

Chapter 18

Tag Elements Beginning with R

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

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



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

<radius> (configuration/access/profile)

Usage	<pre> <configuration> <access> <profile> <radius> <authentication-server>...</authentication-server> <accounting-server>...</accounting-server> <options>...</options> <attributes>...</attributes> </radius> </profile> </access> </configuration> </pre>
Description	Set of RADIUS configurations.
Contents	<p><accounting-server>—The accounting server list to use in the specified order to send accounting messages.</p> <p><attributes>—Specifies how RADIUS attributes should be handled.</p> <p><authentication-server>—The authentication server list to use in the specified order to send authentication messages.</p> <p><options>—Specifies the RADIUS options.</p>

<radius> (configuration/dynamic-profiles/variables)

Usage	<pre> <configuration> <dynamic-profiles> <variables> <radius> <vendor-id>...</vendor-id> </radius> </variables> </dynamic-profiles> </configuration> </pre>
Description	No documentation is available yet.
Contents	<vendor-id> —No documentation is available yet.

<radius> (configuration/services/ggsn)

Usage	<pre> <configuration> <services> <ggsn> <radius> <server>...</server> </radius> </ggsn> </services> </configuration> </pre>
Description	RADIUS settings.
Contents	<server>—Shared RADIUS server configuration.

<radius> (configuration/services/ggsn/apn)

Usage	<pre> <configuration> <services> <ggsn> <apn> <radius> <retry-method>retry-method-choice</retry-method> <load-balancing/> <authentication>...</authentication> <accounting>...</accounting> <accept-disconnect/> </radius> </apn> </ggsn> </services> </configuration> </pre>
Description	RADIUS configuration.
Contents	<p><accept-disconnect>—Perform PDP context deletion on receiving a disconnect request from a RADIUS server.</p> <p><accounting>—RADIUS accounting settings.</p> <p><authentication>—RADIUS authentication settings.</p> <p><load-balancing>—Use load balancing to distribute requests.</p> <p><retry-method>—RADIUS retry scheme settings.</p> <ul style="list-style-type: none"> ■ multiple-server—Multiple server retry scheme. ■ single-server—Single server retry scheme.

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

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <pdp-context>
          <session-control>
            <idle-timeout>
              <radius>
                <use-timeout/>
                <no-supervision/>
                <measurement-type>measurement-type-choice</measurement-type>
              </radius>
            </idle-timeout>
          </session-control>
        </pdp-context>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Timeout settings based on RADIUS.

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

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

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

<use-timeout>—Use idle timeout received from RADIUS.

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <radius>
 <use-timeout/>
 <no-supervision/>
 <measurement-type>*measurement-type-choice*</measurement-type>
 </radius>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Timeout settings based on RADIUS.

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

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

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

<use-timeout>—Use session timeout received from RADIUS.

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

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <idle-timeout>
 <radius>
 <use-timeout/>
 <measurement-type>*measurement-type-choice*</measurement-type>
 </radius>
 </idle-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
 </configuration>

Description Timeout settings based on RADIUS.

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

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

<use-timeout>—Use idle timeout received from RADIUS.

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

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <radius>
 <use-timeout/>
 <measurement-type>*measurement-type-choice*</measurement-type>
 </radius>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
</configuration>

Description Timeout settings based on RADIUS.

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

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

<use-timeout>—Use session timeout received from RADIUS.

<radius> (configuration/system/accounting/destination)

Usage <configuration>
 <system>
 <accounting>
 <destination>
 <radius>
 <server>...</server>
 </radius>
 </destination>
 </accounting>
 </system>
</configuration>

Description Configure RADIUS accounting.

Contents <server>—RADIUS accounting server configuration.

<radius-assisted-apn-selection> (configuration/services/ggsn/apn/access-restrictions)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <access-restrictions>
 <radius-assisted-apn-selection>
 <default>default</default>
 </radius-assisted-apn-selection>
 </access-restrictions>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Enable RADIUS assisted APN selection.

Contents <default>—Default APN name for radius assisted APN selection.

<radius-assisted-apn-selection> (configuration/services/ggsn/logical-apn/access-restrictions)

Usage <configuration>
 <services>
 <ggsn>
 <logical-apn>
 <access-restrictions>
 <radius-assisted-apn-selection>
 <default>default</default>
 </radius-assisted-apn-selection>
 </access-restrictions>
 </logical-apn>
 </ggsn>
 </services>
 </configuration>

Description Enable RADIUS assisted APN selection.

Contents <default>—Default APN name for radius assisted APN selection.

<radius-disconnect> (configuration/access)

Usage	<pre> <configuration> <access> <radius-disconnect> <name>name</name> <!-- identifier --> <secret>secret</secret> </radius-disconnect> </access> </configuration> </pre>
Description	RADIUS-initiated disconnect configuration for dynamic termination of user sessions by external entity.
Contents	<p><name>—Address of RADIUS client from which to accept disconnect requests.</p> <p><secret>—Secret with which to authenticate RADIUS client sending disconnect requests.</p>

<radius-options> (configuration/access)

Usage	<pre> <configuration> <access> <radius-options> <revert-interval>seconds</revert-interval> </radius-options> </access> </configuration> </pre>
Description	RADIUS options.
Contents	<revert-interval>—Time after which to revert to primary server.

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

Usage	<pre> <configuration> <access> <profile> <radius-options> <revert-interval>seconds</revert-interval> </radius-options> </profile> </access> </configuration> </pre>
Description	RADIUS options.
Contents	<revert-interval>—Time after which to revert to primary server.

<radius-options> (configuration/system)

Usage	<pre> <configuration> <system> <radius-options> <password-protocol>password-protocol-choice</password-protocol> <attributes>...</attributes> </radius-options> </system> </configuration> </pre>
Description	RADIUS options.
Contents	<p><attributes>—Configure RADIUS attributes.</p> <p><password-protocol>—Specify password protocol used in RADIUS packets.</p> <ul style="list-style-type: none"> ■ mschap-v2—MSCHAP version 2.

