is empty.

<request-credit-on-activation>—Send request to CCS on primary activation.

<request-duration>—Credit validity duration time.

<request-quota>—Proposed quota to request.

<subscription-id>—Subscription identifier.

<unit-type>—Unit for proposed values.

- money—Units are monetary values.

- volume—Units are volume-based.

<profile> (configuration/services/ggsn/apn/ service-based-charging/policy-control/dynamic)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <policy-control>
            <dynamic>
              <profile>
                <name>name</name>    <!-- identifier -->
                <diameter-application-system>diameter-application-system
                  </diameter-application-system>    <!-- mandatory -->
                <quality-of-service>quality-of-service-choice</quality-of-service>
                <subscription-id>...</subscription-id>
                <failure-action>failure-action-choice</failure-action>
              </profile>
            </dynamic>
          </policy-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Policy control dynamic profile.

Contents <diameter-application-system>—Diameter application system.

<failure-action>—Failure settings.

- terminate-contexts—Terminate associated contexts.
- use-static—Use the static rating configuration.

<name>—Profile identifier.

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

- 3gpp—Use 3GPP quality of service.
- 3gpp-extended—Use 3GPP extended quality of service.
- diffserv—Use DiffServ quality of service.

<subscription-id>—Subscription identifier.

<profile> (configuration/services/ggsn/apn/service-based-charging/policy-control/static)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <policy-control>
 <static>
 <profile>
 <name>*name*</name> <!-- identifier -->
 <activation-time>...</activation-time>
 <all-time>...</all-time>
 </profile>
 </static>
 </policy-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Policy control static profile.

Contents <activation-time>—Activation time for rates.

 <all-time>—Time-independent rates.

 <name>—Profile identifier.

<profile> (configuration/services/ggsn/apn/service-based-charging/rating-control)

Usage	<pre> <configuration> <services> <ggsn> <apn> <service-based-charging> <rating-control> <profile> <name>name</name> <!-- identifier --> <postpaid/> </profile> </rating-control> </service-based-charging> </apn> </ggsn> </services> </configuration> </pre>
Description	Rating control profile.
Contents	<p><name>—Profile identifier.</p> <p><postpaid>—Activate rating for post-paid subscribers.</p>

<profile0> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <apn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile0> <timeout>minutes</timeout> <!-- mandatory --> </profile0> </charging-profile> </idle-timeout> </session-control> </pdp-context> </apn> </ggsn> </services> </configuration> </pre>
Description	Profile 0.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile0> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <session-timeout>
              <charging-profile>
                <profile0>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile0>
              </charging-profile>
            </session-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 0.

Contents <timeout>—Maximum duration for a context.

<profile0> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile0>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile0>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 0 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile0> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile0> <imsi>...</imsi> </profile0> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 0 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile0> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile0> <timeout>minutes</timeout> <!-- mandatory --> </profile0> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 0.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile0> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile0>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile0>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 0.

Contents <timeout>—Maximum duration for a context.

<profile1> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile1>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile1>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 1.

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

<profile1> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile1>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile1>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 1.

Contents <timeout>—Maximum duration for a context.

<profile1> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile1>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile1>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 1 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

■ ftp-pull—Charging data transfer uses FTP pull only.

■ gtp-prime—Charging data transfer uses GTP Prime only.

■ gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile1> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile1> <imsi>...</imsi> </profile1> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 1 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile1> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile1> <timeout>minutes</timeout> <!-- mandatory --> </profile1> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 1.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile1> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <session-timeout> <charging-profile> <profile1> <timeout>minutes</timeout> <!-- mandatory --> </profile1> </charging-profile> </session-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 1.
Contents	<timeout>—Maximum duration for a context.

<profile10> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <apn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile10> <timeout>minutes</timeout> <!-- mandatory --> </profile10> </charging-profile> </idle-timeout> </session-control> </pdp-context> </apn> </ggsn> </services> </configuration> </pre>
Description	Profile 10.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile10> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile10>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile10>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 10.

Contents <timeout>—Maximum duration for a context.

<profile10> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile10>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile10>
 </characteristics>
 </charging>
 </ggsn>
 </services>
</configuration>

Description Profile 10 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile10> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile10> <imsi>...</imsi> </profile10> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 10 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile10> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile10> <timeout>minutes</timeout> <!-- mandatory --> </profile10> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 10.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile10> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile10>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile10>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Profile 10.

Contents <timeout>—Maximum duration for a context.

<profile11> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <idle-timeout>
 <charging-profile>
 <profile11>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile11>
 </charging-profile>
 </idle-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 11.

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

<profile11> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile11>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile11>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 11.

Contents <timeout>—Maximum duration for a context.

<profile11> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile11>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile11>
 </characteristics>
 </charging>
 </ggsn>
 </services>
</configuration>

Description Profile 11 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
 - gtp-prime—Charging data transfer uses GTP Prime only.
 - gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.
- <volume-limit>—Volume of charging data to buffer.

<profile11> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile11> <imsi>...</imsi> </profile11> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 11 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile11> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile11> <timeout>minutes</timeout> <!-- mandatory --> </profile11> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 11.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile11> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile11>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile11>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 11.

Contents <timeout>—Maximum duration for a context.

<profile12> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile12>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile12>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 12.

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

<profile12> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile12>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile12>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 12.

Contents <timeout>—Maximum duration for a context.

<profile12> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile12>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile12>
 </characteristics>
 </charging>
 </ggsn>
 </services>
</configuration>

Description Profile 12 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
 - gtp-prime—Charging data transfer uses GTP Prime only.
 - gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.
- <volume-limit>—Volume of charging data to buffer.

<profile12> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile12> <imsi>...</imsi> </profile12> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 12 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile12> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile12> <timeout>minutes</timeout> <!-- mandatory --> </profile12> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 12.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile12> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile12>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile12>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 12.

Contents <timeout>—Maximum duration for a context.

<profile13> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile13>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile13>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 13.

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

<profile13> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile13>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile13>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 13.

Contents <timeout>—Maximum duration for a context.

<profile13> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile13>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile13>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 13 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
 - gtp-prime—Charging data transfer uses GTP Prime only.
 - gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.
- <volume-limit>—Volume of charging data to buffer.

<profile13> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile13> <imsi>...</imsi> </profile13> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 13 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile13> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile13> <timeout>minutes</timeout> <!-- mandatory --> </profile13> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 13.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile13> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile13>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile13>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Profile 13.

Contents <timeout>—Maximum duration for a context.

<profile14> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile14>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile14>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Profile 14.

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

<profile14> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile14>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile14>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 14.

Contents <timeout>—Maximum duration for a context.

<profile14> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile14>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile14>
 </characteristics>
 </charging>
 </ggsn>
 </services>
</configuration>

Description Profile 14 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile14> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile14> <imsi>...</imsi> </profile14> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 14 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile14> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile14> <timeout>minutes</timeout> <!-- mandatory --> </profile14> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 14.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile14> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile14>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile14>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 14.

Contents <timeout>—Maximum duration for a context.

<profile15> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile15>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile15>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 15.

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

<profile15> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile15>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile15>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 15.

Contents <timeout>—Maximum duration for a context.

<profile15> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile15>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile15>
 </characteristics>
 </charging>
 </ggsn>
 </services>
</configuration>

Description Profile 15 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
 - gtp-prime—Charging data transfer uses GTP Prime only.
 - gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.
- <volume-limit>—Volume of charging data to buffer.

<profile15> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile15> <imsi>...</imsi> </profile15> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 15 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile15> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile15> <timeout>minutes</timeout> <!-- mandatory --> </profile15> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 15.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile15> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile15>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile15>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Profile 15.

Contents <timeout>—Maximum duration for a context.

<profile2> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <idle-timeout>
 <charging-profile>
 <profile2>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile2>
 </charging-profile>
 </idle-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 2.

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

<profile2> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile2>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile2>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 2.

Contents <timeout>—Maximum duration for a context.

