

Chapter 21

Tag Elements Beginning with U

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

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



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

<udp> (configuration/services/rpm/probe-server)

Usage	<pre><configuration> <services> <rpm> <probe-server> <udp> <port>port</port> <!-- mandatory --> <destination-interface>destination-interface</destination-interface> </udp> </probe-server> </rpm> </services> </configuration></pre>
Description	UDP probe server.
Contents	<p><destination-interface>—Name of output interface for probes.</p> <p><port>—Port number 7, 49160 through 65535.</p>

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

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

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

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

<unescape-conversion> (configuration/services/ggsn/service-set/service-identification)

Usage <configuration>
 <services>
 <ggsn>
 <service-set>
 <service-identification>
 <unescape-conversion>
 <http/>
 <wsp/>
 <rtsp/>
 <sip/>
 </unescape-conversion>
 </service-identification>
 </service-set>
 </ggsn>
 </services>
 </configuration>

Description Unescape characters in URI before processing.

Contents <http>—HTTP requests.
 <rtsp>—RTSP requests.
 <sip>—SIP requests.
 <wsp>—WSP requests.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

<unicast> (configuration/logical-systems/protocols/bgp/family/iso-vpn)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

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

 <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

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 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

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

 <rib-group>—Routing table group.

<unicast> (configuration/logical-systems/protocols/bgp/group/family/iso-vpn)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <topology>...</topology>
                </unicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <topology>...</topology>
                </unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

<unicast> (configuration/logical-systems/protocols/bgp/group/neighbor/family/iso-vpn)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <iso-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </iso-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </inet6-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <topology>...</topology>
                  </unicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.
- <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

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Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <topology>...</topology>
                  </unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.
- <topology>—Multi topology routing tables.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

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 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <iso-vpn>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                  </unicast>
                </iso-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Include unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.
 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <unicast>
                      <prefix-limit>...</prefix-limit>
                      <accepted-prefix-limit>...</accepted-prefix-limit>
                      <rib-group>...</rib-group>
                      <aggregate-label>...</aggregate-label>
                    </unicast>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Include unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.
 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6-vpn>
                    <unicast>
                      <prefix-limit>...</prefix-limit>
                      <accepted-prefix-limit>...</accepted-prefix-limit>
                      <rib-group>...</rib-group>
                      <aggregate-label>...</aggregate-label>
                    </unicast>
                  </inet6-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Include unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

**<unicast> (configuration/logical-systems/routing-instances/
instance/protocols/mvpn/route-target/import-target)**

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <mvpn>
 <route-target>
 <import-target>
 <unicast>
 <receiver/>
 <sender/>
 </unicast>
 </import-target>
 </route-target>
 </mvpn>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Use the same target community as configured for unicast.

Contents <receiver>—Target community used when importing receiver site routes.
 <sender>—Target community used when importing sender site routes.

<unicast> (configuration/logical-systems/routing-instances/instance/routing-options/auto-export/family/inet)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <inet>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/logical-systems/routing-instances/instance/routing-options/auto-export/family/inet6)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <inet6>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet6>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/logical-systems/routing-instances/instance/routing-options/auto-export/family/iso)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <iso>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </iso>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/logical-systems/routing-options/auto-export/family/inet)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <auto-export>
 <family>
 <inet>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet>
 </family>
 </auto-export>
 </routing-options>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

<rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/logical-systems/routing-options/auto-export/family/inet6)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <auto-export>
 <family>
 <inet6>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet6>
 </family>
 </auto-export>
 </routing-options>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

<rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/logical-systems/routing-options/ auto-export/family/iso)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <auto-export>
 <family>
 <iso>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </iso>
 </family>
 </auto-export>
 </routing-options>
 </logical-systems>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

<unicast> (configuration/protocols/bgp/family/iso-vpn)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

<unicast> (configuration/protocols/bgp/group/family/iso-vpn)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
 <prefix-limit>—Limit maximum number of prefixes from a peer.
 <rib-group>—Routing table group.

<unicast> (configuration/protocols/bgp/group/neighbor/family/iso-vpn)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet-vpn>
              <unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
              </unicast>
            </inet-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <topology>...</topology>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Include unicast NLRI.

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

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

 <rib-group>—Routing table group.

 <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6-vpn>
              <unicast>
                <prefix-limit>...</prefix-limit>
                <accepted-prefix-limit>...</accepted-prefix-limit>
                <rib-group>...</rib-group>
                <aggregate-label>...</aggregate-label>
              </unicast>
            </inet6-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

<unicast> (configuration/routing-instances/instance/protocols/bgp/family/iso-vpn)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <topology>...</topology>
                </unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <rib-group>...</rib-group>
 <aggregate-label>...</aggregate-label>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Include unicast NLRI.

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

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

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

 <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <topology>...</topology>
                </unicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

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

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

<rib-group>—Routing table group.

<topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </inet6-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

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

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

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

<rib-group>—Routing table group.

<unicast> (configuration/routing-instances/instance/protocols/ bgp/group/family/iso-vpn)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <iso-vpn>
                <unicast>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <rib-group>...</rib-group>
                  <aggregate-label>...</aggregate-label>
                </unicast>
              </iso-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <topology>...</topology>
                  </unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.
- <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                  </unicast>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <topology>...</topology>
                  </unicast>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.
- <topology>—Multi topology routing tables.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-vpn>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                  </unicast>
                </inet6-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <iso-vpn>
                  <unicast>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <rib-group>...</rib-group>
                    <aggregate-label>...</aggregate-label>
                  </unicast>
                </iso-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Include unicast NLRI.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <aggregate-label>—Aggregate labels of incoming routes with the same FEC.
- <prefix-limit>—Limit maximum number of prefixes from a peer.
- <rib-group>—Routing table group.

<unicast> (configuration/routing-instances/instance/protocols/mvpn/route-target/import-target)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <mvpn>
 <route-target>
 <import-target>
 <unicast>
 <receiver/>
 <sender/>
 </unicast>
 </import-target>
 </route-target>
 </mvpn>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Use the same target community as configured for unicast.

Contents <receiver>—Target community used when importing receiver site routes.

 <sender>—Target community used when importing sender site routes.

<unicast> (configuration/routing-instances/instance/ routing-options/auto-export/family/inet)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <inet>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/routing-instances/instance/routing-options/auto-export/family/inet6)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <inet6>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet6>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/routing-instances/instance/routing-options/auto-export/family/iso)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <auto-export>
 <family>
 <iso>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </iso>
 </family>
 </auto-export>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

<rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/routing-options/auto-export/family/inet)

Usage <configuration>
 <routing-options>
 <auto-export>
 <family>
 <inet>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet>
 </family>
 </auto-export>
 </routing-options>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.

<rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/routing-options/auto-export/family/inet6)

Usage <configuration>
 <routing-options>
 <auto-export>
 <family>
 <inet6>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </inet6>
 </family>
 </auto-export>
 </routing-options>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.
 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

<unicast> (configuration/routing-options/auto-export/family/iso)

Usage <configuration>
 <routing-options>
 <auto-export>
 <family>
 <iso>
 <unicast>
 <disable/>
 <rib-group>*rib-group*</rib-group>
 </unicast>
 </iso>
 </family>
 </auto-export>
 </routing-options>
 </configuration>

Description Unicast routing information.

Contents <disable>—Disable instance export.
 <rib-group>—Auxiliary rib-group of additional RIBs to consider.

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

Usage <configuration>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <name>*name*</name> <!-- identifier -->
 <forwarding-class>*forwarding-class*</forwarding-class>
 <virtual-channel-group>*virtual-channel-group*</virtual-channel-group>
 <scheduler-map>*scheduler-map*</scheduler-map>
 <input-scheduler-map>*input-scheduler-map*</input-scheduler-map>
 <fragmentation-map>*fragmentation-map*</fragmentation-map>
 <adaptive-shaper>*adaptive-shaper*</adaptive-shaper>
 <shaping-rate>...</shaping-rate>
 <input-shaping-rate>...</input-shaping-rate>
 <input-traffic-control-profile>...</input-traffic-control-profile>
 <output-traffic-control-profile>...</output-traffic-control-profile>
 <classifiers>...</classifiers>
 <loss-priority-maps>...</loss-priority-maps>
 <rewrite-rules>...</rewrite-rules>
 <translation-table>...</translation-table>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </configuration>

Description Logical interface unit (or wildcard).

Contents <adaptive-shaper>—Adaptive shaper applied to this logical interface.

<classifiers>—Classifiers applied to incoming packets.

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

<fragmentation-map>—Fragmentation map applied to this logical interface.

<input-scheduler-map>—Input scheduler map.

<input-shaping-rate>—Input shaping rate.

<input-traffic-control-profile>—Input traffic control profile.

<loss-priority-maps>—Loss priority maps applied to incoming packets.

<name>—Logical unit number.

<output-traffic-control-profile>—Output traffic control profile.

