

## 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 cdxiii.

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



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

---

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

---

**Usage**   <configuration>  
          <security>  
          <idp>  
          <custom-attack>  
          <attack-type>  
          <chain>  
          <member>  
          <attack-type>  
          <signature>  
          <protocol>  
          **<udp>**  
            <source-port>...</source-port>  
            <destination-port>...</destination-port>  
            <data-length>...</data-length>  
          **</udp>**  
          </protocol>  
          </signature>  
          </attack-type>  
          </member>  
          </chain>  
          </attack-type>  
          </custom-attack>  
          </idp>  
          </security>  
          </configuration>

**Description**   UDP protocol parameters.

**Contents**   <data-length>—Size of IP datagram subtracted by UDP header length.

          <destination-port>—Destination port.

          <source-port>—Source port.

**<udp> (configuration/security/idp/custom-attack/attack-type/  
chain/protocol-binding)**

---

**Usage**   <configuration>  
          <security>  
          <idp>  
          <custom-attack>  
          <attack-type>  
          <chain>  
          <protocol-binding>  
          **<udp>**  
          <minimum-port>...</minimum-port>  
          **</udp>**  
          </protocol-binding>  
          </chain>  
          </attack-type>  
          </custom-attack>  
          </idp>  
          </security>  
          </configuration>

**Description**   Attack is for UDP packets only.

**Contents**   <minimum-port>—Either single port or port ranges can be specified.

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

---

**Usage**   <configuration>  
          <security>  
          <idp>  
          <custom-attack>  
          <attack-type>  
          <signature>  
          <protocol>  
          **<udp>**  
            <source-port>...</source-port>  
            <destination-port>...</destination-port>  
            <data-length>...</data-length>  
          **</udp>**  
          </protocol>  
          </signature>  
          </attack-type>  
          </custom-attack>  
          </idp>  
          </security>  
          </configuration>

**Description**   UDP protocol parameters.

**Contents**   <data-length>—Size of IP datagram subtracted by UDP header length.  
              <destination-port>—Destination port.  
              <source-port>—Source port.

**<udp> (configuration/security/idp/custom-attack/attack-type/  
signature/protocol-binding)**

---

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;security&gt;     &lt;idp&gt;       &lt;custom-attack&gt;         &lt;attack-type&gt;           &lt;signature&gt;             &lt;protocol-binding&gt;               <b>&lt;udp&gt;</b>                 &lt;minimum-port&gt;...&lt;/minimum-port&gt;               <b>&lt;/udp&gt;</b>             &lt;/protocol-binding&gt;           &lt;/signature&gt;         &lt;/attack-type&gt;       &lt;/custom-attack&gt;     &lt;/idp&gt;   &lt;/security&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	Attack is for UDP packets only.
<b>Contents</b>	<minimum-port>—Either single port or port ranges can be specified.

**<udp> (configuration/services/application-identification/  
application/port-mapping/port-range)**

---

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;services&gt;     &lt;application-identification&gt;       &lt;application&gt;         &lt;port-mapping&gt;           &lt;port-range&gt;             <b>&lt;udp&gt;</b>               &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;             <b>&lt;/udp&gt;</b>           &lt;/port-range&gt;         &lt;/port-mapping&gt;       &lt;/application&gt;     &lt;/application-identification&gt;   &lt;/services&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	UDP port range.
<b>Contents</b>	<name>—UDP port range.

## **<udp> (configuration/services/application-identification/rule/address/destination/port-range)**

---

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;services&gt;     &lt;application-identification&gt;       &lt;rule&gt;         &lt;address&gt;           &lt;destination&gt;             &lt;port-range&gt;               <b>&lt;udp&gt;</b>                 &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;               <b>&lt;/udp&gt;</b>             &lt;/port-range&gt;           &lt;/destination&gt;         &lt;/address&gt;       &lt;/rule&gt;     &lt;/application-identification&gt;   &lt;/services&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	UDP port range.
<b>Contents</b>	<name>—UDP port range.