<profile2> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile2>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile2>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 2 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile2> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile2> <imsi>...</imsi> </profile2> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 2 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile2> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile2> <timeout>minutes</timeout> <!-- mandatory --> </profile2> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 2.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile2> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile2>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile2>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Profile 2.

Contents <timeout>—Maximum duration for a context.

<profile3> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile3>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile3>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Profile 3.

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

<profile3> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile3>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile3>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 3.

Contents <timeout>—Maximum duration for a context.

<profile3> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile3>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile3>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 3 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile3> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile3> <imsi>...</imsi> </profile3> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 3 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile3> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile3> <timeout>minutes</timeout> <!-- mandatory --> </profile3> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 3.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile3> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile3>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile3>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Profile 3.

Contents <timeout>—Maximum duration for a context.

<profile4> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile4>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile4>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Profile 4.

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

**<profile4> (configuration/services/ggsn/apn/pdp-context/
session-control/session-timeout/charging-profile)**

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile4>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile4>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 4.

Contents <timeout>—Maximum duration for a context.

<profile4> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile4>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile4>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 4 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile4> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile4> <imsi>...</imsi> </profile4> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 4 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile4> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile4> <timeout>minutes</timeout> <!-- mandatory --> </profile4> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 4.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile4> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile4>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile4>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 4.

Contents <timeout>—Maximum duration for a context.

<profile5> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile5>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile5>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 5.

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

<profile5> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile5>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile5>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 5.

Contents <timeout>—Maximum duration for a context.

<profile5> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile5>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile5>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 5 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

■ ftp-pull—Charging data transfer uses FTP pull only.

■ gtp-prime—Charging data transfer uses GTP Prime only.

■ gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile5> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile5> <imsi>...</imsi> </profile5> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 5 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile5> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile5> <timeout>minutes</timeout> <!-- mandatory --> </profile5> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 5.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile5> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile5>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile5>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>

```

Description Profile 5.

Contents <timeout>—Maximum duration for a context.

<profile6> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile6>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile6>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Profile 6.

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

<profile6> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile6>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile6>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 6.

Contents <timeout>—Maximum duration for a context.

<profile6> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile6>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile6>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 6 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

■ ftp-pull—Charging data transfer uses FTP pull only.

■ gtp-prime—Charging data transfer uses GTP Prime only.

■ gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile6> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile6> <imsi>...</imsi> </profile6> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 6 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile6> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile6> <timeout>minutes</timeout> <!-- mandatory --> </profile6> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 6.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile6> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <session-timeout> <charging-profile> <profile6> <timeout>minutes</timeout> <!-- mandatory --> </profile6> </charging-profile> </session-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 6.
Contents	<timeout>—Maximum duration for a context.

<profile7> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <apn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile7> <timeout>minutes</timeout> <!-- mandatory --> </profile7> </charging-profile> </idle-timeout> </session-control> </pdp-context> </apn> </ggsn> </services> </configuration> </pre>
Description	Profile 7.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile7> (configuration/services/ggsn/apn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile7>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile7>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 7.

Contents <timeout>—Maximum duration for a context.

<profile7> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile7>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile7>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 7 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile7> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile7> <imsi>...</imsi> </profile7> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 7 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile7> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile7> <timeout>minutes</timeout> <!-- mandatory --> </profile7> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 7.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile7> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <session-timeout> <charging-profile> <profile7> <timeout>minutes</timeout> <!-- mandatory --> </profile7> </charging-profile> </session-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 7.
Contents	<timeout>—Maximum duration for a context.

<profile8> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <apn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile8> <timeout>minutes</timeout> <!-- mandatory --> </profile8> </charging-profile> </idle-timeout> </session-control> </pdp-context> </apn> </ggsn> </services> </configuration> </pre>
Description	Profile 8.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

**<profile8> (configuration/services/ggsn/apn/pdp-context/
session-control/session-timeout/charging-profile)**

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile8>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile8>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 8.

Contents <timeout>—Maximum duration for a context.

<profile8> (configuration/services/ggsn/charging/characteristics)

Usage

```

<configuration>
  <services>
    <ggsn>
      <charging>
        <characteristics>
          <profile8>
            <volume-limit>kilobytes</volume-limit>
            <time-limit>minutes</time-limit>
            <call-detail/>
            <change-limit>change-limit</change-limit>
            <transfer-type>transfer-type-choice</transfer-type>
            <gtp-prime>...</gtp-prime>
          </profile8>
        </characteristics>
      </charging>
    </ggsn>
  </services>
</configuration>

```

Description Profile 8 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile8> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile8> <imsi>...</imsi> </profile8> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 8 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile8> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile8> <timeout>minutes</timeout> <!-- mandatory --> </profile8> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 8.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile8> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <pdp-context>
        <session-control>
          <session-timeout>
            <charging-profile>
              <profile8>
                <timeout>minutes</timeout>    <!-- mandatory -->
              </profile8>
            </charging-profile>
          </session-timeout>
        </session-control>
      </pdp-context>
    </ggsn>
  </services>
</configuration>
```

Description Profile 8.

Contents <timeout>—Maximum duration for a context.

<profile9> (configuration/services/ggsn/apn/pdp-context/session-control/idle-timeout/charging-profile)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <charging-profile>
                <profile9>
                  <timeout>minutes</timeout>    <!-- mandatory -->
                </profile9>
              </charging-profile>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Profile 9.

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

**<profile9> (configuration/services/ggsn/apn/pdp-context/
session-control/session-timeout/charging-profile)**

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile9>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile9>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Profile 9.

Contents <timeout>—Maximum duration for a context.

<profile9> (configuration/services/ggsn/charging/characteristics)

Usage <configuration>
 <services>
 <ggsn>
 <charging>
 <characteristics>
 <profile9>
 <volume-limit>*kilobytes*</volume-limit>
 <time-limit>*minutes*</time-limit>
 <call-detail/>
 <change-limit>*change-limit*</change-limit>
 <transfer-type>*transfer-type-choice*</transfer-type>
 <gtp-prime>...</gtp-prime>
 </profile9>
 </characteristics>
 </charging>
 </ggsn>
 </services>
 </configuration>

Description Profile 9 clients.

Contents <call-detail>—Generate call data records.

<change-limit>—Maximum record changes to buffer on PIC.

<gtp-prime>—Characteristic specific GTP Prime configuration.

<time-limit>—Time to buffer charging data.

<transfer-type>—Method used to transfer charging data.

- ftp-pull—Charging data transfer uses FTP pull only.
- gtp-prime—Charging data transfer uses GTP Prime only.
- gtp-ftp—Charging data transfer uses both FTP pull and GTP Prime.

<volume-limit>—Volume of charging data to buffer.

<profile9> (configuration/services/ggsn/charging/imsi-based-characteristics)

Usage	<pre> <configuration> <services> <ggsn> <charging> <imsi-based-characteristics> <profile9> <imsi>...</imsi> </profile9> </imsi-based-characteristics> </charging> </ggsn> </services> </configuration> </pre>
Description	Profile 9 clients.
Contents	<imsi>—Specify IMSI patterns using regular expressions.

<profile9> (configuration/services/ggsn/pdp-context/session-control/idle-timeout/charging-profile)

Usage	<pre> <configuration> <services> <ggsn> <pdp-context> <session-control> <idle-timeout> <charging-profile> <profile9> <timeout>minutes</timeout> <!-- mandatory --> </profile9> </charging-profile> </idle-timeout> </session-control> </pdp-context> </ggsn> </services> </configuration> </pre>
Description	Profile 9.
Contents	<timeout>—Maximum consecutive idle minutes for a context.

<profile9> (configuration/services/ggsn/pdp-context/session-control/session-timeout/charging-profile)

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <charging-profile>
 <profile9>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 </profile9>
 </charging-profile>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Profile 9.

Contents <timeout>—Maximum duration for a context.

<promiscuous-mode> (configuration/dynamic-profiles/interfaces/interface/atm-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <atm-options>
 <promiscuous-mode>
 <vpi>...</vpi>
 </promiscuous-mode>
 </atm-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Set ATM interface to promiscuous mode.