<rewrite-rules>—Rewrite rules applied to outgoing packets.

<scheduler-map>—Output scheduler map.

<shaping-rate>—Output shaping rate.

<translation-table>—Translation tables applied to incoming packets.

<virtual-channel-group>—Virtual channel group applied to this logical interface.

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

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <interfaces>
 <interface>
 <unit>
 <name>name</name> <!-- identifier -->
 <forwarding-class>forwarding-class</forwarding-class>
 <virtual-channel-group>virtual-channel-group</virtual-channel-group>
 <scheduler-map>scheduler-map</scheduler-map>
 <input-scheduler-map>input-scheduler-map</input-scheduler-map>
 <fragmentation-map>fragmentation-map</fragmentation-map>
 <adaptive-shaper>adaptive-shaper</adaptive-shaper>
 <shaping-rate>...</shaping-rate>
 <input-shaping-rate>...</input-shaping-rate>
 <input-traffic-control-profile>...</input-traffic-control-profile>
 <output-traffic-control-profile>...</output-traffic-control-profile>
 <classifiers>...</classifiers>
 <loss-priority-maps>...</loss-priority-maps>
 <rewrite-rules>...</rewrite-rules>
 <translation-table>...</translation-table>
 </unit>
 </interface>
 </interfaces>
 </class-of-service>
 </dynamic-profiles>
</configuration>

Description Logical interface unit (or wildcard).

Contents <adaptive-shaper>—Adaptive shaper applied to this logical interface.

<classifiers>—Classifiers applied to incoming packets.

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

<fragmentation-map>—Fragmentation map applied to this logical interface.

<input-scheduler-map>—Input scheduler map.

<input-shaping-rate>—Input shaping rate.

<input-traffic-control-profile>—Input traffic control profile.

<loss-priority-maps>—Loss priority maps applied to incoming packets.

<name>—Logical unit number.

<output-traffic-control-profile>—Output traffic control profile.

<rewrite-rules>—Rewrite rules applied to outgoing packets.

<scheduler-map>—Output scheduler map.

<shaping-rate>—Output shaping rate.

<translation-table>—Translation tables applied to incoming packets.

<virtual-channel-group>—Virtual channel group applied to this logical interface.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <name>*name*</name> <!-- identifier -->
 <peer-interface>...</peer-interface>
 <uplink-shared-with>...</uplink-shared-with>
 <disable/>
 <passive-monitor-mode/>
 <per-session-scheduler/>
 <clear-dont-fragment-bit/>
 <reassemble-packets/>
 <rpm>...</rpm>
 <description>*description*</description>
 <dial-options>...</dial-options>
 <demux-source>...</demux-source>
 <demux-destination>...</demux-destination>
 <encapsulation>*encapsulation-choice*</encapsulation>
 <mtu>*mtu*</mtu>
 <point-to-point/>
 <multipoint/>
 <bandwidth>*bandwidth*</bandwidth>
 <traps/>
 <proxy-arp/>
 <vlan-id>*vlan-id*</vlan-id>
 <vlan-id-range>*vlan-id-range*</vlan-id-range>
 <vlan-tags>...</vlan-tags>
 <native-inner-vlan-id>*native-inner-vlan-id*</native-inner-vlan-id>
 <inner-vlan-id-range>...</inner-vlan-id-range>
 <accept-source-mac>...</accept-source-mac>
 <input-vlan-map>...</input-vlan-map>
 <output-vlan-map>...</output-vlan-map>
 <receive-lsp>*receive-lsp*</receive-lsp>
 <transmit-lsp>*transmit-lsp*</transmit-lsp>
 <dlci>*dlci*</dlci>
 <multicast-dlci>*multicast-dlci*</multicast-dlci>
 <vci>*vci*</vci>
 <allow-any-vci/>
 <vpi>*vpi*</vpi>
 <trunk-id>*trunk-id*</trunk-id>
 <vci-range>...</vci-range>
 <trunk-bandwidth>*bits per second*</trunk-bandwidth>
 <multicast-vci>*multicast-vci*</multicast-vci>
 <shaping>...</shaping>
 <oam-period>...</oam-period>
 <oam-liveness>...</oam-liveness>
 <ppp-options>...</ppp-options>
 <pppoe-options>...</pppoe-options>
 <demux-options>...</demux-options>
 <keepalives>...</keepalives>
 <no-keepalives/>

```

<inverse-arp/>
<transmit-weight>transmit-weight</transmit-weight>
<epd-threshold>...</epd-threshold>
<cell-bundle-size>cells</cell-bundle-size>
<plp-to-clp/>
<atm-scheduler-map>atm-scheduler-map</atm-scheduler-map>
<mrru>bytes</mrru>
<short-sequence/>
<fragment-threshold>bytes</fragment-threshold>
<drop-timeout>milliseconds</drop-timeout>
<disable-mlppp-inner-ppp-pfc/>
<minimum-links>minimum-links</minimum-links>
<multilink-max-classes>multilink-max-classes</multilink-max-classes>
<compression>...</compression>
<interleave-fragments/>
<link-layer-overhead>link-layer-overhead</link-layer-overhead>
<accounting-profile>accounting-profile</accounting-profile>
<peer-unit>peer-unit</peer-unit>
<tunnel>...</tunnel>
<compression-device>compression-device</compression-device>
<layer2-policer>...</layer2-policer>
<filter>...</filter>
<family>...</family>
<service-domain>service-domain-choice</service-domain>
<copy-tos-to-outer-ip-header/>
</unit>
</interface>
</interfaces>
</dynamic-profiles>
</configuration>

```

Description Logical interface.

Contents <accept-source-mac>—Remote media access control address to/from which to accept traffic.

<accounting-profile>—Accounting profile name.

<allow-any-vci>—Allow all VCIs to open in atm-ccc-cell-relay mode.

<atm-scheduler-map>—Assign ATM2 CoS scheduling map.

<bandwidth>—Logical unit bandwidth (informational only).

<cell-bundle-size>—L2 circuit cell bundle size.

<clear-dont-fragment-bit>—Clear DF bit in packet (AS PIC and J-series only).

<compression>—Various packet header compressions.

<compression-device>—Logical interface used for compression.

<copy-tos-to-outer-ip-header>—Copy IP payload header's ToS field to GRE delivery header.

<demux-destination>—Demux based on destination address.

<demux-options>—IP demux interface-specific options.

<demux-source>—Demux based on source address.

<description>—Text description of interface.

<dial-options>—Dial options.

<disable>—Disable this logical interface.

<disable-mlppp-inner-ppp-pfc>—Disable compression for inner PPP header in MLPPP payload.

<dli>—Frame Relay data-link control identifier.

<drop-timeout>—Drop timeout.

<encapsulation>—Logical link-layer encapsulation.

- atm-ccc-cell-relay—ATM cell relay for CCC.
- atm-ccc-vc-mux—ATM VC for CCC.
- atm-cisco-nlpid—Cisco-compatible ATM NLPID encapsulation.
- atm-mlppp-llc—ATM MLPPP over AAL5/LLC.
- atm-nlpid—ATM NLPID encapsulation.
- atm-ppp-llc—ATM PPP over AAL5/LLC.
- atm-ppp-vc-mux—ATM PPP over raw AAL5.
- atm-snap—ATM LLC/SNAP encapsulation.
- atm-tcc-snap—ATM LLC/SNAP for translational cross-connect.
- atm-tcc-vc-mux—ATM VC for translational cross-connect.
- atm-vc-mux—ATM VC multiplexing.
- dix—Ethernet DIXv2 (RFC 894).
- ether-over-atm-llc—Ethernet over ATM (LLC/SNAP) encapsulation.
- ether-vpls-over-atm-llc—Ethernet VPLS over ATM (bridging) encapsulation.
- ethernet—Ethernet II (RFC 894).
- ethernet-bridge—Ethernet II bridging.
- ethernet-ccc—Ethernet for a cross-connect.
- ethernet-vpls—Ethernet II virtual private LAN service.

- `frame-relay`—Frame Relay DLCI.
- `frame-relay-ccc`—Frame Relay DLCI for CCC.
- `frame-relay-ether-type`—Cisco-compatible Frame Relay Encapsulation DLCI.
- `frame-relay-ether-type-tcc`—Cisco-compatible Frame Relay Encapsulation DLCI for TCC.
- `frame-relay-ppp`—PPP over Frame Relay.
- `frame-relay-tcc`—Frame Relay DLCI for translational cross-connect.
- `multilink-frame-relay-end-to-end`—Multilink Frame Relay end-to-end (FRF.15).
- `multilink-ppp`—Multilink PPP.
- `ppp-ccc`—Serial PPP device for a cross-connect.
- `ppp-over-ether`—PPPoE encapsulation.
- `ppp-over-ether-over-atm-llc`—PPPoE over ATM (LLC/SNAP) encapsulation.
- `vlan`—802.1q-tagged Ethernet.
- `vlan-bridge`—VLAN layer-2 bridging.
- `vlan-ccc`—802.1q tagging for a cross-connect.
- `vlan-tcc`—802.1q tagging for a translational cross-connect.
- `vlan-vci-ccc`—CCC for VLAN Q-in-Q and ATM VPI/VCI interworking.
- `vlan-vpls`—VLAN virtual private LAN service.