<radius-server> (configuration/access)

Usage	<pre> <configuration> <access> <radius-server> <name>name</name> <!-- identifier --> <port>port</port> <accounting-port>accounting-port</accounting-port> <secret>secret</secret> <!-- mandatory --> <timeout>seconds</timeout> <retry>retry</retry> <source-address>source-address</source-address> <routing-instance>routing-instance</routing-instance> </radius-server> </access> </configuration> </pre>
Description	RADIUS server configuration.
Contents	<p><accounting-port>—Port number to send RADIUS accounting messages, l2tp only.</p> <p><name>—RADIUS server address.</p> <p><port>—RADIUS server authentication port number.</p> <p><retry>—Retry attempts.</p> <p><routing-instance>—Use specified routing instance.</p> <p><secret>—Shared secret with the RADIUS server.</p> <p><source-address>—Use specified address as source address.</p> <p><timeout>—Request timeout period.</p>

<radius-server> (configuration/access/profile)

Usage <configuration>
 <access>
 <profile>
 <radius-server>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port>
 <accounting-port>*accounting-port*</accounting-port>
 <secret>*secret*</secret> <!-- mandatory -->
 <timeout>*seconds*</timeout>
 <retry>*retry*</retry>
 <source-address>*source-address*</source-address>
 <routing-instance>*routing-instance*</routing-instance>
 </radius-server>
 </profile>
 </access>
 </configuration>

Description RADIUS server configuration.

Contents <accounting-port>—Port number to which to send RADIUS accounting messages (L2TP only).

 <name>—RADIUS server address.

 <port>—RADIUS server authentication port number.

 <retry>—Retry attempts.

 <routing-instance>—Use specified routing instance.

 <secret>—Shared secret with the RADIUS server.

 <source-address>—Use specified address as source address.

 <timeout>—Request timeout period.

<radius-server> (configuration/system)

Usage <configuration>
 <system>
 <radius-server>
 <name>*name*</name> <!-- identifier -->
 <port>*port*</port>
 <accounting-port>*accounting-port*</accounting-port>
 <secret>*secret*</secret> <!-- mandatory -->
 <timeout>*seconds*</timeout>
 <retry>*retry*</retry>
 <source-address>*source-address*</source-address>
 </radius-server>
 </system>
 </configuration>

Description RADIUS server configuration.

Contents <accounting-port>—RADIUS server accounting port number.

<name>—RADIUS server address.

<port>—RADIUS server authentication port number.

<retry>—Retry attempts.

<secret>—Shared secret with the RADIUS server.

<source-address>—Use specified address as source address.

<timeout>—Request timeout period.

<range> (configuration/access/address-assignment/pool/family/inet)

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <range>
 <name>*name*</name> <!-- identifier -->
 <low>*low*</low> <!-- mandatory -->
 <high>*high*</high> <!-- mandatory -->
 </range>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </configuration>

Description Address range.

Contents <high>—Upper limit of address range.
 <low>—Lower limit of address range.
 <name>—Range name.

**<range> (configuration/logical-systems/access/
address-assignment/pool/family/inet)**

Usage <configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <range>
 <name>*name*</name> <!-- identifier -->
 <low>*low*</low> <!-- mandatory -->
 <high>*high*</high> <!-- mandatory -->
 </range>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
 </configuration>

Description Address range.

Contents <high>—Upper limit of address range.

 <low>—Lower limit of address range.

 <name>—Range name.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <range>
 <name>*name*</name> <!-- identifier -->
 <low>*low*</low> <!-- mandatory -->
 <high>*high*</high> <!-- mandatory -->
 </range>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Address range.

Contents <high>—Upper limit of address range.
 <low>—Lower limit of address range.
 <name>—Range name.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <range>
                  <name>name</name>    <!-- identifier -->
                  <low>low</low>      <!-- mandatory -->
                  <high>high</high>    <!-- mandatory -->
                </range>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>

```

Description Address range.

Contents <high>—Upper limit of address range.

<low>—Lower limit of address range.

<name>—Range name.

<range> (configuration/services/nat/pool/port)

Usage <configuration>
 <services>
 <nat>
 <pool>
 <port>
 <range>
 <low>*low*</low> <!-- mandatory -->
 <high>*high*</high> <!-- mandatory -->
 <random-allocation/>
 </range>
 </port>
 </pool>
 </nat>
 </services>
 </configuration>

Description Range of ports.

Contents <high>—Upper limit of port range.

 <low>—Lower limit of port range.

 <random-allocation>—Allocate ports randomly.

<rat-type> (configuration/services/ggsn/apn/roaming/default)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <roaming>
 <default>
 <rat-type>
 <name>*name*</name> <!-- identifier -->
 <roaming-class>*roaming-class*</roaming-class> <!-- mandatory -->
 </rat-type>
 </default>
 </roaming>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Radio Access Type.

Contents <name>—Radio access type (RAT) identifier.

- *geran*—GSM/EDGE radio access network.
- *unknown*—Unknown or missing.
- *utran*—WCDMA/UMTS Terrestrial radio access network.
- *wlan*—Wireless local area network.

<roaming-class>—Roaming class.

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

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

Description Radio access type (RAT) global defaults.

Contents <name>—Radio access type (RAT) global defaults.

- geran—GSM/EDGE radio access network.
- unknown—Unknown or missing.
- utran—WCDMA/UMTS Terrestrial radio access network.
- wlan—Wireless local area network.

<rat-types> (configuration/services/ggsn/apn/sgsn/sgsn-class/sgsn-address)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <sgsn>
 <sgsn-class>
 <sgsn-address>
 <rat-types>
 <name>name</name> <!-- identifier -->
 </rat-types>
 </sgsn-address>
 </sgsn-class>
 </sgsn>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Radio access type (RAT) global defaults.

Contents <name>—Radio access type (RAT) global defaults.

- geran—GSM/EDGE radio access network.
- unknown—Unknown or missing.
- utran—WCDMA/UMTS Terrestrial radio access network.
- wlan—Wireless local area network.

<rating-control> (configuration/services/ggsn/apn/service-based-charging)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <rating-control>
 <profile>...</profile>
 </rating-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Rating control.

Contents <profile>—Rating control profile.

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

Usage	<pre> <configuration> <services> <ggsn> <rule-space> <rating-group> <default>...</default> <!-- mandatory --> <map>...</map> <not-allowed>...</not-allowed> </rating-group> </rule-space> </ggsn> </services> </configuration> </pre>
Description	Classification of service-identifiers to Rating Groups, and explicit barring of services.
Contents	<p><default>—Default rating group.</p> <p><map>—Map of service ids to rating groups.</p> <p><not-allowed>—Access to rating group not allowed.</p>

<rating-group> (configuration/services/ggsn/rule-space/time-based-charging/rating-group-cluster)

Usage	<pre> <configuration> <services> <ggsn> <rule-space> <time-based-charging> <rating-group-cluster> <rating-group> <name>name</name> <!-- identifier --> </rating-group> </rating-group-cluster> </time-based-charging> </rule-space> </ggsn> </services> </configuration> </pre>
Description	Rating group belonging to this cluster.
Contents	<name>—Rating group belonging to this cluster.

<rating-group-cluster> (configuration/services/ggsn/rule-space/time-based-charging)

Usage <configuration>
 <services>
 <ggsn>
 <rule-space>
 <time-based-charging>
 <rating-group-cluster>
 <name>*name*</name> <!-- identifier -->
 <measurement>...</measurement>
 <rating-group>...</rating-group> <!-- mandatory -->
 </rating-group-cluster>
 </time-based-charging>
 </rule-space>
 </ggsn>
 </services>
 </configuration>

Description Common time base definitions for clusters of rating groups.

Contents <measurement>—Default active time settings.
 <name>—Unique id for the rating-group cluster.
 <rating-group>—Rating group belonging to this cluster.

<re-authorization-triggers> (configuration/services/ggsn/rule-space/quota-handling)

Usage <configuration>
 <services>
 <ggsn>
 <rule-space>
 <quota-handling>
 <re-authorization-triggers>
 <sgsn-address/>
 <sgsn-plmn-id/>
 <rat-type/>
 <qos/>
 </re-authorization-triggers>
 </quota-handling>
 </rule-space>
 </ggsn>
 </services>
 </configuration>

Description Default triggers for quota re-authorization.

Contents <qos>—Trigger re-authorization if QoS has changed for the PDP context.

<rat-type>—Trigger re-authorization if RAT has changed for the PDP context.

<sgsn-address>—Trigger re-authorization if sgsn address has changed for the PDP context.

<sgsn-plmn-id>—Trigger re-authorization if PLMN id has changed for the PDP context.

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

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

Description OSPFv3 realm configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

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

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

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

<name>—OSPFv3 realm name.

- `ipv4-multicast`—IPv4 multicast realm.
 - `ipv4-unicast`—IPv4 unicast realm.
 - `ipv6-multicast`—IPv6 multicast realm.
 - `ipv6-unicast`—IPv6 unicast realm.
- `<no-nssa-abr>`—Disable full NSSA functionality at ABR.
- `<no-rfc-1583>`—Disable RFC1583 compatibility.
- `<overload>`—Set the overload mode (repel transit traffic).
- `<preference>`—Preference of internal routes.
- `<prefix-export-limit>`—Maximum number of prefixes that can be exported.
- `<reference-bandwidth>`—Bandwidth for calculating metric defaults.
- `<rib-group>`—Routing table group for importing OSPF routes.
- `<route-type-community>`—Specify BGP extended community value to encode OSPF route type.
- `iana`—BGP extended community value used is 0x0306.
 - `vendor`—Vendor BGP extended community value used is 0x8000.
- `<sham-link>`—Configure parameters for sham links.
- `<spf-options>`—Configure options for SPF.
- `<topology>`—Topology parameters.
- `<traceoptions>`—Trace options for OSPF.
- `<traffic-engineering>`—Configure traffic engineering attributes.

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

Usage