Contents <vpi>—Open this VPI in promiscuous mode.

<promiscuous-mode> (configuration/interfaces/interface/atm-options)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <promiscuous-mode>
 <vpi>...</vpi>
 </promiscuous-mode>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description Set ATM interface to promiscuous mode.

Contents <vpi>—Open this VPI in promiscuous mode.

<proposal> (configuration/security/ike)

Usage <configuration>
 <security>
 <ike>
 <proposal>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <authentication-method>*authentication-method-choice*
 </authentication-method>
 <dh-group>*dh-group-choice*</dh-group>
 <authentication-algorithm>*authentication-algorithm-choice*
 </authentication-algorithm>
 <encryption-algorithm>*encryption-algorithm-choice*</encryption-algorithm>
 <lifetime-seconds>*seconds*</lifetime-seconds>
 </proposal>
 </ike>
 </security>
 </configuration>

Description Define an IKE proposal.

Contents <authentication-algorithm>—Define authentication algorithm.

- md5—MD5 authentication algorithm.
- sha-256—SHA 256-bit authentication algorithm.
- sha1—SHA1 authentication algorithm.

<authentication-method>—Define authentication method.

- dsa-signatures—DSA signatures.
- pre-shared-keys—Preshared keys.
- rsa-signatures—RSA signatures.

<description>—Text description of IKE proposal.

<dh-group>—Define Diffie-Hellman group.

- group1—Diffie-Hellman Group1.
- group2—Diffie-Hellman Group2.

<encryption-algorithm>—Define encryption algorithm.

- 3des-cbc—3DES-CBC encryption algorithm.
- aes-128-cbc—AES-CBC 128-bit encryption algorithm.

- `aes-192-cbc`—AES-CBC 192-bit encryption algorithm.
- `aes-256-cbc`—AES-CBC 256-bit encryption algorithm.
- `des-cbc`—DES-CBC encryption algorithm.

`<lifetime-seconds>`—Lifetime, in seconds.

`<name>`—Name of the IKE proposal.

<proposal> (configuration/security/ipsec)

```
Usage  <configuration>
      <security>
      <ipsec>
        <proposal>
          <name>name</name>    <!-- identifier -->
          <description>description</description>
          <protocol>protocol-choice</protocol>
          <authentication-algorithm>authentication-algorithm-choice
            </authentication-algorithm>
          <encryption-algorithm>encryption-algorithm-choice</encryption-algorithm>
          <lifetime-seconds>seconds</lifetime-seconds>
        </proposal>
      </ipsec>
    </security>
  </configuration>
```

Description Define an IPSec proposal.

Contents <authentication-algorithm>—Define authentication algorithm.

- `hmac-md5-96`—HMAC-MD5-96 authentication algorithm.
- `hmac-sha1-96`—HMAC-SHA1-96 authentication algorithm.
- `hmac-sha2-256`—HMAC-SHA2-256 authentication algorithm.

<description>—Text description of IPSec proposal.

<encryption-algorithm>—Define encryption algorithm.

- 3des-cbc—3DES-CBC encryption algorithm.
- aes-128-cbc—AES-CBC 128-bit encryption algorithm.
- aes-192-cbc—AES-CBC 192-bit encryption algorithm.
- aes-256-cbc—AES-CBC 256-bit encryption algorithm.
- des-cbc—DES-CBC encryption algorithm.

<lifetime-seconds>—Lifetime, in seconds.

<name>—Name of the IPSec proposal.

<protocol>—Define an IPSec protocol for the proposal.

- **ah**—Authentication header.
- **bundle**—Bundle (AH authentication plus ESP encryption).
- **esp**—Encapsulated Security Payload header.

<proposal> (configuration/services/ipsec-vpn/ike)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ike>
 <proposal>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <authentication-method>*authentication-method-choice*
 </authentication-method>
 <dh-group>*dh-group-choice*</dh-group>
 <authentication-algorithm>*authentication-algorithm-choice*
 </authentication-algorithm>
 <encryption-algorithm>*encryption-algorithm-choice*</encryption-algorithm>
 <lifetime-seconds>*seconds*</lifetime-seconds>
 </proposal>
 </ike>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define an IKE proposal.

Contents <authentication-algorithm>—Define authentication algorithm.

- md5—MD5 authentication algorithm.
- sha-256—SHA 256-bit authentication algorithm.
- sha1—SHA1 authentication algorithm.

<authentication-method>—Define authentication method.

- dsa-signatures—DSA signatures.
- pre-shared-keys—Preshared keys.
- rsa-signatures—RSA signatures.

<description>—Text description of IKE proposal.

<dh-group>—Define Diffie-Hellman group.

- group1—Diffie-Hellman Group1.
- group2—Diffie-Hellman Group2.

<encryption-algorithm>—Define encryption algorithm.

- 3des-cbc—3DES-CBC encryption algorithm.
- aes-128-cbc—AES-CBC 128-bit encryption algorithm.
- aes-192-cbc—AES-CBC 192-bit encryption algorithm.

- `aes-256-cbc`—AES-CBC 256-bit encryption algorithm.
- `des-cbc`—DES-CBC encryption algorithm.

`<lifetime-seconds>`—Lifetime, in seconds.

`<name>`—Name of the IKE proposal.

<proposal> (configuration/services/ipsec-vpn/ipsec)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ipsec>
 <proposal>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <protocol>*protocol-choice*</protocol>
 <authentication-algorithm>*authentication-algorithm-choice*
 </authentication-algorithm>
 <encryption-algorithm>*encryption-algorithm-choice*</encryption-algorithm>
 <lifetime-seconds>*seconds*</lifetime-seconds>
 </proposal>
 </ipsec>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define an IPSec proposal.

Contents <authentication-algorithm>—Define authentication algorithm.

- hmac-md5-96—HMAC-MD5-96 authentication algorithm.
- hmac-sha1-96—HMAC-SHA1-96 authentication algorithm.
- hmac-sha2-256—HMAC-SHA2-256 authentication algorithm.

<description>—Text description of IPSec proposal.

<encryption-algorithm>—Define encryption algorithm.

- 3des-cbc—3DES-CBC encryption algorithm.
- aes-128-cbc—AES-CBC 128-bit encryption algorithm.
- aes-192-cbc—AES-CBC 192-bit encryption algorithm.
- aes-256-cbc—AES-CBC 256-bit encryption algorithm.
- des-cbc—DES-CBC encryption algorithm.

<lifetime-seconds>—Lifetime, in seconds.

<name>—Name of the IPSec proposal.

<protocol>—Define an IPSec protocol for the proposal.

- ah—Authentication header.
- bundle—Bundle (AH authentication plus ESP encryption).
- esp—Encapsulated Security Payload header.

<proposals> (configuration/security/ike/policy)

Usage <configuration>
 <security>
 <ike>
 <policy>
 <proposals>
 <name>name</name> <!-- identifier -->
 </proposals>
 </policy>
</ike>
</security>
</configuration>

Description Define the set of IKE proposals.

Contents <name>—Name of the proposal.

<proposals> (configuration/security/ipsec/policy)

Usage <configuration>
 <security>
 <ipsec>
 <policy>
 <proposals>
 <name>name</name> <!-- identifier -->
 </proposals>
 </policy>
</ipsec>
</security>
</configuration>

Description Define the set of IPSec proposals.

Contents <name>—Name of the proposal.

<proposals> (configuration/services/ipsec-vpn/ike/policy)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ike>
 <policy>
 <proposals>
 <name>*name*</name> <!-- identifier -->
 </proposals>
 </policy>
 </ike>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define the set of IKE proposals.

Contents <name>—Name of the proposal.

<proposals> (configuration/services/ipsec-vpn/ipsec/policy)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ipsec>
 <policy>
 <proposals>
 <name>*name*</name> <!-- identifier -->
 </proposals>
 </policy>
 </ipsec>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define the set of IPSec proposals.

Contents <name>—Name of the proposal.