## **<udp> (configuration/services/application-identification/rule/address/source/port-range)**

---

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;services&gt;     &lt;application-identification&gt;       &lt;rule&gt;         &lt;address&gt;           &lt;source&gt;             &lt;port-range&gt;               <b>&lt;udp&gt;</b>                 &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;               <b>&lt;/udp&gt;</b>             &lt;/port-range&gt;           &lt;/source&gt;         &lt;/address&gt;       &lt;/rule&gt;     &lt;/application-identification&gt;   &lt;/services&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	UDP port range.
<b>Contents</b>	<name>—UDP port range.

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

---

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

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

---

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

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

---

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

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

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;services&gt;     &lt;ggsn&gt;       &lt;service-set&gt;         &lt;service-identification&gt;           &lt;unescape-conversion&gt;             &lt;http/&gt;             &lt;wsp/&gt;             &lt;rtsp/&gt;             &lt;sip/&gt;           &lt;/unescape-conversion&gt;         &lt;/service-identification&gt;       &lt;/service-set&gt;     &lt;/ggsn&gt;   &lt;/services&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Unescape characters in URI before processing.
<b>Contents</b>	<p>&lt;http&gt;—HTTP requests.</p> <p>&lt;rtsp&gt;—RTSP requests.</p> <p>&lt;sip&gt;—SIP requests.</p> <p>&lt;wsp&gt;—WSP requests.</p>



## **<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.

**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/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.

**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/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>

**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/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>

**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/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>

**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/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>

```

**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/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>

```

**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/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)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;routing-options&gt;     &lt;auto-export&gt;       &lt;family&gt;         &lt;inet6&gt;           &lt;unicast&gt;             &lt;disable/&gt;             &lt;rib-group&gt;rib-group&lt;/rib-group&gt;           &lt;/unicast&gt;         &lt;/inet6&gt;       &lt;/family&gt;     &lt;/auto-export&gt;   &lt;/routing-options&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Unicast routing information.
<b>Contents</b>	<p>&lt;disable&gt;—Disable instance export.</p> <p>&lt;rib-group&gt;—Auxiliary rib-group of additional RIBs to consider.</p>

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

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;routing-options&gt;     &lt;auto-export&gt;       &lt;family&gt;         &lt;iso&gt;           &lt;unicast&gt;             &lt;disable/&gt;             &lt;rib-group&gt;rib-group&lt;/rib-group&gt;           &lt;/unicast&gt;         &lt;/iso&gt;       &lt;/family&gt;     &lt;/auto-export&gt;   &lt;/routing-options&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Unicast routing information.
<b>Contents</b>	<p>&lt;disable&gt;—Disable instance export.</p> <p>&lt;rib-group&gt;—Auxiliary rib-group of additional RIBs to consider.</p>

**<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>  
 <interface-shared-with>...</interface-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-choice*</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-fr—Ethernet VPLS over Frame Relay (bridging) 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.

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

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

`<inverse-arp>`—Enable inverse ARP.

<keepalives>—Send or demand keepalive messages.

<layer2-policer>—Quality-of-service configuration.

<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>—No documentation is available yet.

- \$junos-underlying-interface-unit—Dynamic profile interface unit.
- interface-unit-number—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.

<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.

- none—No 802.1q VLAN identifier.

- vlan-id—Vlan identifier.

<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>  
 <interface-shared-with>...</interface-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-choice*</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>
</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-fr—Ethernet VPLS over Frame Relay (bridging) 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.

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

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

`<inverse-arp>`—Enable inverse ARP.

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

<layer2-policer>—Quality-of-service configuration.

<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>—No documentation is available yet.

- \$junos-underlying-interface-unit—Dynamic profile interface unit.

- interface-unit-number—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.

<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.

- none—No 802.1q VLAN identifier.