```

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

```

Description OSPFv3 realm configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

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

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

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

<name>—OSPFv3 realm name.

- ipv4-multicast—IPv4 multicast realm.

- ipv4-unicast—IPv4 unicast realm.

- ipv6-multicast—IPv6 multicast realm.

- ipv6-unicast—IPv6 unicast realm.

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

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

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

<preference>—Preference of internal routes.

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

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

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

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

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

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

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

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<realm> (configuration/protocols/ospf3)

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

Description OSPFv3 realm configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

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

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

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

<name>—OSPFv3 realm name.

■ **ipv4-multicast**—IPv4 multicast realm.

- `ipv4-unicast`—IPv4 unicast realm.
 - `ipv6-multicast`—IPv6 multicast realm.
 - `ipv6-unicast`—IPv6 unicast realm.
- `<no-nssa-abr>`—Disable full NSSA functionality at ABR.
- `<no-rfc-1583>`—Disable RFC1583 compatibility.
- `<overload>`—Set the overload mode (repel transit traffic).
- `<preference>`—Preference of internal routes.
- `<prefix-export-limit>`—Maximum number of prefixes that can be exported.
- `<reference-bandwidth>`—Bandwidth for calculating metric defaults.
- `<rib-group>`—Routing table group for importing OSPF routes.
- `<route-type-community>`—Specify BGP extended community value to encode OSPF route type.
- `iana`—BGP extended community value used is 0x0306.
 - `vendor`—Vendor BGP extended community value used is 0x8000.
- `<sham-link>`—Configure parameters for sham links.
- `<spf-options>`—Configure options for SPF.
- `<topology>`—Topology parameters.
- `<traceoptions>`—Trace options for OSPF.
- `<traffic-engineering>`—Configure traffic engineering attributes.

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

Usage