<protected-system-domains> (configuration/chassis/system-domains)

Usage <configuration>
 <chassis>
 <system-domains>
 <protected-system-domains>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <fpcs>...</fpcs>
 <control-system-id>*control-system-id*</control-system-id> <!-- mandatory -->
 <control-slot-numbers>...</control-slot-numbers> <!-- mandatory -->
 <control-plane-bandwidth-percent>*percent*</control-plane-bandwidth-percent>
 </protected-system-domains>
 </system-domains>
 </chassis>
 </configuration>

Description Protected system domain configuration.

Contents <control-plane-bandwidth-percent>—Percentage of control plane bandwidth.
 <control-slot-numbers>—Slots associated with protected system domain.
 <control-system-id>—Control system identifier.
 <description>—Description of protected system domain.
 <fpcs>—FPC associated with protected system domain.
 <name>—Name of protected system domain (psd[1-31], ex. psd2).

<protection-group> (configuration/logical-systems/protocols)

Usage	<pre> <configuration> <logical-systems> <protocols> <protection-group> <traceoptions>...</traceoptions> <restore-interval>minutes</restore-interval> <guard-interval>milliseconds</guard-interval> <hold-interval>milliseconds</hold-interval> <ethernet-ring>...</ethernet-ring> </protection-group> </protocols> </logical-systems> </configuration> </pre>
Description	Protection group.
Contents	<p><ethernet-ring>—Ethernet ring.</p> <p><guard-interval>—Guard timer interval in 10ms steps.</p> <p><hold-interval>—Hold off timer interval in 100ms steps.</p> <p><restore-interval>—Wait to restore interval.</p> <p><traceoptions>—Tracing options for debugging protocol operation.</p>

<protection-group> (configuration/protocols)

Usage	<pre> <configuration> <protocols> <protection-group> <traceoptions>...</traceoptions> <restore-interval>minutes</restore-interval> <guard-interval>milliseconds</guard-interval> <hold-interval>milliseconds</hold-interval> <ethernet-ring>...</ethernet-ring> </protection-group> </protocols> </configuration> </pre>
Description	Protection group.
Contents	<p><ethernet-ring>—Ethernet ring.</p> <p><guard-interval>—Guard timer interval in 10ms steps.</p> <p><hold-interval>—Hold off timer interval in 100ms steps.</p> <p><restore-interval>—Wait to restore interval.</p> <p><traceoptions>—Tracing options for debugging protocol operation.</p>

<protocol> (configuration/class-of-service/interfaces/interface/unit/rewrite-rules/dscp)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <dscp>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </dscp>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Specify protocol matching criteria.

- Contents** <name>—Specify protocol matching criteria.
- ethernet-switching—Apply to L2 family.
 - inet—Apply to L3 family.
 - mpls—Apply to IPv4 packets entering MPLS tunnel.

<protocol> (configuration/class-of-service/interfaces/interface/unit/rewrite-rules/exp)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <exp>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </exp>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- mpls-any—Apply to MPLS packets, write MPLS header only.
- mpls-inet-both—Apply to IPv4 MPLS packets, write MPLS and IPv4 header.
- mpls-inet-both-non-vpn—Apply to IPv4 MPLS packets, write MPLS and IPv4 header for only non VPN traffic.

<protocol> (configuration/class-of-service/interfaces/interface/unit/rewrite-rules/ieee-802.1)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <ieee-802.1>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </ieee-802.1>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- ethernet-switching—Apply to L2 family.
- inet—Apply to L3 family.

<protocol> (configuration/class-of-service/interfaces/interface/unit/rewrite-rules/inet-precedence)

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <inet-precedence>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </inet-precedence>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- ethernet-switching—Apply to L2 family.
- inet—Apply to L3 family.
- mpls—Apply to IPv4 packets entering MPLS tunnel.

<protocol> (configuration/dynamic-profiles/class-of-service/interfaces/interface/unit/rewrite-rules/dscp)

Usage

```

<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <rewrite-rules>
              <dscp>
                <protocol>
                  <name>name</name>    <!-- identifier -->
                </protocol>
              </dscp>
            </rewrite-rules>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>

```

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- ethernet-switching—Apply to L2 family.
- inet—Apply to L3 family.
- mpls—Apply to IPv4 packets entering MPLS tunnel.

<protocol> (configuration/dynamic-profiles/class-of-service/interfaces/interface/unit/rewrite-rules/exp)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <exp>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </exp>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- mpls-any—Apply to MPLS packets, write MPLS header only.
- mpls-inet-both—Apply to IPv4 MPLS packets, write MPLS and IPv4 header.
- mpls-inet-both-non-vpn—Apply to IPv4 MPLS packets, write MPLS and IPv4 header for only non VPN traffic.

<protocol> (configuration/dynamic-profiles/class-of-service/interfaces/interface/unit/rewrite-rules/ieee-802.1)

Usage

```

<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <rewrite-rules>
              <ieee-802.1>
                <protocol>
                  <name>name</name>    <!-- identifier -->
                </protocol>
              </ieee-802.1>
            </rewrite-rules>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>

```

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- ethernet-switching—Apply to L2 family.
- inet—Apply to L3 family.

<protocol> (configuration/dynamic-profiles/class-of-service/interfaces/interface/unit/rewrite-rules/inet-precedence)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <rewrite-rules>
 <inet-precedence>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </inet-precedence>
 </rewrite-rules>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Specify protocol matching criteria.

Contents <name>—Specify protocol matching criteria.

- ethernet-switching—Apply to L2 family.
- inet—Apply to L3 family.
- mpls—Apply to IPv4 packets entering MPLS tunnel.

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

Usage <configuration>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
</configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Value.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

<protocol> (configuration/firewall/family/inet/filter/term/from)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Range of values.

- routing—IPv6 routing header.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.
- vrrp—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <service-filter>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </service-filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.

- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <simple-filter>
 <term>
 <from>
 <protocol>
 <icmp/>
 <igmp/>
 <ipip/>
 <tcp/>
 <egp/>
 <udp/>
 <rsvp/>
 <gre/>
 <esp/>
 <ah/>
 <ospf/>
 <pim/>
 <sctp/>
 <icmpv6/>
 <ipv6/>
 <dstopts/>
 <routing/>
 <fragment/>
 <no-next-header/>
 <hop-by-hop/>
 <vrrp/>
 <range/>
 </protocol>
 </from>
 </term>
 </simple-filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Match IP protocol type.

Contents <ah>—IP Security authentication header.
 <dstopts>—IPv6 destination options.
 <egp>—Exterior gateway protocol.
 <esp>—IPSec Encapsulating Security Payload.
 <fragment>—IPv6 fragment header.

<gre>—Generic routing encapsulation.

<hop-by-hop>—IPv6 hop-by-hop options.

<icmp>—Internet Control Message Protocol.

<icmpv6>—Internet Control Message Protocol version 6.

<igmp>—Internet Group Management Protocol.

<ipip>—IP in IP.

<ipv6>—IPv6 in IP.

<no-next-header>—IPv6 no next header.

<ospf>—Open Shortest Path First.

<pim>—Protocol Independent Multicast.

<range>—Range of values.

<routing>—IPv6 routing header.

<rsvp>—Resource Reservation Protocol.

<sctp>—Stream Control Transmission Protocol.

<tcp>—Transmission Control Protocol.

<udp>—User Datagram Protocol.

<vrrp>—Virtual Router Redundancy Protocol.

<protocol> (configuration/firewall/filter/term/from)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Range of values.
- routing—IPv6 routing header.
- rsvp—Resource Reservation Protocol.

- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Value.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage

```

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

```

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.

- `pim`—Protocol Independent Multicast.
- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage

```

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

```

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.

- `pim`—Protocol Independent Multicast.
- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <simple-filter>
            <term>
              <from>
                <protocol>
                  <icmp/>
                  <igmp/>
                  <ipip/>
                  <tcp/>
                  <egp/>
                  <udp/>
                  <rsvp/>
                  <gre/>
                  <esp/>
                  <ah/>
                  <ospf/>
                  <pim/>
                  <sctp/>
                  <icmpv6/>
                  <ipv6/>
                  <dstopts/>
                  <routing/>
                  <fragment/>
                  <no-next-header/>
                  <hop-by-hop/>
                  <vrrp/>
                  <range/>
                </protocol>
              </from>
            </term>
          </simple-filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Match IP protocol type.