- vlan-id—Vlan identifier.

<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>  
 <interface-shared-with>...</interface-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-choice*</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-fr—Ethernet VPLS over Frame Relay (bridging) 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.

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

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

`<inverse-arp>`—Enable inverse ARP.

<keepalives>—Send or demand keepalive messages.

<layer2-policer>—Quality-of-service configuration.

<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>—No documentation is available yet.

- \$junos-underlying-interface-unit—Dynamic profile interface unit.
- interface-unit-number—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.

<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.

- none—No 802.1q VLAN identifier.

- vlan-id—Vlan identifier.

<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.

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

---

**Usage**   <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>

**Description**   Upload file to specified destination.

**Contents**   <destination>—Location to which to output file.

          <filename>—Name of file to upload.

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

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

          <user-name>—User under whose privileges upload action will execute.



## **<urgent-pointer> (configuration/security/idp/custom-attack/attack-type/chain/member/attack-type/signature/protocol/tcp)**

---

**Usage**   <configuration>  
           <security>  
           <idp>  
           <custom-attack>  
           <attack-type>  
           <chain>  
           <member>  
           <attack-type>  
           <signature>  
           <protocol>  
           <tcp>  
               **<urgent-pointer>**  
                   <match>*match-choice*</match>   <!-- mandatory -->  
                   <value>*value*</value>   <!-- mandatory -->  
               **</urgent-pointer>**  
               </tcp>  
               </protocol>  
               </signature>  
               </attack-type>  
               </member>  
               </chain>  
               </attack-type>  
               </custom-attack>  
           </idp>  
         </security>  
       </configuration>

**Description**   Urgent Pointer.

**Contents**   <match>—Match condition.

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

<value>—Match value.

## **<urgent-pointer> (configuration/security/idp/custom-attack/attack-type/signature/protocol/tcp)**

---

**Usage**

```

<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <tcp>
                <urgent-pointer>
                  <match>match-choice</match>    <!-- mandatory -->
                  <value>value</value>          <!-- mandatory -->
                </urgent-pointer>
              </tcp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>

```

**Description** Urgent Pointer.

**Contents** <match>—Match condition.

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

<value>—Match value.

## **<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)**

---

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

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

---

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

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

---

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;system&gt;     &lt;license&gt;       &lt;autoupdate&gt;         &lt;url&gt;           &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;           &lt;password&gt;password&lt;/password&gt;         &lt;/url&gt;       &lt;/autoupdate&gt;     &lt;/license&gt;   &lt;/system&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	URL of a license server.
<b>Contents</b>	<p>&lt;name&gt;—URL of a license server for license keys.</p> <p>&lt;password&gt;—Password of URL for a license server.</p>

## **<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)**

---

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

**<user> (configuration/system/syslog)**

---

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

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

---

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

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

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;firewall&gt;     &lt;family&gt;       &lt;bridge&gt;         &lt;filter&gt;           &lt;term&gt;             &lt;from&gt;               &lt;user-vlan-1p-priority&gt;                 &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;               &lt;/user-vlan-1p-priority&gt;             &lt;/from&gt;           &lt;/term&gt;         &lt;/filter&gt;       &lt;/bridge&gt;     &lt;/family&gt;   &lt;/firewall&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Match User 802.1p VLAN Priority.
<b>Contents</b>	<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)**

---

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

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

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;logical-systems&gt;     &lt;firewall&gt;       &lt;family&gt;         &lt;bridge&gt;           &lt;filter&gt;             &lt;term&gt;               &lt;from&gt;                 &lt;user-vlan-id&gt;                   &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;                 &lt;/user-vlan-id&gt;               &lt;/from&gt;             &lt;/term&gt;           &lt;/filter&gt;         &lt;/bridge&gt;       &lt;/family&gt;     &lt;/firewall&gt;   &lt;/logical-systems&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Match User VLAN ID.
<b>Contents</b>	<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.