```

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

```

Description OSPFv3 realm configuration.

Contents <area>—Configure an OSPF area.

<disable>—Disable OSPF.

<domain-id>—Configure domain ID.

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

<export>—Export policy.

<external-preference>—Preference of external routes.

<graceful-restart>—Configure graceful restart attributes.

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

<name>—OSPFv3 realm name.

- ipv4-multicast—IPv4 multicast realm.

- ipv4-unicast—IPv4 unicast realm.

- ipv6-multicast—IPv6 multicast realm.

- ipv6-unicast—IPv6 unicast realm.

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

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

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

<preference>—Preference of internal routes.

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

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

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

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

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

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

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

<spf-options>—Configure options for SPF.

<topology>—Topology parameters.

<traceoptions>—Trace options for OSPF.

<traffic-engineering>—Configure traffic engineering attributes.

<receive> (configuration/logical-systems/protocols/rip)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rip>
 <receive>
 <both/>
 <none/>
 <version-1/>
 <version-2/>
 </receive>
 </rip>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

 <none>—Do not receive RIP packets.

 <version-1>—Accept RIPv1 packets only.

 <version-2>—Accept only RIPv2 packets.

<receive> (configuration/logical-systems/protocols/rip/group/neighbor)

Usage <configuration>
 <logical-systems>
 <protocols>
 <rip>
 <group>
 <neighbor>
<receive>
 <both/>
 <none/>
 <version-1/>
 <version-2/>
</receive>
 </neighbor>
 </group>
 </rip>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

<none>—Do not receive RIP packets.

<version-1>—Accept RIPv1 packets only.

<version-2>—Accept only RIPv2 packets.

<receive> (configuration/logical-systems/protocols/ripng)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ripng>
<receive>
 <none/>
</receive>
 </ripng>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure RIPvng receive options.

Contents <none>—Do not receive RIPvng packets.

<receive> (configuration/logical-systems/protocols/ripng/group/neighbor)

Usage <configuration>
 <logical-systems>
 <protocols>
 <ripng>
 <group>
 <neighbor>
 <receive>
 <none/>
 </receive>
 </neighbor>
 </group>
 </ripng>
 </protocols>
 </logical-systems>
 </configuration>

Description Configure RIPng receive options.

Contents <none>—Do not receive RIPng packets.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <receive>
 <both/>
 <none/>
 <version-1/>
 <version-2/>
 </receive>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

 <none>—Do not receive RIP packets.

 <version-1>—Accept RIPv1 packets only.

 <version-2>—Accept only RIPv2 packets.

<receive> (configuration/logical-systems/routing-instances/instance/protocols/rip/group/neighbor)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <rip>
            <group>
              <neighbor>
                <receive>
                  <both/>
                  <none/>
                  <version-1/>
                  <version-2/>
                </receive>
              </neighbor>
            </group>
          </rip>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

<none>—Do not receive RIP packets.

<version-1>—Accept RIPv1 packets only.

<version-2>—Accept only RIPv2 packets.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ripng>
 <receive>
 <none/>
 </receive>
 </ripng>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure RIPng receive options.

Contents <none>—Do not receive RIPng packets.

<receive> (configuration/logical-systems/routing-instances/instance/protocols/ripng/group/neighbor)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <ripng>
 <group>
 <neighbor>
 <receive>
 <none/>
 </receive>
 </neighbor>
 </group>
 </ripng>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure RIPng receive options.

Contents <none>—Do not receive RIPng packets.

<receive> (configuration/protocols/rip)

Usage	<pre> <configuration> <protocols> <rip> <receive> <both/> <none/> <version-1/> <version-2/> </receive> </rip> </protocols> </configuration> </pre>
Description	Configure RIP receive options.
Contents	<p><both>—Accept both RIPv1 and RIPv2 packets.</p> <p><none>—Do not receive RIP packets.</p> <p><version-1>—Accept RIPv1 packets only.</p> <p><version-2>—Accept only RIPv2 packets.</p>

<receive> (configuration/protocols/rip/group/neighbor)

Usage	<pre> <configuration> <protocols> <rip> <group> <neighbor> <receive> <both/> <none/> <version-1/> <version-2/> </receive> </neighbor> </group> </rip> </protocols> </configuration> </pre>
Description	Configure RIP receive options.
Contents	<p><both>—Accept both RIPv1 and RIPv2 packets.</p> <p><none>—Do not receive RIP packets.</p> <p><version-1>—Accept RIPv1 packets only.</p> <p><version-2>—Accept only RIPv2 packets.</p>

<receive> (configuration/protocols/ripng)

Usage	<configuration> <protocols> <ripng> <receive> <none/> </receive> </ripng> </protocols> </configuration>
Description	Configure RIPvng receive options.
Contents	<none>—Do not receive RIPvng packets.

<receive> (configuration/protocols/ripng/group/neighbor)

Usage	<configuration> <protocols> <ripng> <group> <neighbor> <receive> <none/> </receive> </neighbor> </group> </ripng> </protocols> </configuration>
Description	Configure RIPvng receive options.
Contents	<none>—Do not receive RIPvng packets.

<receive> (configuration/routing-instances/instance/protocols/rip)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <receive>
 <both/>
 <none/>
 <version-1/>
 <version-2/>
 </receive>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

 <none>—Do not receive RIP packets.

 <version-1>—Accept RIPv1 packets only.

 <version-2>—Accept only RIPv2 packets.

<receive> (configuration/routing-instances/instance/protocols/rip/group/neighbor)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <group>
 <neighbor>
 <receive>
 <both/>
 <none/>
 <version-1/>
 <version-2/>
 </receive>
 </neighbor>
 </group>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure RIP receive options.

Contents <both>—Accept both RIPv1 and RIPv2 packets.

 <none>—Do not receive RIP packets.

 <version-1>—Accept RIPv1 packets only.

 <version-2>—Accept only RIPv2 packets.

<receive> (configuration/routing-instances/instance/protocols/ripng)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ripng>
<receive>
 <none/>
</receive>
 </ripng>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure RIPng receive options.

Contents <none>—Do not receive RIPng packets.

<receive> (configuration/routing-instances/instance/protocols/ripng/group/neighbor)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ripng>
 <group>
 <neighbor>
<receive>
 <none/>
</receive>
 </neighbor>
 </group>
 </ripng>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Configure RIPng receive options.

Contents <none>—Do not receive RIPng packets.

<receive-bucket> (configuration/dynamic-profiles/interfaces/ interface)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <receive-bucket>
 <overflow>*overflow-choice*</overflow>
 <rate>*rate*</rate>
 <threshold>*threshold*</threshold>
 </receive-bucket>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Set receive bucket parameters.

Contents <overflow>—Overflow behavior.

- *discard*—Discard overflow packets.
- *tag*—Tag and count overflow packets.

<rate>—Bucket rate.

<threshold>—Bucket threshold.

<receive-bucket> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <receive-bucket>