`<epd-threshold>`—Early packet discard threshold for ATM2.

`<family>`—Protocol family.

`<filter>`—Filters to apply to all families configured under this logical interface.

`<fragment-threshold>`—Fragmentation threshold.

`<inner-vlan-id-range>`—Inner vlan-id range start `<start-vlan-id>` end `<end-vlan-id>`.

`<input-vlan-map>`—VLAN map operation on input.

`<interleave-fragments>`—Interleave long packets with high priority ones.

`<inverse-arp>`—Enable inverse ARP.

`<keepalives>`—Send or demand keepalive messages.

`<layer2-policer>`—Layer2 policing for logical interface.

- <link-layer-overhead>—Link layer bit stuffing overhead (0.0 .. 50.0 percent).
- <minimum-links>—Minimum number of links to sustain the bundle.
- <mrru>—Maximum received reconstructed unit.
- <mtu>—Maximum transmission unit packet size.
- <multicast-dlci>—Frame Relay data-link control identifier for multicast packets.
- <multicast-vci>—ATM virtual circuit identifier for multicast packets.
- <multilink-max-classes>—Number of multilink classes.
- <multipoint>—Multipoint connection.
- <name>—Logical unit number.
- <native-inner-vlan-id>—Native virtual LAN identifier for singly tagged frames.
- <no-keepalives>—Do not send or demand keepalive messages.
- <oam-liveness>—OAM virtual circuit liveness parameters.
- <oam-period>—OAM cell period.
- <output-vlan-map>—VLAN map operation on output.
- <passive-monitor-mode>—Use interface to tap packets from another router.
- <peer-interface>—Peer interface.
- <peer-unit>—Peer unit number.
- <per-session-scheduler>—Enable per-session queuing on an IQ2 interface.
- <plp-to-clp>—Enable ATM2 PLP to CLP copy.
- <point-to-point>—Point-to-point connection.
- <ppp-options>—Point-to-Point Protocol interface-specific options.
- <pppoe-options>—PPP over Ethernet interface-specific options.
- <proxy-arp>—Enable unrestricted proxy ARP on the interface.
- <reassemble-packets>—Do reassembly of fragmented tunnel packets (AS PIC only).
- <receive-lsp>—Name of incoming label-switched path.
- <rpm>—Enable RPM service on this interface.
- <service-domain>—Service domain to which interface belongs.
- inside—Inside network.

- outside—Outside network.
- <shaping>—Virtual circuit traffic-shaping options.
- <short-sequence>—Short sequence number header format (MLPPP only).
- <transmit-lsp>—Name of outgoing label-switched path.
- <transmit-weight>—ATM2 transmit weight for VC under VP tunnel.
- <traps>—Enable SNMP notifications on state changes.
- <trunk-bandwidth>—ATM trunk bandwidth.
- <trunk-id>—ATM trunk identifier.
- <tunnel>—Tunnel parameters.
- <uplink-shared-with>—Specify which PSD owns this logical interface.
- <vci>—ATM point-to-point virtual circuit identifier ([vpi.]vci).
- <vci-range>—ATM VCI range start <start-vci> end <end-vci> .
- <vlan-id>—Virtual LAN identifier value for 802.1q VLAN tags.
- <vlan-id-range>—Virtual LAN identifier range of form vid1-vid2.
- <vlan-tags>—IEEE 802.1q tags.
- <vpi>—ATM point-to-point virtual path identifier (vpi).

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface-set>
 <interface>
 <unit>
 <name>*name*</name> <!-- identifier -->
 </unit>
 </interface>
 </interface-set>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description One or more logical interface unit numbers.

Contents <name>—Unit number.

<unit> (configuration/interfaces/interface)

```

Usage  <configuration>
      <interfaces>
      <interface>
      <unit>
        <name>name</name>    <!-- identifier -->
        <peer-interface>...</peer-interface>
        <uplink-shared-with>...</uplink-shared-with>
        <disable/>
        <passive-monitor-mode/>
        <per-session-scheduler/>
        <clear-dont-fragment-bit/>
        <reassemble-packets/>
        <rpm>...</rpm>
        <description>description</description>
        <dial-options>...</dial-options>
        <demux-source>...</demux-source>
        <demux-destination>...</demux-destination>
        <encapsulation>encapsulation-choice</encapsulation>
        <mtu>mtu</mtu>
        <point-to-point/>
        <multipoint/>
        <bandwidth>bandwidth</bandwidth>
        <traps/>
        <proxy-arp/>
        <vlan-id>vlan-id</vlan-id>
        <vlan-id-range>vlan-id-range</vlan-id-range>
        <vlan-tags>...</vlan-tags>
        <native-inner-vlan-id>native-inner-vlan-id</native-inner-vlan-id>
        <inner-vlan-id-range>...</inner-vlan-id-range>
        <accept-source-mac>...</accept-source-mac>
        <input-vlan-map>...</input-vlan-map>
        <output-vlan-map>...</output-vlan-map>
        <receive-lsp>receive-lsp</receive-lsp>
        <transmit-lsp>transmit-lsp</transmit-lsp>
        <dlsi>dlsi</dlsi>
        <multicast-dlsi>multicast-dlsi</multicast-dlsi>
        <vci>vci</vci>
        <allow-any-vci/>
        <vpi>vpi</vpi>
        <trunk-id>trunk-id</trunk-id>
        <vci-range>...</vci-range>
        <trunk-bandwidth>bits per second</trunk-bandwidth>
        <multicast-vci>multicast-vci</multicast-vci>
        <shaping>...</shaping>
        <oam-period>...</oam-period>
        <oam-liveness>...</oam-liveness>
        <ppp-options>...</ppp-options>
        <pppoe-options>...</pppoe-options>
        <demux-options>...</demux-options>
        <keepalives>...</keepalives>
        <no-keepalives/>
        <inverse-arp/>

```

```

    <transmit-weight>transmit-weight</transmit-weight>
    <epd-threshold>...</epd-threshold>
    <cell-bundle-size>cells</cell-bundle-size>
    <plp-to-clp/>
    <atm-scheduler-map>atm-scheduler-map</atm-scheduler-map>
    <mrru>bytes</mrru>
    <short-sequence/>
    <fragment-threshold>bytes</fragment-threshold>
    <drop-timeout>milliseconds</drop-timeout>
    <disable-mlppp-inner-ppp-pfc/>
    <minimum-links>minimum-links</minimum-links>
    <multilink-max-classes>multilink-max-classes</multilink-max-classes>
    <compression>...</compression>
    <interleave-fragments/>
    <link-layer-overhead>link-layer-overhead</link-layer-overhead>
    <accounting-profile>accounting-profile</accounting-profile>
    <peer-unit>peer-unit</peer-unit>
    <tunnel>...</tunnel>
    <compression-device>compression-device</compression-device>
    <layer2-policer>...</layer2-policer>
    <filter>...</filter>
    <family>...</family>
    <service-domain>service-domain-choice</service-domain>
    <copy-tos-to-outer-ip-header/>
  </unit>
</interface>
</interfaces>
</configuration>

```

Description Logical interface.

Contents <accept-source-mac>—Remote media access control address to/from which to accept traffic.

<accounting-profile>—Accounting profile name.

<allow-any-vci>—Allow all VCIs to open in atm-ccc-cell-relay mode.

<atm-scheduler-map>—Assign ATM2 CoS scheduling map.

<bandwidth>—Logical unit bandwidth (informational only).

<cell-bundle-size>—L2 circuit cell bundle size.

<clear-dont-fragment-bit>—Clear DF bit in packet (AS PIC and J-series only).

<compression>—Various packet header compressions.

<compression-device>—Logical interface used for compression.

<copy-tos-to-outer-ip-header>—Copy IP payload header's ToS field to GRE delivery header.

<demux-destination>—Demux based on destination address.

<demux-options>—IP demux interface-specific options.

<demux-source>—Demux based on source address.

<description>—Text description of interface.

<dial-options>—Dial options.

<disable>—Disable this logical interface.

<disable-mlppp-inner-ppp-pfc>—Disable compression for inner PPP header in MLPPP payload.

<dli>—Frame Relay data-link control identifier.

<drop-timeout>—Drop timeout.

<encapsulation>—Logical link-layer encapsulation.