Contents

- <ah>—IP Security authentication header.
- <dstopts>—IPv6 destination options.
- <egp>—Exterior gateway protocol.
- <esp>—IPSec Encapsulating Security Payload.

<fragment>—IPv6 fragment header.

<gre>—Generic routing encapsulation.

<hop-by-hop>—IPv6 hop-by-hop options.

<icmp>—Internet Control Message Protocol.

<icmpv6>—Internet Control Message Protocol version 6.

<igmp>—Internet Group Management Protocol.

<ipip>—IP in IP.

<ipv6>—IPv6 in IP.

<no-next-header>—IPv6 no next header.

<ospf>—Open Shortest Path First.

<pim>—Protocol Independent Multicast.

<range>—Range of values.

<routing>—IPv6 routing header.

<rsvp>—Resource Reservation Protocol.

<sctp>—Stream Control Transmission Protocol.

<tcp>—Transmission Control Protocol.

<udp>—User Datagram Protocol.

<vrrp>—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
</configuration>

Description Match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Range of values.

- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

<protocol> (configuration/logical-systems/policy-options/policy-statement/from)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
- access-internal—Internal routes to directly connected clients.
- aggregate—Aggregate routes.
- bgp—BGP.
- direct—Directly connected routes.
- dvmrp—Distance Vector Multicast Routing Protocol.
- esis—End System-to-Intermediate System.
- isis—Intermediate System-to-Intermediate System.
- l2circuit—Layer 2 circuits.
- l2vpn—Layer 2 MPLS virtual private networks.
- ldp—Label Distribution Protocol.
- local—Local system addresses.
- msdp—Multicast Source Discovery Protocol.
- ospf—Open Shortest Path First.
- ospf2—Open Shortest Path First Version 2.
- ospf3—Open Shortest Path First Version 3.
- pim—Protocol Independent Multicast.

- `rip`—Routing Information Protocol.
- `ripng`—Routing Information Protocol next generation.
- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/logical-systems/policy-options/ policy-statement/term/from)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
</configuration>

Description Protocol from which route was learned.

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- isis—Intermediate System-to-Intermediate System.
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- ospf—Open Shortest Path First.
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- `pim`—Protocol Independent Multicast.
- `rip`—Routing Information Protocol.
- `ripng`—Routing Information Protocol next generation.
- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/logical-systems/policy-options/policy-statement/term/to)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <term>
 <to>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </to>
 </term>
 </policy-statement>
 </policy-options>
 </logical-systems>
</configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
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- bgp—BGP.
- direct—Directly connected routes.
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- local—Local system addresses.
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- ospf—Open Shortest Path First.
- ospf2—Open Shortest Path First Version 2.
- ospf3—Open Shortest Path First Version 3.

- `pim`—Protocol Independent Multicast.
- `rip`—Routing Information Protocol.
- `ripng`—Routing Information Protocol next generation.
- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/logical-systems/policy-options/policy-statement/to)

Usage <configuration>
 <logical-systems>
 <policy-options>
 <policy-statement>
 <to>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </to>
 </policy-statement>
 </policy-options>
 </logical-systems>
 </configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
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- ldp—Label Distribution Protocol.
- local—Local system addresses.
- msdp—Multicast Source Discovery Protocol.
- ospf—Open Shortest Path First.
- ospf2—Open Shortest Path First Version 2.
- ospf3—Open Shortest Path First Version 3.
- pim—Protocol Independent Multicast.

- rip—Routing Information Protocol.
- ripng—Routing Information Protocol next generation.
- rsvp—Resource Reservation Protocol.
- rtarget—Local route target VPN membership.
- static—Statically defined addresses.

<protocol> (configuration/logical-systems/protocols/layer2-control/mac-rewrite/interface)

Usage <configuration>
 <logical-systems>
 <protocols>
 <layer2-control>
 <mac-rewrite>
 <interface>
 <protocol>
 <stp>stp</stp>
 <vtp>vtp</vtp>
 <cdp>cdp</cdp>
 </protocol>
 </interface>
 </mac-rewrite>
 </layer2-control>
 </protocols>
 </logical-systems>
 </configuration>

Description Protocols for which mac rewrite need to be enabled.

Contents <cdp>—Enable mac rewrite for CDP.

 <stp>—Enable mac rewrite for STP.

 <vtp>—Enable mac rewrite for VTP.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <route>
 <match>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </match>
 </route>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description IP protocol value.

Contents <name>—IP protocol value.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- expression—No documentation is available yet.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <flow>
 <route>
 <match>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </match>
 </route>
 </flow>
 </routing-options>
 </logical-systems>
 </configuration>

Description IP protocol value.

Contents <name>—IP protocol value.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
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- pim—Protocol Independent Multicast.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

<protocol> (configuration/policy-options/policy-statement/from)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <from>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </from>
 </policy-statement>
 </policy-options>
 </configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
- access-internal—Internal routes to directly connected clients.
- aggregate—Aggregate routes.
- bgp—BGP.
- direct—Directly connected routes.
- dvmrp—Distance Vector Multicast Routing Protocol.
- esis—End System-to-Intermediate System.
- isis—Intermediate System-to-Intermediate System.
- l2circuit—Layer 2 circuits.
- l2vpn—Layer 2 MPLS virtual private networks.
- ldp—Label Distribution Protocol.
- local—Local system addresses.
- msdp—Multicast Source Discovery Protocol.
- ospf—Open Shortest Path First.
- ospf2—Open Shortest Path First Version 2.
- ospf3—Open Shortest Path First Version 3.
- pim—Protocol Independent Multicast.
- rip—Routing Information Protocol.
- ripng—Routing Information Protocol next generation.

- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/policy-options/policy-statement/term/from)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </policy-statement>
 </policy-options>
</configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
- access-internal—Internal routes to directly connected clients.
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- ospf3—Open Shortest Path First Version 3.
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- `rip`—Routing Information Protocol.
- `ripng`—Routing Information Protocol next generation.
- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/policy-options/policy-statement/term/to)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <term>
 <to>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </to>
 </term>
 </policy-statement>
 </policy-options>
 </configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
- access-internal—Internal routes to directly connected clients.
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- l2vpn—Layer 2 MPLS virtual private networks.
- ldp—Label Distribution Protocol.
- local—Local system addresses.
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- ospf2—Open Shortest Path First Version 2.
- ospf3—Open Shortest Path First Version 3.
- pim—Protocol Independent Multicast.

- `rip`—Routing Information Protocol.
- `ripng`—Routing Information Protocol next generation.
- `rsvp`—Resource Reservation Protocol.
- `rtarget`—Local route target VPN membership.
- `static`—Statically defined addresses.

<protocol> (configuration/policy-options/policy-statement/to)

Usage <configuration>
 <policy-options>
 <policy-statement>
 <to>
 <protocol>
 <name>name</name> <!-- identifier -->
 </protocol>
 </to>
</policy-statement>
</policy-options>
</configuration>

Description Protocol from which route was learned.

Contents <name>—Protocol from which route was learned.

- access—Access server routes.
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- ospf3—Open Shortest Path First Version 3.
- pim—Protocol Independent Multicast.
- rip—Routing Information Protocol.
- ripng—Routing Information Protocol next generation.

- rsvp—Resource Reservation Protocol.
- rtarget—Local route target VPN membership.
- static—Statically defined addresses.

<protocol> (configuration/protocols/layer2-control/mac-rewrite/ interface)

Usage <configuration>
 <protocols>
 <layer2-control>
 <mac-rewrite>
 <interface>
 <protocol>
 <stp>stp</stp>
 <vtp>vtp</vtp>
 <cdp>cdp</cdp>
 </protocol>
 </interface>
 </mac-rewrite>
 </layer2-control>
 </protocols>
 </configuration>

Description Protocols for which mac rewrite need to be enabled.

Contents <cdp>—Enable mac rewrite for CDP.
 <stp>—Enable mac rewrite for STP.
 <vtp>—Enable mac rewrite for VTP.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <route>
 <match>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </match>
 </route>
 </flow>
 </routing-options>
 </instance>
</routing-instances>
</configuration>

Description IP protocol value.

Contents <name>—IP protocol value.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
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- gre—Generic routing encapsulation.
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- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage <configuration>
 <routing-options>
 <flow>
 <route>
 <match>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </match>
 </route>
 </flow>
 </routing-options>
 </configuration>

Description IP protocol value.