 <overflow>overflow-choice</overflow>
 <rate>rate</rate>
 <threshold>threshold</threshold>
 </receive-bucket>
 </interface>
 </interfaces>
 </configuration>

Description Set receive bucket parameters.

Contents <overflow>—Overflow behavior.

- discard—Discard overflow packets.
- tag—Tag and count overflow packets.

<rate>—Bucket rate.

<threshold>—Bucket threshold.

<reclaim-wait-time> (configuration/logical-systems/ routing-instances/instance/protocols/l2vpn/site/automatic-site-id)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <l2vpn>
 <site>
 <automatic-site-id>
 <reclaim-wait-time>
 <minimum>*milliseconds*</minimum> <!-- mandatory -->
 <maximum>*milliseconds*</maximum> <!-- mandatory -->
 </reclaim-wait-time>
 </automatic-site-id>
 </site>
 </l2vpn>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Time to wait for reclaiming a site identifier.

Contents <maximum>—Maximum wait time.
 <minimum>—Minimum wait time.

<reclaim-wait-time> (configuration/logical-systems/ routing-instances/instance/protocols/vpls/site/automatic-site-id)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <vpls>
            <site>
              <automatic-site-id>
                <reclaim-wait-time>
                  <minimum>milliseconds</minimum>    <!-- mandatory -->
                  <maximum>milliseconds</maximum>    <!-- mandatory -->
                </reclaim-wait-time>
              </automatic-site-id>
            </site>
          </vpls>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Time to wait for reclaiming a site identifier.

Contents <maximum>—Maximum wait time.
 <minimum>—Minimum wait time.

<reclaim-wait-time> (configuration/routing-instances/instance/protocols/l2vpn/site/automatic-site-id)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <l2vpn>
 <site>
 <automatic-site-id>
 <reclaim-wait-time>
 <minimum>*milliseconds*</minimum> <!-- mandatory -->
 <maximum>*milliseconds*</maximum> <!-- mandatory -->
 </reclaim-wait-time>
 </automatic-site-id>
 </site>
 </l2vpn>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Time to wait for reclaiming a site identifier.

Contents <maximum>—Maximum wait time.
 <minimum>—Minimum wait time.

<reclaim-wait-time> (configuration/routing-instances/instance/protocols/vpls/site/automatic-site-id)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <vpls>
          <site>
            <automatic-site-id>
              <reclaim-wait-time>
                <minimum>milliseconds</minimum>    <!-- mandatory -->
                <maximum>milliseconds</maximum>    <!-- mandatory -->
              </reclaim-wait-time>
            </automatic-site-id>
          </site>
        </vpls>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Time to wait for reclaiming a site identifier.

Contents <maximum>—Maximum wait time.

<minimum>—Minimum wait time.

<record-extension-attributes> (configuration/services/ggsn/charging/cdr-attribute)

Usage	<pre> <configuration> <services> <ggsn> <charging> <cdr-attribute> <record-extension-attributes> <user-category/> <bearer-control/> <service-based-charging>...</service-based-charging> <include-uri/> <include-redirect-info/> </record-extension-attributes> </cdr-attribute> </charging> </ggsn> </services> </configuration> </pre>
Description	Record extension CDR attributes.
Contents	<p><bearer-control>—Include bearer control.</p> <p><include-redirect-info>—Include redirect information.</p> <p><include-uri>—Include URI in CDRs for event-based packet inspection.</p> <p><service-based-charging>—Service-based charging CDR attributes.</p> <p><user-category>—Include user category.</p>

<red-buffer-occupancy> (configuration/chassis/fpc/pic)

Usage	<pre> <configuration> <chassis> <fpc> <pic> <red-buffer-occupancy> <weighted-averaged>...</weighted-averaged> </red-buffer-occupancy> </pic> </fpc> </chassis> </configuration> </pre>
Description	Computation type for RED buffer occupancy.
Contents	<weighted-averaged>—Weighted-average computation.

<red-buffer-occupancy> (configuration/chassis/lcc/fpc/pic)

Usage <configuration>
 <chassis>
 <lcc>
 <fpc>
 <pic>
 <red-buffer-occupancy>
 <weighted-averaged>...</weighted-averaged>
 </red-buffer-occupancy>
 </pic>
 </fpc>
 </lcc>
 </chassis>
 </configuration>

Description Computation type for RED buffer occupancy.

Contents <weighted-averaged>—Weighted-average computation.

<redirect> (configuration/services/ggsn/apn/service-based-charging/credit-control/ro-profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <ro-profile>
 <redirect>
 <append-uri/>
 <no-uri-formatting/>
 </redirect>
 </ro-profile>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Settings for redirect.

Contents <append-uri>—Append the request URL to the redirect URL.

<no-uri-formatting>—Do not format URL according to included formatting codes.

<redirect-map> (configuration/services/ggsn/rule-space)

Usage <configuration>
 <services>
 <ggsn>
 <rule-space>
 <redirect-map>
 <name>*name*</name> <!-- identifier -->
 <service-id>...</service-id> <!-- mandatory -->
 </redirect-map>
 </rule-space>
 </ggsn>
 </services>
 </configuration>

Description Mapping service identifiers to redirect sets.

Contents <name>—A redirect set.

<service-id>—Service identifier to redirect for the given redirect set.

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

Usage <configuration>
 <services>
 <ggsn>
 <service-set>
 <service-identification>
 <redirect-map>
 <name>*name*</name> <!-- identifier -->
 <service-id>...</service-id> <!-- mandatory -->
 </redirect-map>
 </service-identification>
 </service-set>
 </ggsn>
 </services>
 </configuration>

Description Mapping service identifiers to redirect sets.

Contents <name>—A redirect set.

<service-id>—Service identifier to redirect for the given redirect set.

<redirect-with-acknowledgement> (configuration/services/ggsn/rule-space)

Usage <configuration>
 <services>
 <ggsn>
 <rule-space>
 <redirect-with-acknowledgement>
 <acknowledgement-label>*acknowledgement-label*
 </acknowledgement-label>
 <remove-acknowledgement>...</remove-acknowledgement>
 </redirect-with-acknowledgement>
 </rule-space>
 </ggsn>
 </services>
 </configuration>

Description Settings for redirect with acknowledgement.

Contents <acknowledgement-label>—Acknowledgement label used to identify successful redirect with user acknowledgement.

 <remove-acknowledgement>—Settings for removal of acknowledgement parameter from request URI.

<redundancy> (configuration/chassis)

Usage <configuration>
 <chassis>
 <redundancy>
 <routing-engine>...</routing-engine>
 <ssb>...</ssb>
 <cfeb>...</cfeb>
 <sfm>...</sfm>
 <failover>...</failover>
 <keepalive-time>seconds</keepalive-time>
 <graceful-switchover>graceful-switchover</graceful-switchover>
 <feb>...</feb>
 </redundancy>
 </chassis>
 </configuration>

Description Redundancy settings.

Contents <cfeb>—Redundancy options for Compact Forwarding Engine Boards.

 <failover>—Failover to other Routing Engine.

 <feb>—Forwarding Engine Board redundancy configuration.

 <graceful-switchover>—Enable graceful switchover on supported hardware.

 <keepalive-time>—Time before Routing Engine failover.

 <routing-engine>—Redundancy options for Routing Engines.

 <sfm>—Redundancy options for Switching and Forwarding Modules.

 <ssb>—Redundancy options for System Switch Boards.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <container-options>
 <redundancy>
 <hold-time>...</hold-time>
 </redundancy>
 </container-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Container interface redundancy options.

Contents <hold-time>—Hold time for link up and link down.

<redundancy> (configuration/interfaces/interface/container-options)

Usage <configuration>
 <interfaces>
 <interface>
 <container-options>
 <redundancy>
 <hold-time>...</hold-time>
 </redundancy>
 </container-options>
 </interface>
 </interfaces>
 </configuration>