- atm-ccc-cell-relay—ATM cell relay for CCC.
- atm-ccc-vc-mux—ATM VC for CCC.
- atm-cisco-nlpid—Cisco-compatible ATM NLPID encapsulation.
- atm-mlppp-llc—ATM MLPPP over AAL5/LLC.
- atm-nlpid—ATM NLPID encapsulation.
- atm-ppp-llc—ATM PPP over AAL5/LLC.
- atm-ppp-vc-mux—ATM PPP over raw AAL5.
- atm-snap—ATM LLC/SNAP encapsulation.
- atm-tcc-snap—ATM LLC/SNAP for translational cross-connect.
- atm-tcc-vc-mux—ATM VC for translational cross-connect.
- atm-vc-mux—ATM VC multiplexing.
- dix—Ethernet DIXv2 (RFC 894).
- ether-over-atm-llc—Ethernet over ATM (LLC/SNAP) encapsulation.
- ether-vpls-over-atm-llc—Ethernet VPLS over ATM (bridging) encapsulation.
- ethernet—Ethernet II (RFC 894).
- ethernet-bridge—Ethernet II bridging.
- ethernet-ccc—Ethernet for a cross-connect.
- ethernet-vpls—Ethernet II virtual private LAN service.
- frame-relay—Frame Relay DLCI.

- `frame-relay-ccc`—Frame Relay DLCI for CCC.
- `frame-relay-ether-type`—Cisco-compatible Frame Relay Encapsulation DLCI.
- `frame-relay-ether-type-tcc`—Cisco-compatible Frame Relay Encapsulation DLCI for TCC.
- `frame-relay-ppp`—PPP over Frame Relay.
- `frame-relay-tcc`—Frame Relay DLCI for translational cross-connect.
- `multilink-frame-relay-end-to-end`—Multilink Frame Relay end-to-end (FRF.15).
- `multilink-ppp`—Multilink PPP.
- `ppp-ccc`—Serial PPP device for a cross-connect.
- `ppp-over-ether`—PPPoE encapsulation.
- `ppp-over-ether-over-atm-llc`—PPPoE over ATM (LLC/SNAP) encapsulation.
- `vlan`—802.1q-tagged Ethernet.
- `vlan-bridge`—VLAN layer-2 bridging.
- `vlan-ccc`—802.1q tagging for a cross-connect.
- `vlan-tcc`—802.1q tagging for a translational cross-connect.
- `vlan-vci-ccc`—CCC for VLAN Q-in-Q and ATM VPI/VCI interworking.
- `vlan-vpls`—VLAN virtual private LAN service.

`<epd-threshold>`—Early packet discard threshold for ATM2.

`<family>`—Protocol family.

`<filter>`—Filters to apply to all families configured under this logical interface.

`<fragment-threshold>`—Fragmentation threshold.

`<inner-vlan-id-range>`—Inner vlan-id range start `<start-vlan-id>` end `<end-vlan-id>`.

`<input-vlan-map>`—VLAN map operation on input.

`<interleave-fragments>`—Interleave long packets with high priority ones.

`<inverse-arp>`—Enable inverse ARP.

`<keepalives>`—Send or demand keepalive messages.

`<layer2-policer>`—Layer2 policing for logical interface.

`<link-layer-overhead>`—Link layer bit stuffing overhead (0.0 .. 50.0 percent).

- <minimum-links>—Minimum number of links to sustain the bundle.
- <mrru>—Maximum received reconstructed unit.
- <mtu>—Maximum transmission unit packet size.
- <multicast-dlci>—Frame Relay data-link control identifier for multicast packets.
- <multicast-vci>—ATM virtual circuit identifier for multicast packets.
- <multilink-max-classes>—Number of multilink classes.
- <multipoint>—Multipoint connection.
- <name>—Logical unit number.
- <native-inner-vlan-id>—Native virtual LAN identifier for singly tagged frames.
- <no-keepalives>—Do not send or demand keepalive messages.
- <oam-liveness>—OAM virtual circuit liveness parameters.
- <oam-period>—OAM cell period.
- <output-vlan-map>—VLAN map operation on output.
- <passive-monitor-mode>—Use interface to tap packets from another router.
- <peer-interface>—Peer interface.
- <peer-unit>—Peer unit number.
- <per-session-scheduler>—Enable per-session queuing on an IQ2 interface.
- <plp-to-clp>—Enable ATM2 PLP to CLP copy.
- <point-to-point>—Point-to-point connection.
- <ppp-options>—Point-to-Point Protocol interface-specific options.
- <pppoe-options>—PPP over Ethernet interface-specific options.
- <proxy-arp>—Enable unrestricted proxy ARP on the interface.
- <reassemble-packets>—Do reassembly of fragmented tunnel packets (AS PIC only).
- <receive-lsp>—Name of incoming label-switched path.
- <rpm>—Enable RPM service on this interface.
- <service-domain>—Service domain to which interface belongs.
- inside—Inside network.
- outside—Outside network.

<shaping>—Virtual circuit traffic-shaping options.

<short-sequence>—Short sequence number header format (MLPPP only).

<transmit-lsp>—Name of outgoing label-switched path.

<transmit-weight>—ATM2 transmit weight for VC under VP tunnel.

<traps>—Enable SNMP notifications on state changes.

<trunk-bandwidth>—ATM trunk bandwidth.

<trunk-id>—ATM trunk identifier.

<tunnel>—Tunnel parameters.

<uplink-shared-with>—Specify which PSD owns this logical interface.

<vci>—ATM point-to-point virtual circuit identifier ([vpi.]vci).

<vci-range>—ATM VCI range start < start-vci > end < end-vci > .

<vlan-id>—Virtual LAN identifier value for 802.1q VLAN tags.

<vlan-id-range>—Virtual LAN identifier range of form vid1-vid2.

<vlan-tags>—IEEE 802.1q tags.

<vpi>—ATM point-to-point virtual path identifier (vpi).

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

Usage

```

<configuration>
  <interfaces>
    <interface-set>
      <interface>
        <unit>
          <name>name</name>    <!-- identifier -->
        </unit>
      </interface>
    </interface-set>
  </interfaces>
</configuration>

```

Description One or more logical interface unit numbers.

Contents <name>—Unit number.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <name>*name*</name> <!-- identifier -->
 <peer-interface>...</peer-interface>
 <uplink-shared-with>...</uplink-shared-with>
 <disable/>
 <passive-monitor-mode/>
 <per-session-scheduler/>
 <clear-dont-fragment-bit/>
 <reassemble-packets/>
 <rpm>...</rpm>
 <description>*description*</description>
 <dial-options>...</dial-options>
 <demux-source>...</demux-source>
 <demux-destination>...</demux-destination>
 <encapsulation>*encapsulation-choice*</encapsulation>
 <mtu>*mtu*</mtu>
 <point-to-point/>
 <multipoint/>
 <bandwidth>*bandwidth*</bandwidth>
 <traps/>
 <proxy-arp/>
 <vlan-id>*vlan-id*</vlan-id>
 <vlan-id-range>*vlan-id-range*</vlan-id-range>
 <vlan-tags>...</vlan-tags>
 <native-inner-vlan-id>*native-inner-vlan-id*</native-inner-vlan-id>
 <inner-vlan-id-range>...</inner-vlan-id-range>
 <accept-source-mac>...</accept-source-mac>
 <input-vlan-map>...</input-vlan-map>
 <output-vlan-map>...</output-vlan-map>
 <receive-lsp>*receive-lsp*</receive-lsp>
 <transmit-lsp>*transmit-lsp*</transmit-lsp>
 <dlci>*dlci*</dlci>
 <multicast-dlci>*multicast-dlci*</multicast-dlci>
 <vci>*vci*</vci>
 <allow-any-vci/>
 <vpi>*vpi*</vpi>
 <trunk-id>*trunk-id*</trunk-id>
 <vci-range>...</vci-range>
 <trunk-bandwidth>*bits per second*</trunk-bandwidth>
 <multicast-vci>*multicast-vci*</multicast-vci>
 <shaping>...</shaping>
 <oam-period>...</oam-period>
 <oam-liveness>...</oam-liveness>
 <ppp-options>...</ppp-options>
 <pppoe-options>...</pppoe-options>
 <demux-options>...</demux-options>
 <keepalives>...</keepalives>
 <no-keepalives/>

```

    <inverse-arp/>
    <transmit-weight>transmit-weight</transmit-weight>
    <epd-threshold>...</epd-threshold>
    <cell-bundle-size>cells</cell-bundle-size>
    <plp-to-clp/>
    <atm-scheduler-map>atm-scheduler-map</atm-scheduler-map>
    <mrru>bytes</mrru>
    <short-sequence/>
    <fragment-threshold>bytes</fragment-threshold>
    <drop-timeout>milliseconds</drop-timeout>
    <disable-mlppp-inner-ppp-pfc/>
    <minimum-links>minimum-links</minimum-links>
    <multilink-max-classes>multilink-max-classes</multilink-max-classes>
    <compression>...</compression>
    <interleave-fragments/>
    <link-layer-overhead>link-layer-overhead</link-layer-overhead>
    <accounting-profile>accounting-profile</accounting-profile>
    <peer-unit>peer-unit</peer-unit>
    <tunnel>...</tunnel>
    <compression-device>compression-device</compression-device>
    <layer2-policer>...</layer2-policer>
    <filter>...</filter>
    <family>...</family>
    <service-domain>service-domain-choice</service-domain>
    <copy-tos-to-outer-ip-header/>
  </unit>
</interface>
</interfaces>
</logical-systems>
</configuration>

```

Description Logical interface.