Contents <name>—IP protocol value.

- ah—IP Security authentication header.
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- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage

```

<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <chain>
            <member>
              <attack-type>
                <signature>
                  <protocol>
                    <ip>...</ip>
                    <tcp>...</tcp>
                    <udp>...</udp>
                    <icmp>...</icmp>
                  </protocol>
                </signature>
              </attack-type>
            </member>
          </chain>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>

```

Description Protocol header matches.

Contents <icmp>—ICMP protocol parameters.

<ip>—IP protocol parameters.

<tcp>—TCP protocol parameters.

<udp>—UDP protocol parameters.

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

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

Description Transport layer protocol.

- Contents** <match>—Match condition.
- equal—Match when value in packet is exact match.
 - greater-than—Match when value in packet is greater.
 - less-than—Match when value in packet is less.
 - not-equal—Match when value in packet is not exact match.
- <value>—Match value.

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

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <signature>
 <protocol>
 <ip>...</ip>
 <tcp>...</tcp>
 <udp>...</udp>
 <icmp>...</icmp>
 </protocol>
 </signature>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Protocol header matches.

Contents <icmp>—ICMP protocol parameters.

 <ip>—IP protocol parameters.

 <tcp>—TCP protocol parameters.

 <udp>—UDP protocol parameters.

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

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

Description Transport layer protocol.

Contents <match>—Match condition.

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

 <value>—Match value.

<protocol> (configuration/services/ggsn/service-identification/header-rule/term/from)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <header-rule>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </header-rule>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description Match protocol type.

Contents <name>—Match protocol type.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- number—Numeric protocol value (0 .. 255).
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

<protocol> (configuration/services/ggsn/service-identification/heuristic-rule/term/from)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <heuristic-rule>
 <term>
 <from>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </from>
 </term>
 </heuristic-rule>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description Match protocol sessions.

Contents <name>—No documentation is available yet.

- aol-instant-messenger—America Online IM traffic.
- bit-torrent—BitTorrent traffic.
- edonkey-2000—Edonkey2000 (eMule) traffic.
- fast-track—Fast Track/Kazaa traffic.
- gnutella—Gnutella traffic.
- google-talk—Google Talk traffic.
- name—Protocol name.
- open-fast-track—Open Fast Track traffic.
- p2p—All peer-to-peer traffic.
- skype—Skype traffic.
- tencent-qq—TencentQQ traffic.
- voip—All voice-over-IP traffic.
- windows-live-messenger—MSN/Windows Live Messenger traffic.
- wireless-village—Wireless Village traffic.
- yahoo-messenger—Yahoo Messenger traffic.

<protocol> (configuration/services/l2tp/traceoptions/filter)

Usage <configuration>
 <services>
 <l2tp>
 <traceoptions>
 <filter>
 <protocol>
 <name>*name*</name> <!-- identifier -->
 </protocol>
 </filter>
 </traceoptions>
 </l2tp>
 </services>
 </configuration>

Description Additional filter for protocol.

Contents <name>—No documentation is available yet.

- l2tp—Trace Layer 2 Tunneling Protocol events.
- ppp—Trace Point-to-Point Protocol events.
- radius—Trace RADIUS events.
- udp—Trace User Datagram Protocol events.

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

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <chain>
 <protocol-binding>
 <tcp>...</tcp>
 <udp>...</udp>
 <rpc>...</rpc>
 <icmp/>
 <ip>...</ip>
 <application>*application*</application>
 </protocol-binding>
 </chain>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Protocol binding over which attack will be detected.

Contents <application>—Application name.

 <icmp>—Attack is for ICMP packets only.

 <ip>—Attack is for all IP based packets.

 <rpc>—Attack is for RPC packets only.

 <tcp>—Attack is for TCP packets only.

 <udp>—Attack is for UDP packets only.

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

Usage

```

<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol-binding>
              <tcp>...</tcp>
              <udp>...</udp>
              <rpc>...</rpc>
              <icmp/>
              <ip>...</ip>
              <application>application</application>
            </protocol-binding>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>

```

Description Protocol binding over which attack will be detected.

Contents <application>—Application name.

<icmp>—Attack is for ICMP packets only.

<ip>—Attack is for all IP based packets.

<rpc>—Attack is for RPC packets only.

<tcp>—Attack is for TCP packets only.

<udp>—Attack is for UDP packets only.

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

Usage <configuration>
 <firewall>
 <family>
 <ethernet-switching>
 <filter>
 <term>
 <from>
 <protocol-except>
 <name>*name*</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </filter>
 </ethernet-switching>
 </family>
 </firewall>
 </configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Value.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <protocol-except>
 <name>*name*</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
</configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.

- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <service-filter>
 <term>
 <from>
 <protocol-except>
 <name>*name*</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </service-filter>
 </inet>
 </family>
 </firewall>
</configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.

- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <from>
 <protocol-except>
 <name>*name*</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Range of values.
- routing—IPv6 routing header.
- rsvp—Resource Reservation Protocol.

- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage

```

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

```

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- gre—Generic routing encapsulation.
- icmp—Internet Control Message Protocol.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Value.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <from>
 <protocol-except>
 <name>name</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.

- `pim`—Protocol Independent Multicast.
- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <service-filter>
 <term>
 <from>
 <protocol-except>
 <name>name</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </service-filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
</configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.

- `pim`—Protocol Independent Multicast.
- `range`—Range of values.
- `routing`—IPv6 routing header.
- `rsvp`—Resource Reservation Protocol.
- `sctp`—Stream Control Transmission Protocol.
- `tcp`—Transmission Control Protocol.
- `udp`—User Datagram Protocol.
- `vrp`—Virtual Router Redundancy Protocol.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <from>
 <protocol-except>
 <name>name</name> <!-- identifier -->
 </protocol-except>
 </from>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match IP protocol type.

Contents <name>—No documentation is available yet.

- ah—IP Security authentication header.
- dstopts—IPv6 destination options.
- egp—Exterior gateway protocol.
- esp—IPSec Encapsulating Security Payload.
- fragment—IPv6 fragment header.
- gre—Generic routing encapsulation.
- hop-by-hop—IPv6 hop-by-hop options.
- icmp—Internet Control Message Protocol.
- icmpv6—Internet Control Message Protocol version 6.
- igmp—Internet Group Management Protocol.
- ipip—IP in IP.
- ipv6—IPv6 in IP.
- no-next-header—IPv6 no next header.
- ospf—Open Shortest Path First.
- pim—Protocol Independent Multicast.
- range—Range of values.

- routing—IPv6 routing header.
- rsvp—Resource Reservation Protocol.
- sctp—Stream Control Transmission Protocol.
- tcp—Transmission Control Protocol.
- udp—User Datagram Protocol.
- vrrp—Virtual Router Redundancy Protocol.

<protocol-inspection> (configuration/services/ggsn/service-identification/header-rule/term/then)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <header-rule>
 <term>
 <then>
 <protocol-inspection>
 <http-wsp-rule-set>*http-wsp-rule-set*</http-wsp-rule-set>
 <smtp-rule-set>*smtp-rule-set*</smtp-rule-set>
 <pop3-rule-set>*pop3-rule-set*</pop3-rule-set>
 <ftp-rule-set>*ftp-rule-set*</ftp-rule-set>
 <tftp-rule-set>*tftp-rule-set*</tftp-rule-set>
 <rtsp-rule-set>*rtsp-rule-set*</rtsp-rule-set>
 <sip-rule-set>*sip-rule-set*</sip-rule-set>
 <msn-rule-set>*msn-rule-set*</msn-rule-set>
 <dns-rule-set>*dns-rule-set*</dns-rule-set>
 </protocol-inspection>
 </then>
 </term>
 </header-rule>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description Protocol inspection settings for flow.

Contents <dns-rule-set>—Apply a DNS rule set for transactions.

<ftp-rule-set>—Apply an FTP rule set for transactions.

<http-wsp-rule-set>—Apply a HTTPS/WSP rule set for transactions.

<msn-rule-set>—Apply an MSN rule set for transactions.

<pop3-rule-set>—Apply a POP3 rule set for transactions.