Description Container interface redundancy options.

Contents <hold-time>—Hold time for link up and link down.

<redundancy-group> (configuration/chassis/redundancy/feb)

Usage <configuration>
 <chassis>
 <redundancy>
 <feb>
 <redundancy-group>
 <name>*name*</name> <!-- identifier -->
 <description>*description*</description>
 <feb>...</feb>
 <no-auto-failover/>
 </redundancy-group>
 </feb>
 </redundancy>
 </chassis>
 </configuration>

Description No documentation is available yet.

Contents <description>—Text description of FEB redundancy group.
 <feb>—Redundancy settings for a Forwarding Engine Board.
 <name>—Name of FEB redundancy group.
 <no-auto-failover>—Disable automatic FEB failover.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <redundancy-options>
 <primary>*primary*</primary>
 <secondary>*secondary*</secondary>
 </redundancy-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Redundancy options.

Contents <primary>—Specify the primary interface.
 <secondary>—Specify the secondary interface.

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

Usage	<pre><configuration> <interfaces> <interface> <redundancy-options> <primary>primary</primary> <secondary>secondary</secondary> </redundancy-options> </interface> </interfaces> </configuration></pre>
Description	Redundancy options.
Contents	<p><primary>—Specify the primary interface.</p> <p><secondary>—Specify the secondary interface.</p>

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <redundant-ether-options>
 <redundancy-group>*redundancy-group*
 </redundancy-group> <!-- mandatory -->
 <loopback/>
 <flow-control/>
 <source-filtering/>
 <source-address-filter>...</source-address-filter>
 <link-speed>*link-speed-choice*</link-speed>
 </redundant-ether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Ethernet redundancy options.

Contents <flow-control>—Enable flow control.

<link-speed>—Link speed of individual interface that joins the RETH.

■ 100m—Links are 100M.

■ 10m—Links are 10M.

■ 1g—Links are 1 G.

<loopback>—Enable loopback.

<redundancy-group>—Redundancy group of this interface.

<source-address-filter>—Source address filters.

<source-filtering>—Enable source address filtering.

<redundant-ether-options> (configuration/interfaces/interface)

Usage <configuration>
 <interfaces>
 <interface>
 <redundant-ether-options>
 <redundancy-group>*redundancy-group*
 </redundancy-group> <!-- mandatory -->
 <loopback/>
 <flow-control/>
 <source-filtering/>
 <source-address-filter>...</source-address-filter>
 <link-speed>*link-speed-choice*</link-speed>
 </redundant-ether-options>
 </interface>
 </interfaces>
 </configuration>

Description Ethernet redundancy options.

Contents <flow-control>—Enable flow control.

<link-speed>—Link speed of individual interface that joins the RETH.

- 100m—Links are 100M.
- 10m—Links are 10M.
- 1g—Links are 1G.

<loopback>—Enable loopback.

<redundancy-group>—Redundancy group of this interface.

<source-address-filter>—Source address filters.

<source-filtering>—Enable source address filtering.

<redundant-parent> (configuration/dynamic-profiles/interfaces/interface/fastether-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <fastether-options>
 <redundant-parent>
 <parent>*parent*</parent> <!-- mandatory -->
 </redundant-parent>
 </fastether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Parent of this interface.

Contents <parent>—Join a redundant ethernet interface.

<redundant-parent> (configuration/dynamic-profiles/interfaces/interface/gigether-options)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <redundant-parent>
 <parent>*parent*</parent> <!-- mandatory -->
 </redundant-parent>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Parent of this interface.

Contents <parent>—Join a redundant ethernet interface.

<redundant-parent> (configuration/interfaces/interface/fastether-options)

Usage <configuration>
 <interfaces>
 <interface>
 <fastether-options>
 <redundant-parent>
 <parent>*parent*</parent> <!-- mandatory -->
 </redundant-parent>
 </fastether-options>
 </interface>
 </interfaces>
 </configuration>

Description Parent of this interface.

Contents <parent>—Join a redundant ethernet interface.

<redundant-parent> (configuration/interfaces/interface/gigether-options)

Usage <configuration>
 <interfaces>
 <interface>
 <gigether-options>
 <redundant-parent>
 <parent>*parent*</parent> <!-- mandatory -->
 </redundant-parent>
 </gigether-options>
 </interface>
 </interfaces>
 </configuration>

Description Parent of this interface.

Contents <parent>—Join a redundant ethernet interface.

<redundant-sources> (configuration/logical-systems/routing-instances/instance/routing-options/multicast/flow-map)

Usage `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <flow-map>
 <redundant-sources>
 <name>name</name> <!-- identifier -->
 </redundant-sources>
 </flow-map>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>`

Description Redundant source addresses.

Contents <name>—Redundant source addresses.

<redundant-sources> (configuration/logical-systems/routing-options/multicast/flow-map)

Usage `<configuration>
 <logical-systems>
 <routing-options>
 <multicast>
 <flow-map>
 <redundant-sources>
 <name>name</name> <!-- identifier -->
 </redundant-sources>
 </flow-map>
 </multicast>
 </routing-options>
 </logical-systems>
</configuration>`

Description Redundant source addresses.

Contents <name>—Redundant source addresses.

<redundant-sources> (configuration/routing-instances/instance/routing-options/multicast/flow-map)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <flow-map>
 <redundant-sources>
 <name>*name*</name> <!-- identifier -->
 </redundant-sources>
 </flow-map>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Redundant source addresses.

Contents <name>—Redundant source addresses.

<redundant-sources> (configuration/routing-options/multicast/flow-map)

Usage <configuration>
 <routing-options>
 <multicast>
 <flow-map>
 <redundant-sources>
 <name>*name*</name> <!-- identifier -->
 </redundant-sources>
 </flow-map>
 </multicast>
 </routing-options>
 </configuration>

Description Redundant source addresses.

Contents <name>—Redundant source addresses.

<reject> (configuration/firewall/family/inet/filter/term/then)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <then>
 <reject>
 <network-unreachable/>
 <host-unreachable/>
 <protocol-unreachable/>
 <port-unreachable/>
 <fragmentation-needed/>
 <source-route-failed/>
 <network-unknown/>
 <host-unknown/>
 <source-host-isolated/>
 <network-prohibited/>
 <host-prohibited/>
 <bad-network-tos/>
 <bad-host-tos/>
 <administratively-prohibited/>
 <precedence-violation/>
 <precedence-cutoff/>
 <tcp-reset/>
 </reject>
 </then>
 </term>
 </filter>
 </inet>
 </family>
</firewall>
</configuration>

Description Reject the packet.

Contents <administratively-prohibited>—Send ICMP Administratively Prohibited message.
 <bad-host-tos>—Send ICMP Bad Host ToS message.
 <bad-network-tos>—Send ICMP Bad Network ToS message.
 <fragmentation-needed>—Send ICMP Fragmentation Needed message.
 <host-prohibited>—Send ICMP Host Prohibited message.
 <host-unknown>—Send ICMP Host Unknown message.
 <host-unreachable>—Send ICMP Host Unreachable message.
 <network-prohibited>—Send ICMP Network Prohibited message.
 <network-unknown>—Send ICMP Network Unknown message.

<network-unreachable>—Send ICMP Network Unreachable message.

<port-unreachable>—Send ICMP Port Unreachable message.

<precedence-cutoff>—Send ICMP Precedence Cutoff message.

<precedence-violation>—Send ICMP Precedence Violation message.

<protocol-unreachable>—Send ICMP Protocol Unreachable message.

<source-host-isolated>—Send ICMP Source Host Isolated message.

<source-route-failed>—Send ICMP Source Route Failed message.

<tcp-reset>—Send TCP Reset message.

<reject> (configuration/firewall/family/inet6/filter/term/then)