Contents <accept-source-mac>—Remote media access control address to/from which to accept traffic.

<accounting-profile>—Accounting profile name.

<allow-any-vci>—Allow all VCIs to open in atm-ccc-cell-relay mode.

<atm-scheduler-map>—Assign ATM2 CoS scheduling map.

<bandwidth>—Logical unit bandwidth (informational only).

<cell-bundle-size>—L2 circuit cell bundle size.

<clear-dont-fragment-bit>—Clear DF bit in packet (AS PIC and J-series only).

<compression>—Various packet header compressions.

<compression-device>—Logical interface used for compression.

<copy-tos-to-outer-ip-header>—Copy IP payload header's ToS field to GRE delivery header.

<demux-destination>—Demux based on destination address.

<demux-options>—IP demux interface-specific options.

<demux-source>—Demux based on source address.

<description>—Text description of interface.

<dial-options>—Dial options.

<disable>—Disable this logical interface.

<disable-mlppp-inner-ppp-pfc>—Disable compression for inner PPP header in MLPPP payload.

<dli>—Frame Relay data-link control identifier.

<drop-timeout>—Drop timeout.

<encapsulation>—Logical link-layer encapsulation.

- atm-ccc-cell-relay—ATM cell relay for CCC.
- atm-ccc-vc-mux—ATM VC for CCC.
- atm-cisco-nlpid—Cisco-compatible ATM NLPID encapsulation.
- atm-mlppp-llc—ATM MLPPP over AAL5/LLC.
- atm-nlpid—ATM NLPID encapsulation.
- atm-ppp-llc—ATM PPP over AAL5/LLC.
- atm-ppp-vc-mux—ATM PPP over raw AAL5.
- atm-snap—ATM LLC/SNAP encapsulation.
- atm-tcc-snap—ATM LLC/SNAP for translational cross-connect.
- atm-tcc-vc-mux—ATM VC for translational cross-connect.
- atm-vc-mux—ATM VC multiplexing.
- dix—Ethernet DIXv2 (RFC 894).
- ether-over-atm-llc—Ethernet over ATM (LLC/SNAP) encapsulation.
- ether-vpls-over-atm-llc—Ethernet VPLS over ATM (bridging) encapsulation.
- ethernet—Ethernet II (RFC 894).
- ethernet-bridge—Ethernet II bridging.
- ethernet-ccc—Ethernet for a cross-connect.
- ethernet-vpls—Ethernet II virtual private LAN service.

- **frame-relay**—Frame Relay DLCI.
- **frame-relay-ccc**—Frame Relay DLCI for CCC.
- **frame-relay-ether-type**—Cisco-compatible Frame Relay Encapsulation DLCI.
- **frame-relay-ether-type-tcc**—Cisco-compatible Frame Relay Encapsulation DLCI for TCC.
- **frame-relay-ppp**—PPP over Frame Relay.
- **frame-relay-tcc**—Frame Relay DLCI for translational cross-connect.
- **multilink-frame-relay-end-to-end**—Multilink Frame Relay end-to-end (FRF.15).
- **multilink-ppp**—Multilink PPP.
- **ppp-ccc**—Serial PPP device for a cross-connect.
- **ppp-over-ether**—PPPoE encapsulation.
- **ppp-over-ether-over-atm-llc**—PPPoE over ATM (LLC/SNAP) encapsulation.
- **vlan**—802.1q-tagged Ethernet.
- **vlan-bridge**—VLAN layer-2 bridging.
- **vlan-ccc**—802.1q tagging for a cross-connect.
- **vlan-tcc**—802.1q tagging for a translational cross-connect.
- **vlan-vci-ccc**—CCC for VLAN Q-in-Q and ATM VPI/VCI interworking.
- **vlan-vpls**—VLAN virtual private LAN service.

<epd-threshold>—Early packet discard threshold for ATM2.

<family>—Protocol family.

<filter>—Filters to apply to all families configured under this logical interface.

<fragment-threshold>—Fragmentation threshold.

<inner-vlan-id-range>—Inner vlan-id range start < start-vlan-id > end
< end-vlan-id > .

<input-vlan-map>—VLAN map operation on input.

<interleave-fragments>—Interleave long packets with high priority ones.

<inverse-arp>—Enable inverse ARP.

<keepalives>—Send or demand keepalive messages.

<layer2-policer>—Layer2 policing for logical interface.

- <link-layer-overhead>—Link layer bit stuffing overhead (0.0 .. 50.0 percent).
- <minimum-links>—Minimum number of links to sustain the bundle.
- <mrru>—Maximum received reconstructed unit.
- <mtu>—Maximum transmission unit packet size.
- <multicast-dlci>—Frame Relay data-link control identifier for multicast packets.
- <multicast-vci>—ATM virtual circuit identifier for multicast packets.
- <multilink-max-classes>—Number of multilink classes.
- <multipoint>—Multipoint connection.
- <name>—Logical unit number.
- <native-inner-vlan-id>—Native virtual LAN identifier for singly tagged frames.
- <no-keepalives>—Do not send or demand keepalive messages.
- <oam-liveness>—OAM virtual circuit liveness parameters.
- <oam-period>—OAM cell period.
- <output-vlan-map>—VLAN map operation on output.
- <passive-monitor-mode>—Use interface to tap packets from another router.
- <peer-interface>—Peer interface.
- <peer-unit>—Peer unit number.
- <per-session-scheduler>—Enable per-session queuing on an IQ2 interface.
- <plp-to-clp>—Enable ATM2 PLP to CLP copy.
- <point-to-point>—Point-to-point connection.
- <ppp-options>—Point-to-Point Protocol interface-specific options.
- <pppoe-options>—PPP over Ethernet interface-specific options.
- <proxy-arp>—Enable unrestricted proxy ARP on the interface.
- <reassemble-packets>—Do reassembly of fragmented tunnel packets (AS PIC only).
- <receive-lsp>—Name of incoming label-switched path.
- <rpm>—Enable RPM service on this interface.
- <service-domain>—Service domain to which interface belongs.
- inside—Inside network.

■ outside—Outside network.

<shaping>—Virtual circuit traffic-shaping options.

<short-sequence>—Short sequence number header format (MLPPP only).

<transmit-lsp>—Name of outgoing label-switched path.

<transmit-weight>—ATM2 transmit weight for VC under VP tunnel.

<traps>—Enable SNMP notifications on state changes.

<trunk-bandwidth>—ATM trunk bandwidth.

<trunk-id>—ATM trunk identifier.

<tunnel>—Tunnel parameters.

<uplink-shared-with>—Specify which PSD owns this logical interface.

<vci>—ATM point-to-point virtual circuit identifier ([vpi.]vci).

<vci-range>—ATM VCI range start <start-vci> end <end-vci> .

<vlan-id>—Virtual LAN identifier value for 802.1q VLAN tags.

<vlan-id-range>—Virtual LAN identifier range of form vid1-vid2.

<vlan-tags>—IEEE 802.1q tags.

<vpi>—ATM point-to-point virtual path identifier (vpi).

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <unnumbered-address>
 <source>*source*</source> <!-- mandatory -->
 <preferred-source-address>*preferred-source-address*
 </preferred-source-address>
 <destination>*destination*</destination>
 <destination-profile>*destination-profile*</destination-profile>
 </unnumbered-address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Unnumbered interface address/destination prefix.

Contents <destination>—Destination address.

 <destination-profile>—Profile to use for destination address.

 <preferred-source-address>—Preferred address on the donor interface.

 <source>—Interface from which to take local address.

<unnumbered-address> (configuration/interfaces/interface/unit/family/inet)

Usage

```
<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <unnumbered-address>
              <source>source</source>    <!-- mandatory -->
              <preferred-source-address>preferred-source-address
                </preferred-source-address>
              <destination>destination</destination>
              <destination-profile>destination-profile</destination-profile>
            </unnumbered-address>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>
```

Description Unnumbered interface address/destination prefix.

Contents <destination>—Destination address.

<destination-profile>—Profile to use for destination address.

<preferred-source-address>—Preferred address on the donor interface.

<source>—Interface from which to take local address.

<unnumbered-address> (configuration/logical-systems/interfaces/interface/unit/family/inet)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <unnumbered-address>
 <source>*source*</source> <!-- mandatory -->
 <preferred-source-address>*preferred-source-address*
 </preferred-source-address>
 <destination>*destination*</destination>
 <destination-profile>*destination-profile*</destination-profile>
 </unnumbered-address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Unnumbered interface address/destination prefix.