<rtsp-rule-set>—Apply an FTP rule set for transactions.

<sip-rule-set>—Apply an FTP rule set for transactions.

<smtp-rule-set>—Apply an SMTP rule set for transactions.

<tftp-rule-set>—Apply an TFTP rule set for transactions.

<protocol-name> (configuration/security/idp/sensor-configuration/detector)

Usage <configuration>
 <security>
 <idp>
 <sensor-configuration>
 <detector>
 <protocol-name>
 <name>name</name> <!-- identifier -->
 <tunable-name>...</tunable-name>
 </protocol-name>
 </detector>
 </sensor-configuration>
 </idp>
 </security>
 </configuration>

Description Appropriate help string.

Contents <name>—No documentation is available yet.

<tunable-name>—Protocol tunable name.

<protocol-version> (configuration/system/services/ssh)

Usage <configuration>
 <system>
 <services>
 <ssh>
 <protocol-version>
 <name>name</name> <!-- identifier -->
 </protocol-version>
 </ssh>
 </services>
 </system>
 </configuration>

Description Specify ssh protocol versions supported.

Contents <name>—Specify ssh protocol versions supported.

■ v1—Version 1 ssh protocol.

■ v2—Version 2 ssh protocol.

<protocols> (configuration)

Usage <configuration>
 <protocols>
 <l2iw>...</l2iw>
 <igmp>...</igmp>
 <mld>...</mld>
 <router-discovery>...</router-discovery>
 <router-advertisement>...</router-advertisement>
 <sap>...</sap>
 <rsvp>...</rsvp>
 <mpls>...</mpls>
 <bgp>...</bgp>
 <dvmrp>...</dvmrp>
 <isis>...</isis>
 <esis>...</esis>
 <msdp>...</msdp>
 <ospf>...</ospf>
 <ospf3>...</ospf3>
 <ldp>...</ldp>
 <pim>...</pim>
 <rip>...</rip>
 <ripng>...</ripng>
 <connections>...</connections>
 <vrrp>...</vrrp>
 <l2circuit>...</l2circuit>
 <link-management>...</link-management>
 <pgm>...</pgm>
 <bfd>...</bfd>
 <ilmi>...</ilmi>
 <lacp>...</lacp>
 <oam>...</oam>
 <ancp>...</ancp>
 <neighbor-discovery>...</neighbor-discovery>
 <igmp-host>...</igmp-host>
 <mld-host>...</mld-host>
 <l2-learning>...</l2-learning>
 <ppp>...</ppp>
 <layer2-control>...</layer2-control>
 <rstp>...</rstp>
 <mstp>...</mstp>
 <vstp>...</vstp>
 <dot1x>...</dot1x>
 <protection-group>...</protection-group>
 </protocols>
 </configuration>

Description Routing protocol configuration.

Contents <ancp>—Access Node Control Protocol options.

<bfd>—Bidirectional Forwarding Detection (BFD) options.

<bgp>—BGP options.

<connections>—Circuit cross-connect configuration.

<dot1x>—802.1X options.

<dvmrp>—DVMRP options.

<esis>—End system-intermediate system options.

<igmp>—IGMP options.

<igmp-host>—IGMP host options.

<ilmi>—Interim Local Management Interface Protocol configuration.

<isis>—IS-IS options.

<l2-learning>—Layer 2 forwarding configuration.

<l2circuit>—Configuration for Layer 2 circuits over MPLS.

<l2iw>—Configuration for Layer 2 interworking.

<lacp>—Link Aggregation Control Protocol configuration.

<layer2-control>—Global options for layer 2 protocols.

<ldp>—LDP options.

<link-management>—LMP options.

<mld>—MLD options.

<mld-host>—MLD host options.

<mpls>—Multiprotocol Label Switching options.

<msdp>—MSDP configuration.

<mstp>—Multiple Spanning Tree Protocol options.

<neighbor-discovery>—No documentation is available yet.

<oam>—Operation, Administration, and Management configuration.

<ospf>—OSPF configuration.

<ospf3>—OSPFv3 configuration.

<pgm>—PGM options.

<pim>—PIM configuration.

<ppp>—Configure PPP process.

<protection-group>—Protection group.

- <rip>—RIP options.
- <ripng>—RIPng options.
- <router-advertisement>—IPv6 router advertisement options.
- <router-discovery>—ICMP router discovery options.
- <rstp>—Rapid Spanning Tree Protocol options.
- <rsvp>—RSVP options.
- <sap>—Session Advertisement Protocol options.
- <vrrp>—VRRP options.
- <vstp>—VLAN Spanning Tree Protocol options.

<protocols> (configuration/bridge-domains/domain)

Usage <configuration>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>...</igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
</configuration>

Description No documentation is available yet.

Contents <igmp-snooping>—IGMP Snooping Configuration.

<protocols> (configuration/dynamic-profiles)

Usage <configuration>
 <dynamic-profiles>
 <protocols>
 <igmp>...</igmp>
 </protocols>
 </dynamic-profiles>
</configuration>

Description Routing protocol configuration.

Contents <igmp>—IGMP options.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <protocols>
 <name>*name*</name> <!-- identifier -->
 </protocols>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Protocols supported on TCC interface.

Contents <name>—Protocols supported on TCC interface.

- inet—IP version 4.
- iso—International Organization for Standardization.
- mpls—Multiprotocol Label Switching.

<protocols> (configuration/interfaces/interface/unit/family/tcc)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <protocols>
 <name>*name*</name> <!-- identifier -->
 </protocols>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Protocols supported on TCC interface.

Contents <name>—Protocols supported on TCC interface.

- inet—IP version 4.
- iso—International Organization for Standardization.
- mpls—Multiprotocol Label Switching.

<protocols> (configuration/logical-systems)

Usage <configuration>
 <logical-systems>
 <protocols>
 <l2iw>...</l2iw>
 <igmp>...</igmp>
 <mld>...</mld>
 <router-discovery>...</router-discovery>
 <router-advertisement>...</router-advertisement>
 <sap>...</sap>
 <rsvp>...</rsvp>
 <mpls>...</mpls>
 <bgp>...</bgp>
 <dvmrp>...</dvmrp>
 <isis>...</isis>
 <esis>...</esis>
 <msdp>...</msdp>
 <ospf>...</ospf>
 <ospf3>...</ospf3>
 <ldp>...</ldp>
 <pim>...</pim>
 <rip>...</rip>
 <ripng>...</ripng>
 <connections>...</connections>
 <vrrp>...</vrrp>
 <l2circuit>...</l2circuit>
 <link-management>...</link-management>
 <pgm>...</pgm>
 <bfd>...</bfd>
 <ilmi>...</ilmi>
 <lacp>...</lacp>
 <oam>...</oam>
 <ancp>...</ancp>
 <neighbor-discovery>...</neighbor-discovery>
 <igmp-host>...</igmp-host>
 <mld-host>...</mld-host>
 <l2-learning>...</l2-learning>
 <ppp>...</ppp>
 <layer2-control>...</layer2-control>
 <rstp>...</rstp>
 <mstp>...</mstp>
 <vstp>...</vstp>
 <dot1x>...</dot1x>
 <protection-group>...</protection-group>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing protocol configuration.

Contents <ancp>—Access Node Control Protocol options.

<bfd>—Bidirectional Forwarding Detection (BFD) options.

<bgp>—BGP options.

<connections>—Circuit cross-connect configuration.

<dot1x>—802.1X options.

<dvmrp>—DVMRP options.

<esis>—End system-intermediate system options.

<igmp>—IGMP options.

<igmp-host>—IGMP host options.

<ilmi>—Interim Local Management Interface Protocol configuration.

<isis>—IS-IS options.

<l2-learning>—Layer 2 forwarding configuration.

<l2circuit>—Configuration for Layer 2 circuits over MPLS.

<l2iw>—Configuration for Layer 2 interworking.

<lacp>—Link Aggregation Control Protocol configuration.

<layer2-control>—Global options for layer 2 protocols.

<ldp>—LDP options.

<link-management>—LMP options.

<mld>—MLD options.

<mld-host>—MLD host options.

<mpls>—Multiprotocol Label Switching options.

<msdp>—MSDP configuration.

<mstp>—Multiple Spanning Tree Protocol options.