Usage <configuration>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <then>
 <reject>
 <no-route/>
 <administratively-prohibited/>
 <beyond-scope/>
 <address-unreachable/>
 <port-unreachable/>
 <tcp-reset/>
 <fragmentation-needed/>
 </reject>
 </then>
 </term>
 </filter>
 </inet6>
 </family>
</firewall>
</configuration>

Description Reject the packet.

Contents <address-unreachable>—Send ICMPv6 Address Unreachable message.
 <administratively-prohibited>—Send ICMPv6 Administratively Prohibited message.
 <beyond-scope>—Send ICMPv6 Beyond Scope of Source Address message.
 <fragmentation-needed>—Send ICMPv4 Fragmentation Needed message.
 <no-route>—Send ICMPv6 No Route message.
 <port-unreachable>—Send ICMPv6 Port Unreachable message.
 <tcp-reset>—Send TCP Reset message.

<reject> (configuration/firewall/filter/term/then)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <then>
 <reject>
 <network-unreachable/>
 <host-unreachable/>
 <protocol-unreachable/>
 <port-unreachable/>
 <fragmentation-needed/>
 <source-route-failed/>
 <network-unknown/>
 <host-unknown/>
 <source-host-isolated/>
 <network-prohibited/>
 <host-prohibited/>
 <bad-network-tos/>
 <bad-host-tos/>
 <administratively-prohibited/>
 <precedence-violation/>
 <precedence-cutoff/>
 <tcp-reset/>
 </reject>
 </then>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Reject the packet.

Contents <administratively-prohibited>—Send ICMP Administratively Prohibited message.

<bad-host-tos>—Send ICMP Bad Host ToS message.

<bad-network-tos>—Send ICMP Bad Network ToS message.

<fragmentation-needed>—Send ICMP Fragmentation Needed message.

<host-prohibited>—Send ICMP Host Prohibited message.

<host-unknown>—Send ICMP Host Unknown message.

<host-unreachable>—Send ICMP Host Unreachable message.

<network-prohibited>—Send ICMP Network Prohibited message.

<network-unknown>—Send ICMP Network Unknown message.

<network-unreachable>—Send ICMP Network Unreachable message.

<port-unreachable>—Send ICMP Port Unreachable message.

<precedence-cutoff>—Send ICMP Precedence Cutoff message.

<precedence-violation>—Send ICMP Precedence Violation message.

<protocol-unreachable>—Send ICMP Protocol Unreachable message.

<source-host-isolated>—Send ICMP Source Host Isolated message.

<source-route-failed>—Send ICMP Source Route Failed message.

<tcp-reset>—Send TCP Reset message.

<reject> (configuration/logical-systems/firewall/family/inet/filter/term/then)

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <then>
                <reject>
                  <network-unreachable/>
                  <host-unreachable/>
                  <protocol-unreachable/>
                  <port-unreachable/>
                  <fragmentation-needed/>
                  <source-route-failed/>
                  <network-unknown/>
                  <host-unknown/>
                  <source-host-isolated/>
                  <network-prohibited/>
                  <host-prohibited/>
                  <bad-network-tos/>
                  <bad-host-tos/>
                  <administratively-prohibited/>
                  <precedence-violation/>
                  <precedence-cutoff/>
                  <tcp-reset/>
                </reject>
              </then>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Reject the packet.

Contents

- <administratively-prohibited>—Send ICMP Administratively Prohibited message.
- <bad-host-tos>—Send ICMP Bad Host ToS message.
- <bad-network-tos>—Send ICMP Bad Network ToS message.
- <fragmentation-needed>—Send ICMP Fragmentation Needed message.
- <host-prohibited>—Send ICMP Host Prohibited message.
- <host-unknown>—Send ICMP Host Unknown message.
- <host-unreachable>—Send ICMP Host Unreachable message.

<network-prohibited>—Send ICMP Network Prohibited message.

<network-unknown>—Send ICMP Network Unknown message.

<network-unreachable>—Send ICMP Network Unreachable message.

<port-unreachable>—Send ICMP Port Unreachable message.

<precedence-cutoff>—Send ICMP Precedence Cutoff message.

<precedence-violation>—Send ICMP Precedence Violation message.

<protocol-unreachable>—Send ICMP Protocol Unreachable message.

<source-host-isolated>—Send ICMP Source Host Isolated message.

<source-route-failed>—Send ICMP Source Route Failed message.

<tcp-reset>—Send TCP Reset message.

<reject> (configuration/logical-systems/firewall/family/inet6/filter/term/then)

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <then>
                <reject>
                  <no-route/>
                  <administratively-prohibited/>
                  <beyond-scope/>
                  <address-unreachable/>
                  <port-unreachable/>
                  <tcp-reset/>
                  <fragmentation-needed/>
                </reject>
              </then>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Reject the packet.

Contents

- <address-unreachable>—Send ICMPv6 Address Unreachable message.
- <administratively-prohibited>—Send ICMPv6 Administratively Prohibited message.
- <beyond-scope>—Send ICMPv6 Beyond Scope of Source Address message.
- <fragmentation-needed>—Send ICMPv4 Fragmentation Needed message.
- <no-route>—Send ICMPv6 No Route message.
- <port-unreachable>—Send ICMPv6 Port Unreachable message.
- <tcp-reset>—Send TCP Reset message.

<reject> (configuration/logical-systems/firewall/filter/term/then)

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <then>
 <reject>
 <network-unreachable/>
 <host-unreachable/>
 <protocol-unreachable/>
 <port-unreachable/>
 <fragmentation-needed/>
 <source-route-failed/>
 <network-unknown/>
 <host-unknown/>
 <source-host-isolated/>
 <network-prohibited/>
 <host-prohibited/>
 <bad-network-tos/>
 <bad-host-tos/>
 <administratively-prohibited/>
 <precedence-violation/>
 <precedence-cutoff/>
 <tcp-reset/>
 </reject>
 </then>
 </term>
 </filter>
 </firewall>
 </logical-systems>
</configuration>

Description Reject the packet.

Contents <administratively-prohibited>—Send ICMP Administratively Prohibited message.
 <bad-host-tos>—Send ICMP Bad Host ToS message.
 <bad-network-tos>—Send ICMP Bad Network ToS message.
 <fragmentation-needed>—Send ICMP Fragmentation Needed message.
 <host-prohibited>—Send ICMP Host Prohibited message.
 <host-unknown>—Send ICMP Host Unknown message.
 <host-unreachable>—Send ICMP Host Unreachable message.
 <network-prohibited>—Send ICMP Network Prohibited message.
 <network-unknown>—Send ICMP Network Unknown message.

<network-unreachable>—Send ICMP Network Unreachable message.

<port-unreachable>—Send ICMP Port Unreachable message.

<precedence-cutoff>—Send ICMP Precedence Cutoff message.

<precedence-violation>—Send ICMP Precedence Violation message.

<protocol-unreachable>—Send ICMP Protocol Unreachable message.

<source-host-isolated>—Send ICMP Source Host Isolated message.

<source-route-failed>—Send ICMP Source Route Failed message.

<tcp-reset>—Send TCP Reset message.

<relay-option-60> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/bridge-domains/domain/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/forwarding-options/dhcp-relay)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/forwarding-options/dhcp-relay)

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/forwarding-options/dhcp-relay/group)

Usage	<pre> <configuration> <logical-systems> <forwarding-options> <dhcp-relay> <group> <relay-option-60> <vendor-option>...</vendor-option> </relay-option-60> </group> </dhcp-relay> </forwarding-options> </logical-systems> </configuration> </pre>
Description	DHCP option-60 processing.
Contents	<vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <bridge-domains> <domain> <forwarding-options> <dhcp-relay> <relay-option-60> <vendor-option>...</vendor-option> </relay-option-60> </dhcp-relay> </forwarding-options> </domain> </bridge-domains> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	DHCP option-60 processing.