Contents <destination>—Destination address.

 <destination-profile>—Profile to use for destination address.

 <preferred-source-address>—Preferred address on the donor interface.

 <source>—Interface from which to take local address.

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

Usage

```

<configuration>
  <access>
    <address-assignment>
      <pool>
        <family>
          <inet>
            <dhcp-attributes>
              <option>
                <array>
                  <unsigned-integer>
                    <name>name</name>    <!-- identifier -->
                  </unsigned-integer>
                </array>
              </option>
            </dhcp-attributes>
          </inet>
        </family>
      </pool>
    </address-assignment>
  </access>
</configuration>

```

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

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

Usage <configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <array>
 <unsigned-integer>
 <name>*name*</name> <!-- identifier -->
 </unsigned-integer>
 </array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
 </configuration>

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <access>
          <address-assignment>
            <pool>
              <family>
                <inet>
                  <dhcp-attributes>
                    <option>
                      <array>
                        <unsigned-integer>
                          <name>name</name>    <!-- identifier -->
                        </unsigned-integer>
                      </array>
                    </option>
                  </dhcp-attributes>
                </inet>
              </family>
            </pool>
          </address-assignment>
        </access>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <array>
 <unsigned-integer>
 <name>*name*</name> <!-- identifier -->
 </unsigned-integer>
 </array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </configuration>

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

<unsigned-integer> (configuration/system/services/dhcp/option/array)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <option>
 <array>
 <unsigned-integer>
 <name>*name*</name> <!-- identifier -->
 </unsigned-integer>
 </array>
 </option>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

<unsigned-integer> (configuration/system/services/dhcp/pool/option/array)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <pool>
 <option>
 <array>
 <unsigned-integer>
 <name>*name*</name> <!-- identifier -->
 </unsigned-integer>
 </array>
 </option>
 </pool>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <option>
 <array>
 <unsigned-integer>
 <name>*name*</name> <!-- identifier -->
 </unsigned-integer>
 </array>
 </option>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of unsigned 32-bit numeric values.

Contents <name>—Array of unsigned 32-bit numeric values.

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

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <array>
 <unsigned-short>
 <name>*name*</name> <!-- identifier -->
 </unsigned-short>
 </array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </configuration>

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

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

Usage

```

<configuration>
  <logical-systems>
    <access>
      <address-assignment>
        <pool>
          <family>
            <inet>
              <dhcp-attributes>
                <option>
                  <array>
                    <unsigned-short>
                      <name>name</name>    <!-- identifier -->
                    </unsigned-short>
                  </array>
                </option>
              </dhcp-attributes>
            </inet>
          </family>
        </pool>
      </address-assignment>
    </access>
  </logical-systems>
</configuration>