<neighbor-discovery>—No documentation is available yet.

<oam>—Operation, Administration, and Management configuration.

<ospf>—OSPF configuration.

<ospf3>—OSPFv3 configuration.

<pgm>—PGM options.

<pim>—PIM configuration.

<ppp>—Configure PPP process.

<protection-group>—Protection group.

<rip>—RIP options.

<ripng>—RIPng options.

<router-advertisement>—IPv6 router advertisement options.

<router-discovery>—ICMP router discovery options.

<rstp>—Rapid Spanning Tree Protocol options.

<rsvp>—RSVP options.

<sap>—Session Advertisement Protocol options.

<vrrp>—VRRP options.

<vstp>—VLAN Spanning Tree Protocol options.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <tcc>
              <protocols>
                <name>name</name>    <!-- identifier -->
              </protocols>
            </tcc>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Protocols supported on TCC interface.

Contents <name>—Protocols supported on TCC interface.

- inet—IP version 4.
- iso—International Organization for Standardization.
- mpls—Multiprotocol Label Switching.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>...</bgp>
 <ospf>...</ospf>
 <ospf3>...</ospf3>
 <rip>...</rip>
 <ripng>...</ripng>
 <isis>...</isis>
 <esis>...</esis>
 <l2vpn>...</l2vpn>
 <vpls>...</vpls>
 <pim>...</pim>
 <ldp>...</ldp>
 <router-discovery>...</router-discovery>
 <msdp>...</msdp>
 <mvpn>...</mvpn>
 <igmp-snooping>...</igmp-snooping>
 <rstp>...</rstp>
 <mstp>...</mstp>
 <vstp>...</vstp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing protocol configuration.

Contents <bgp>—BGP options.

<esis>—ES-IS configuration.

<igmp-snooping>—IGMP snooping configuration.

<isis>—IS-IS configuration.

<l2vpn>—Layer 2 VPN configuration.

<ldp>—LDP configuration.

<msdp>—MSDP configuration.

<mstp>—MSTP configuration.

<mvpn>—BGP-MVPN configuration.

<ospf>—OSPF configuration.

<ospf3>—OSPF3 configuration.

<pim>—PIM configuration.

<rip>—RIP options.

<ripng>—RIPng options.

<router-discovery>—ICMP router discovery options.

<rstp>—RSTP configuration.

<vpls>—VPLS configuration.

<vstp>—VSTP configuration.

<protocols> (configuration/logical-systems/routing-instances/ instance/bridge-domains/domain)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>...</igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description No documentation is available yet.

Contents <igmp-snooping>—IGMP Snooping Configuration.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>...</bgp>
 <ospf>...</ospf>
 <ospf3>...</ospf3>
 <rip>...</rip>
 <ripng>...</ripng>
 <isis>...</isis>
 <esis>...</esis>
 <l2vpn>...</l2vpn>
 <vpls>...</vpls>
 <pim>...</pim>
 <ldp>...</ldp>
 <router-discovery>...</router-discovery>
 <msdp>...</msdp>
 <mvpn>...</mvpn>
 <igmp-snooping>...</igmp-snooping>
 <rstp>...</rstp>
 <mstp>...</mstp>
 <vstp>...</vstp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing protocol configuration.

Contents <bgp>—BGP options.

<esis>—ES-IS configuration.

<igmp-snooping>—IGMP snooping configuration.

<isis>—IS-IS configuration.

<l2vpn>—Layer 2 VPN configuration.

<ldp>—LDP configuration.

<msdp>—MSDP configuration.

<mstp>—MSTP configuration.

<mvpn>—BGP-MVPN configuration.

<ospf>—OSPF configuration.

<ospf3>—OSPF3 configuration.

<pim>—PIM configuration.

<rip>—RIP options.

<ripng>—RIPng options.

<router-discovery>—ICMP router discovery options.

<rstp>—RSTP configuration.

<vpls>—VPLS configuration.

<vstp>—VSTP configuration.

<protocols> (configuration/routing-instances/instance/ bridge-domains/domain)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>...</igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description No documentation is available yet.

Contents <igmp-snooping>—IGMP Snooping Configuration.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <rsvp-te>...</rsvp-te>
 <pim-asm>...</pim-asm>
 <pim-ssm>...</pim-ssm>
 <selective>...</selective>
 <mdt>...</mdt>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Provider tunnel configuration.

Contents <mdt>—Data MDT tunnels for PIM MVPN.

 <pim-asm>—PIM-SM provider tunnel.

 <pim-ssm>—PIM-SSM provider tunnel.

 <rsvp-te>—RSVP-TE point-to-multipoint LSP for flooding.

 <selective>—Selective tunnels.

<provider-tunnel> (configuration/routing-instances/instance)

Usage	<pre> <configuration> <routing-instances> <instance> <provider-tunnel> <rsvp-te>...</rsvp-te> <pim-asm>...</pim-asm> <pim-ssm>...</pim-ssm> <selective>...</selective> <mdt>...</mdt> </provider-tunnel> </instance> </routing-instances> </configuration> </pre>
Description	Provider tunnel configuration.
Contents	<p><mdt>—Data MDT tunnels for PIM MVPN.</p> <p><pim-asm>—PIM-SM provider tunnel.</p> <p><pim-ssm>—PIM-SSM provider tunnel.</p> <p><rsvp-te>—RSVP-TE point-to-multipoint LSP for flooding.</p> <p><selective>—Selective tunnels.</p>

<providers> (configuration/system/extensions)

Usage	<pre> <configuration> <system> <extensions> <providers> <name>name</name> <!-- identifier --> </providers> </extensions> </system> </configuration> </pre>
Description	No documentation is available yet.
Contents	<name>—No documentation is available yet.

<proxy> (configuration/bridge-domains/domain/protocols/igmp-snooping)

Usage <configuration>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/bridge-domains/domain/protocols/igmp-snooping/vlan)

Usage <configuration>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <vlan>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </vlan>
 </igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <proxy>
 <inet-address>*inet-address*</inet-address>
 </proxy>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description No documentation is available yet.

Contents <inet-address>—Remote host address on non-Ethernet side of Ethernet TCC.

<proxy> (configuration/interfaces/interface/unit/family/tcc)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <proxy>
 <inet-address>*inet-address*</inet-address>
 </proxy>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description No documentation is available yet.

Contents <inet-address>—Remote host address on non-Ethernet side of Ethernet TCC.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <proxy>
 <inet-address>*inet-address*</inet-address>
 </proxy>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
</configuration>

Description No documentation is available yet.

Contents <inet-address>—Remote host address on non-Ethernet side of Ethernet TCC.

<proxy> (configuration/logical-systems/routing-instances/instance/bridge-domains/domain/protocols/igmp-snooping)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <proxy>
 <source-address>*source-address*</source-address>
 </proxy>
 </igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/logical-systems/routing-instances/instance/bridge-domains/domain/protocols/igmp-snooping/vlan)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <vlan>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </vlan>
</igmp-snooping>
</protocols>
</domain>
</bridge-domains>
</instance>
</routing-instances>
</logical-systems>
</configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/logical-systems/routing-instances/instance/protocols/igmp-snooping)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <igmp-snooping>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </igmp-snooping>
</protocols>
</instance>
</routing-instances>
</logical-systems>
</configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/logical-systems/routing-instances/instance/protocols/igmp-snooping/vlan)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <igmp-snooping>
 <vlan>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </vlan>
 </igmp-snooping>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/routing-instances/instance/bridge-domains/domain/protocols/igmp-snooping)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
</configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/routing-instances/instance/bridge-domains/domain/protocols/igmp-snooping/vlan)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <protocols>
 <igmp-snooping>
 <vlan>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </vlan>
 </igmp-snooping>
 </protocols>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

<proxy> (configuration/routing-instances/instance/protocols/igmp-snooping)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <igmp-snooping>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </igmp-snooping>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

**<proxy> (configuration/routing-instances/instance/protocols/
igmp-snooping/vlan)**

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <igmp-snooping>
 <vlan>
 <proxy>
 <source-address>source-address</source-address>
 </proxy>
 </vlan>
 </igmp-snooping>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Enable proxy mode.

Contents <source-address>—Source IP address to use for proxy.