```

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option>
 <array>
 <unsigned-short>
 <name>*name*</name> <!-- identifier -->
 </unsigned-short>
 </array>
 </option>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <dhcp-attributes>
                  <option>
                    <array>
                      <unsigned-short>
                        <name>name</name>    <!-- identifier -->
                      </unsigned-short>
                    </array>
                  </option>
                </dhcp-attributes>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>

```

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

<unsigned-short> (configuration/system/services/dhcp/option/array)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <option>
 <array>
 <unsigned-short>
 <name>*name*</name> <!-- identifier -->
 </unsigned-short>
 </array>
 </option>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

<unsigned-short> (configuration/system/services/dhcp/pool/option/array)

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <pool>
 <option>
 <array>
 <unsigned-short>
 <name>*name*</name> <!-- identifier -->
 </unsigned-short>
 </array>
 </option>
 </pool>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <option>
 <array>
 <unsigned-short>
 <name>*name*</name> <!-- identifier -->
 </unsigned-short>
 </array>
 </option>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Array of 16-bit numeric values.

Contents <name>—Array of 16-bit numeric values.

<up> (configuration/services/pgcp/gateway/h248-options/service-change/control-association-indications)

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <h248-options>
 <service-change>
 <control-association-indications>
 <up>
 <failover-cold>*failover-cold-choice*</failover-cold>
 <failover-warm>*failover-warm-choice*</failover-warm>
 <cancel-graceful>*cancel-graceful-choice*</cancel-graceful>
 </up>
 </control-association-indications>
 </service-change>
 </h248-options>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description No documentation is available yet.

Contents <cancel-graceful>—Configure cancel-graceful service change.

- none—Suppress restart-918 service change.
- restart-918—Cancel graceful.

<failover-cold>—Configure failover-cold service change.

- failover-920—Cold failover.
- restart-901—Cold boot.

<failover-warm>—Configure failover-warm service change.

- failover-919—Warm failover.
- restart-902—Warm boot.

<uplink-dscp-remapping> (configuration/services/ggsn/apn)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <uplink-dscp-remapping>
 <conversational-1>...</conversational-1>
 <conversational-2>...</conversational-2>
 <streaming-1>...</streaming-1>
 <streaming-2>...</streaming-2>
 <interactive-1>...</interactive-1>
 <interactive-2>...</interactive-2>
 <interactive-3>...</interactive-3>
 <background>...</background>
 </uplink-dscp-remapping>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Gi quality-of-service to DSCP remapping.

Contents <background>—DSCP name for background traffic.
 <conversational-1>—DSCP name for conversational class 1 traffic.
 <conversational-2>—DSCP name for conversational class 2 traffic.
 <interactive-1>—DSCP name for interactive class 1 traffic.
 <interactive-2>—DSCP name for interactive class 2 traffic.
 <interactive-3>—DSCP name for interactive class 3 traffic.
 <streaming-1>—DSCP name for streaming class 1 traffic.
 <streaming-2>—DSCP name for streaming class 2 traffic.

<uplink-shared-with> (configuration/dynamic-profiles/interfaces/interface/unit)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <uplink-shared-with>
 <psd-name>*psd-name*</psd-name>
 </uplink-shared-with>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Specify which PSD owns this logical interface.

Contents <psd-name>—PSD name.

<uplink-shared-with> (configuration/interfaces/interface/unit)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <uplink-shared-with>
 <psd-name>*psd-name*</psd-name>
 </uplink-shared-with>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Specify which PSD owns this logical interface.

Contents <psd-name>—PSD name.

<uplink-shared-with> (configuration/logical-systems/interfaces/interface/unit)

Usage	<pre> <configuration> <logical-systems> <interfaces> <interface> <unit> <uplink-shared-with> <psd-name>psd-name</psd-name> </uplink-shared-with> </unit> </interface> </interfaces> </logical-systems> </configuration> </pre>
Description	Specify which PSD owns this logical interface.
Contents	<psd-name>—PSD name.

<upload> (configuration/event-options/policy/then)

Usage	<pre> <configuration> <event-options> <policy> <then> <upload> <filename>filename</filename> <!-- identifier --> <destination>destination</destination> <!-- identifier --> <user-name>user-name</user-name> <transfer-delay>seconds</transfer-delay> <retry-count>...</retry-count> </upload> </then> </policy> </event-options> </configuration> </pre>
Description	Upload file to specified destination.
Contents	<p><destination>—Location to which to output file.</p> <p><filename>—Name of file to upload.</p> <p><retry-count>—Upload output-filename retry attempt count.</p> <p><transfer-delay>—Delay before uploading file to the destination.</p> <p><user-name>—User under whose privileges upload action will execute.</p>

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

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule>
 <term>
 <from>
 <uri>
 <include-uri-handling>...</include-uri-handling>
 <is>*is*</is>
 <not-is>...</not-is>
 <starts-with>*starts-with*</starts-with>
 <not-starts-with>...</not-starts-with>
 <ends-with>*ends-with*</ends-with>
 <not-ends-with>...</not-ends-with>
 <contains>...</contains>
 <not-contains>...</not-contains>
 </uri>
 </from>
 </term>
 </http-wsp-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Match URI settings.

Contents <contains>—Matches a substring.

<ends-with>—End matches.

<include-uri-handling>—No documentation is available yet.

<is>—Exact match.

<not-contains>—Doesn't match a substring.

<not-ends-with>—End doesn't match.

<not-is>—Exclude exact match.

<not-starts-with>—Beginning doesn't match.

<starts-with>—Beginning matches.

<uri> (configuration/services/ggsn/service-identification/rtsp-rule/term/from/rtsp)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <rtsp-rule>
          <term>
            <from>
              <rtsp>
                <uri>
                  <include-uri-handling>...</include-uri-handling>
                  <is>is</is>
                  <not-is>...</not-is>
                  <starts-with>starts-with</starts-with>
                  <not-starts-with>...</not-starts-with>
                  <ends-with>ends-with</ends-with>
                  <not-ends-with>...</not-ends-with>
                  <contains>...</contains>
                  <not-contains>...</not-contains>
                </uri>
              </rtsp>
            </from>
          </term>
        </rtsp-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description URI settings.

Contents

- <contains>—Matches a substring.
- <ends-with>—End matches.
- <include-uri-handling>—No documentation is available yet.
- <is>—Exact match.
- <not-contains>—Doesn't match a substring.
- <not-ends-with>—End doesn't match.
- <not-is>—Exclude exact match.
- <not-starts-with>—Beginning doesn't match.
- <starts-with>—Beginning matches.

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

Usage	<pre> <configuration> <services> <ggsn> <service-identification> <uri-redirect-set> <name>name</name> <!-- identifier --> <cause>...</cause> </uri-redirect-set> </service-identification> </ggsn> </services> </configuration> </pre>
Description	Define a set of URI redirect rules.
Contents	<p><cause>—No documentation is available yet.</p> <p><name>—Name of URI redirect set.</p>

<url> (configuration/security/pki/ca-profile/revocation-check/crl)

Usage	<pre> <configuration> <security> <pki> <ca-profile> <revocation-check> <crl> <url> <name>name</name> <!-- identifier --> <password>password</password> </url> </crl> </revocation-check> </ca-profile> </pki> </security> </configuration> </pre>
Description	No documentation is available yet.
Contents	<p><name>—URL of CRL distribution point for certificate authority.</p> <p><password>—Password for authentication with the server.</p>

<url> (configuration/system/license/autoupdate)

Usage <configuration>
 <system>
 <license>
 <autoupdate>
 <url>
 <name>*name*</name> <!-- identifier -->
 <password>*password*</password>
 </url>
 </autoupdate>
 </license>
 </system>
 </configuration>

Description URL of a license server.

Contents <name>—URL of a license server for license keys.
 <password>—Password of URL for a license server.

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

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule>
 <term>
 <from>
 <pop3>
 <user>
 <case/>
 <is>is</is>
 <not-is>...</not-is>
 <starts-with>starts-with</starts-with>
 <not-starts-with>...</not-starts-with>
 <ends-with>ends-with</ends-with>
 <not-ends-with>...</not-ends-with>
 <contains>...</contains>
 <not-contains>...</not-contains>
 </user>
 </pop3>
 </from>
 </term>
 </pop3-rule>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Match user.

Contents <case>—Consider case while processing.
 <contains>—Matches a substring.
 <ends-with>—End matches.
 <is>—Exact match.
 <not-contains>—Doesn't match a substring.
 <not-ends-with>—End doesn't match.
 <not-is>—Exclude exact match.
 <not-starts-with>—Beginning doesn't match.
 <starts-with>—Beginning matches.

<user> (configuration/snmp/v3/usm/local-engine)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <local-engine>
 <user>
 <name>*name*</name> <!-- identifier -->
 <authentication-md5>...</authentication-md5>
 <authentication-sha>...</authentication-sha>
 <authentication-none/>
 <privacy-des>...</privacy-des>
 <privacy-3des>...</privacy-3des>
 <privacy-aes128>...</privacy-aes128>
 <privacy-none/>
 </user>
 </local-engine>
 </usm>
 </v3>
 </snmp>
 </configuration>

Description SNMPv3 USM user information.

Contents <authentication-md5>—Configure MD5 authentication.
 <authentication-none>—Set no authentication for the user.
 <authentication-sha>—Configure SHA authentication.
 <name>—User name.
 <privacy-3des>—Configure Triple DES privacy.
 <privacy-aes128>—Configure AES128 privacy.
 <privacy-des>—Configure DES privacy.
 <privacy-none>—Set no privacy for the user.

<user> (configuration/snmp/v3/usm/remote-engine)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <remote-engine>
 <user>
 <name>*name*</name> <!-- identifier -->
 <authentication-md5>...</authentication-md5>
 <authentication-sha>...</authentication-sha>
 <authentication-none/>
 <privacy-des>...</privacy-des>
 <privacy-3des>...</privacy-3des>
 <privacy-aes128>...</privacy-aes128>
 <privacy-none/>
 </user>
 </remote-engine>
 </usm>
 </v3>
 </snmp>
 </configuration>

Description SNMPv3 USM user information.

Contents <authentication-md5>—Configure MD5 authentication.
 <authentication-none>—Set no authentication for the user.
 <authentication-sha>—Configure SHA authentication.
 <name>—User name.
 <privacy-3des>—Configure Triple DES privacy.
 <privacy-aes128>—Configure AES128 privacy.
 <privacy-des>—Configure DES privacy.
 <privacy-none>—Set no privacy for the user.

<user> (configuration/system/login)

Usage	<pre> <configuration> <system> <login> <user> <name>name</name> <!-- identifier --> <full-name>full-name</full-name> <uid>uid</uid> <class>class</class> <!-- mandatory --> <authentication>...</authentication> </user> </login> </system> </configuration> </pre>
Description	Username.
Contents	<p><authentication>—Authentication method.</p> <p><class>—Login class.</p> <p><full-name>—Full name.</p> <p><name>—User name (login).</p> <p><uid>—User identifier (uid).</p>

<user> (configuration/system/syslog)

Usage	<pre> <configuration> <system> <syslog> <user> <name>name</name> <!-- identifier --> <contents>...</contents> <match>match</match> </user> </syslog> </system> </configuration> </pre>
Description	Notify a user of the event.
Contents	<p><contents>—No documentation is available yet.</p> <p><match>—Regular expression for lines to be logged.</p> <p><name>—Name of user to notify.</p>

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

Usage	<pre><configuration> <services> <ggsn> <apn> <user-category> <cc-mask>cc-mask</cc-mask> <default>...</default> <category>...</category> </user-category> </apn> </ggsn> </services> </configuration></pre>
Description	User category settings.
Contents	<p><category>—No documentation is available yet.</p> <p><cc-mask>—Charging characteristics mask.</p> <p><default>—Default user category.</p>

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

Usage	<pre><configuration> <firewall> <family> <bridge> <filter> <term> <from> <user-vlan-1p-priority> <name>name</name> <!-- identifier --> </user-vlan-1p-priority> </from> </term> </filter> </bridge> </family> </firewall> </configuration></pre>
Description	Match User 802.1p VLAN Priority.
Contents	<name>—802.1p priority value 0-7.

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

Usage <configuration>
 <firewall>
 <family>
 <vpls>
 <filter>
 <term>
 <from>
 <user-vlan-1p-priority>
 <name>*name*</name> <!-- identifier -->
 </user-vlan-1p-priority>
 </from>
 </term>
 </filter>
 </vpls>
 </family>
 </firewall>
</configuration>

Description Match User 802.1p VLAN Priority.

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

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

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

Description Match User 802.1p VLAN Priority.

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

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

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

Description Match User 802.1p VLAN Priority.

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

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

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

Description Do not match User 802.1p VLAN Priority.

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

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

Usage <configuration>
 <firewall>
 <family>
 <vpls>
 <filter>
 <term>
 <from>
 <user-vlan-1p-priority-except>
 <name>*name*</name> <!-- identifier -->
 </user-vlan-1p-priority-except>
 </from>
 </term>
 </filter>
 </vpls>
 </family>
 </firewall>
 </configuration>

Description Do not match User 802.1p VLAN Priority.

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

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

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

Description Do not match User 802.1p VLAN Priority.

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

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

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

Description Do not match User 802.1p VLAN Priority.

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

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

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

Description Match User VLAN ID.

Contents <name>—Range of values.

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

Usage	<pre> <configuration> <firewall> <family> <vpls> <filter> <term> <from> <user-vlan-id> <name>name</name> <!-- identifier --> </user-vlan-id> </from> </term> </filter> </vpls> </family> </firewall> </configuration> </pre>
Description	Match User VLAN ID.
Contents	<name>—Range of values.

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

Usage	<pre> <configuration> <logical-systems> <firewall> <family> <bridge> <filter> <term> <from> <user-vlan-id> <name>name</name> <!-- identifier --> </user-vlan-id> </from> </term> </filter> </bridge> </family> </firewall> </logical-systems> </configuration> </pre>
Description	Match User VLAN ID.
Contents	<name>—Range of values.

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

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

Description Match User VLAN ID.

Contents <name>—Range of values.

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

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

Description Do not match User VLAN ID.

Contents <name>—Range of values.

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

Usage <configuration>
 <firewall>
 <family>
 <vpls>
 <filter>
 <term>
 <from>
 <user-vlan-id-except>
 <name>*name*</name> <!-- identifier -->
 </user-vlan-id-except>
 </from>
 </term>
 </filter>
 </vpls>
 </family>
 </firewall>
 </configuration>

Description Do not match User VLAN ID.

Contents <name>—Range of values.

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

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <bridge>
 <filter>
 <term>
 <from>
 <user-vlan-id-except>
 <name>*name*</name> <!-- identifier -->
 </user-vlan-id-except>
 </from>
 </term>
 </filter>
 </bridge>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Do not match User VLAN ID.

Contents <name>—Range of values.

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

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

Description Do not match User VLAN ID.

Contents <name>—Range of values.

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

Usage

```

<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <authentication>
            <username-include>
              <delimiter>delimiter</delimiter>
              <domain-name>domain-name</domain-name>
              <user-prefix>user-prefix</user-prefix>
              <mac-address/>
              <option-82>...</option-82>
              <logical-system-name/>
              <routing-instance-name/>
              <option-60/>
              <circuit-type/>
            </username-include>
          </authentication>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>

```

Description Add username options.

Contents

- <circuit-type>—Include circuit type.
- <delimiter>—Change delimiter/separator character.
- <domain-name>—Add domain name.
- <logical-system-name>—Include logical system name.
- <mac-address>—Include MAC address.
- <option-60>—Include option 60.
- <option-82>—Include option 82.
- <routing-instance-name>—Include routing instance name.
- <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <bridge-domains>
    <domain>
      <forwarding-options>
        <dhcp-relay>
          <group>
            <authentication>
              <username-include>
                <delimiter>delimiter</delimiter>
                <domain-name>domain-name</domain-name>
                <user-prefix>user-prefix</user-prefix>
                <mac-address/>
                <option-82>...</option-82>
                <logical-system-name/>
                <routing-instance-name/>
                <option-60/>
                <circuit-type/>
              </username-include>
            </authentication>
          </group>
        </dhcp-relay>
      </forwarding-options>
    </domain>
  </bridge-domains>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <bridge-domains>
          <domain>
            <forwarding-options>
              <dhcp-relay>
                <authentication>
                  <username-include>
                    <delimiter>delimiter</delimiter>
                    <domain-name>domain-name</domain-name>
                    <user-prefix>user-prefix</user-prefix>
                    <mac-address/>
                    <option-82>...</option-82>
                    <logical-system-name/>
                    <routing-instance-name/>
                    <option-60/>
                    <circuit-type/>
                  </username-include>
                </authentication>
              </dhcp-relay>
            </forwarding-options>
          </domain>
        </bridge-domains>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
</logical-systems>
</configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
</routing-instances>
</logical-systems>
</configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <authentication>
                <username-include>
                  <delimiter>delimiter</delimiter>
                  <domain-name>domain-name</domain-name>
                  <user-prefix>user-prefix</user-prefix>
                  <mac-address/>
                  <option-82>...</option-82>
                  <logical-system-name/>
                  <routing-instance-name/>
                  <option-60/>
                  <circuit-type/>
                </username-include>
              </authentication>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <system>
          <services>
            <dhcp-local-server>
              <group>
                <authentication>
                  <username-include>
                    <delimiter>delimiter</delimiter>
                    <domain-name>domain-name</domain-name>
                    <user-prefix>user-prefix</user-prefix>
                    <mac-address/>
                    <option-82>...</option-82>
                    <logical-system-name/>
                    <routing-instance-name/>
                    <option-60/>
                    <circuit-type/>
                  </username-include>
                </authentication>
              </group>
            </dhcp-local-server>
          </services>
        </system>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <logical-systems>
    <system>
      <services>
        <dhcp-local-server>
          <authentication>
            <username-include>
              <delimiter>delimiter</delimiter>
              <domain-name>domain-name</domain-name>
              <user-prefix>user-prefix</user-prefix>
              <mac-address/>
              <option-82>...</option-82>
              <logical-system-name/>
              <routing-instance-name/>
              <option-60/>
              <circuit-type/>
            </username-include>
          </authentication>
        </dhcp-local-server>
      </services>
    </system>
  </logical-systems>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <logical-systems>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-local-server>
 </services>
 </system>
</logical-systems>
</configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <authentication>
                <username-include>
                  <delimiter>delimiter</delimiter>
                  <domain-name>domain-name</domain-name>
                  <user-prefix>user-prefix</user-prefix>
                  <mac-address/>
                  <option-82>...</option-82>
                  <logical-system-name/>
                  <routing-instance-name/>
                  <option-60/>
                  <circuit-type/>
                </username-include>
              </authentication>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <bridge-domains>
        <domain>
          <forwarding-options>
            <dhcp-relay>
              <group>
                <authentication>
                  <username-include>
                    <delimiter>delimiter</delimiter>
                    <domain-name>domain-name</domain-name>
                    <user-prefix>user-prefix</user-prefix>
                    <mac-address/>
                    <option-82>...</option-82>
                    <logical-system-name/>
                    <routing-instance-name/>
                    <option-60/>
                    <circuit-type/>
                  </username-include>
                </authentication>
              </group>
            </dhcp-relay>
          </forwarding-options>
        </domain>
      </bridge-domains>
    </instance>
  </routing-instances>
</configuration>

```

Description Add username options.

Contents

- <circuit-type>—Include circuit type.
- <delimiter>—Change delimiter/separator character.
- <domain-name>—Add domain name.
- <logical-system-name>—Include logical system name.
- <mac-address>—Include MAC address.
- <option-60>—Include option 60.
- <option-82>—Include option 82.
- <routing-instance-name>—Include routing instance name.
- <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <dhcp-relay>
          <authentication>
            <username-include>
              <delimiter>delimiter</delimiter>
              <domain-name>domain-name</domain-name>
              <user-prefix>user-prefix</user-prefix>
              <mac-address/>
              <option-82>...</option-82>
              <logical-system-name/>
              <routing-instance-name/>
              <option-60/>
              <circuit-type/>
            </username-include>
          </authentication>
        </dhcp-relay>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

 <delimiter>—Change delimiter/separator character.

 <domain-name>—Add domain name.

 <logical-system-name>—Include logical system name.

 <mac-address>—Include MAC address.

 <option-60>—Include option 60.

 <option-82>—Include option 82.

 <routing-instance-name>—Include routing instance name.

 <user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <system>
        <services>
          <dhcp-local-server>
            <authentication>
              <username-include>
                <delimiter>delimiter</delimiter>
                <domain-name>domain-name</domain-name>
                <user-prefix>user-prefix</user-prefix>
                <mac-address/>
                <option-82>...</option-82>
                <logical-system-name/>
                <routing-instance-name/>
                <option-60/>
                <circuit-type/>
              </username-include>
            </authentication>
          </dhcp-local-server>
        </services>
      </system>
    </instance>
  </routing-instances>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <system>
 <services>
 <dhcp-local-server>
 <group>
 <authentication>
 <username-include>
 <delimiter>*delimiter*</delimiter>
 <domain-name>*domain-name*</domain-name>
 <user-prefix>*user-prefix*</user-prefix>
 <mac-address/>
 <option-82>...</option-82>
 <logical-system-name/>
 <routing-instance-name/>
 <option-60/>
 <circuit-type/>
 </username-include>
 </authentication>
 </group>
 </dhcp-local-server>
 </services>
 </system>
 </instance>
 </routing-instances>
 </configuration>

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <system>
    <services>
      <dhcp-local-server>
        <authentication>
          <username-include>
            <delimiter>delimiter</delimiter>
            <domain-name>domain-name</domain-name>
            <user-prefix>user-prefix</user-prefix>
            <mac-address/>
            <option-82>...</option-82>
            <logical-system-name/>
            <routing-instance-name/>
            <option-60/>
            <circuit-type/>
          </username-include>
        </authentication>
      </dhcp-local-server>
    </services>
  </system>
</configuration>

```

Description Add username options.

Contents <circuit-type>—Include circuit type.

<delimiter>—Change delimiter/separator character.

<domain-name>—Add domain name.

<logical-system-name>—Include logical system name.

<mac-address>—Include MAC address.

<option-60>—Include option 60.

<option-82>—Include option 82.

<routing-instance-name>—Include routing instance name.

<user-prefix>—Add user defined prefix.

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

Usage

```

<configuration>
  <system>
    <services>
      <dhcp-local-server>
        <group>
          <authentication>
            <username-include>
              <delimiter>delimiter</delimiter>
              <domain-name>domain-name</domain-name>
              <user-prefix>user-prefix</user-prefix>
              <mac-address/>
              <option-82>...</option-82>
              <logical-system-name/>
              <routing-instance-name/>
              <option-60/>
              <circuit-type/>
            </username-include>
          </authentication>
        </group>
      </dhcp-local-server>
    </services>
  </system>
</configuration>

```

Description Add username options.

Contents

- <circuit-type>—Include circuit type.
- <delimiter>—Change delimiter/separator character.
- <domain-name>—Add domain name.
- <logical-system-name>—Include logical system name.
- <mac-address>—Include MAC address.
- <option-60>—Include option 60.
- <option-82>—Include option 82.
- <routing-instance-name>—Include routing instance name.
- <user-prefix>—Add user defined prefix.

<usm> (configuration/snmp/v3)

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <local-engine>...</local-engine>
 <remote-engine>...</remote-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description User-based security model (USM) information.

Contents <local-engine>—Local engine user configuration.

<remote-engine>—Remote engine user configuration.