Contents	<vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/ routing-instances/instance/bridge-domains/domain/ forwarding-options/dhcp-relay/group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/ routing-instances/instance/forwarding-options/dhcp-relay)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/logical-systems/routing-instances/instance/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
</configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/routing-instances/instance/bridge-domains/domain/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <routing-instances>
 <instance>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </instance>
 </routing-instances>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/routing-instances/instance/forwarding-options/dhcp-relay)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

<relay-option-60> (configuration/routing-instances/instance/forwarding-options/dhcp-relay/group)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-60>
 <vendor-option>...</vendor-option>
 </relay-option-60>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description DHCP option-60 processing.

Contents <vendor-option>—Add vendor option.

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

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage <configuration>
 <bridge-domains>
 <domain>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <ircuit-id>...</ircuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </domain>
 </bridge-domains>
 </configuration>

Description DHCP option-82 processing.

Contents <ircuit-id>—Add circuit identifier.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <ircuit-id>...</ircuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP option-82 processing.

Contents <ircuit-id>—Add circuit identifier.

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

Usage <configuration>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage <configuration>
 <logical-systems>
 <forwarding-options>
 <dhcp-relay>
 <group>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </group>
 </dhcp-relay>
 </forwarding-options>
 </logical-systems>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

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

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

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

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

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

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

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

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

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

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <dhcp-relay>
 <relay-option-82>
 <circuit-id>...</circuit-id>
 </relay-option-82>
 </dhcp-relay>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description DHCP option-82 processing.

Contents <circuit-id>—Add circuit identifier.

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

Usage	<pre> <configuration> <routing-instances> <instance> <forwarding-options> <dhcp-relay> <group> <relay-option-82> <circuit-id>...</circuit-id> </relay-option-82> </group> </dhcp-relay> </forwarding-options> </instance> </routing-instances> </configuration> </pre>
Description	DHCP option-82 processing.
Contents	<circuit-id>—Add circuit identifier.

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

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <family> <tcc> <remote> <inet-address><i>inet-address</i></inet-address> <mac-address><i>mac-address</i></mac-address> </remote> </tcc> </family> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	No documentation is available yet.
Contents	<p><inet-address>—Remote host address on Ethernet side of Ethernet TCC.</p> <p><mac-address>—Remote host MAC address on Ethernet side of Ethernet TCC.</p>

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

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <remote>
 <inet-address>*inet-address*</inet-address>
 <mac-address>*mac-address*</mac-address>
 </remote>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description No documentation is available yet.

Contents <inet-address>—Remote host address on Ethernet side of Ethernet TCC.

<mac-address>—Remote host MAC address on Ethernet side of Ethernet TCC.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <tcc>
 <remote>
 <inet-address>*inet-address*</inet-address>
 <mac-address>*mac-address*</mac-address>
 </remote>
 </tcc>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description No documentation is available yet.

Contents <inet-address>—Remote host address on Ethernet side of Ethernet TCC.

<mac-address>—Remote host MAC address on Ethernet side of Ethernet TCC.

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

Usage <configuration>
 <snmp>
 <v3>
 <usm>
 <remote-engine>
 <name>name</name> <!-- identifier -->
 <user>...</user>
 </remote-engine>
 </usm>
 </v3>
 </snmp>
</configuration>

Description Remote engine user configuration.

Contents <name>—Remote engine id.
 <user>—SNMPv3 USM user information.

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

Usage <configuration>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>
 <remote-id>
 <name>name</name> <!-- identifier -->
 <range>range</range> <!-- mandatory -->
 </remote-id>
 </option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
</configuration>

Description Remote ID portion of the option 82.

Contents <name>—No documentation is available yet.
 <range>—Range name.

<remote-id> (configuration/forwarding-options/helpers/bootp/dhcp-option82)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <dhcp-option82>
 <remote-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-string>*use-string*</use-string>
 </remote-id>
 </dhcp-option82>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- hostname—Set hostname as the prefix.
- mac—Set chassis MAC as the prefix.
- none—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

<remote-id> (configuration/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <dhcp-option82>
 <remote-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-string>*use-string*</use-string>
 </remote-id>
 </dhcp-option82>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- **hostname**—Set hostname as the prefix.
- **mac**—Set chassis MAC as the prefix.
- **none**—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

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

Usage <configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <option-match>
 <option-82>
 <remote-id>
 <name>*name*</name> <!-- identifier -->
 <range>*range*</range> <!-- mandatory -->
 </remote-id>
 </option-82>
 </option-match>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
 </configuration>

Description Remote ID portion of the option 82.

Contents <name>—No documentation is available yet.

 <range>—Range name.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <access>
          <address-assignment>
            <pool>
              <family>
                <inet>
                  <dhcp-attributes>
                    <option-match>
                      <option-82>
                        <remote-id>
                          <name>name</name>      <!-- identifier -->
                          <range>range</range>    <!-- mandatory -->
                        </remote-id>
                      </option-82>
                    </option-match>
                  </dhcp-attributes>
                </inet>
              </family>
            </pool>
          </address-assignment>
        </access>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Remote ID portion of the option 82.

Contents <name>—No documentation is available yet.

<range>—Range name.

<remote-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/dhcp-option82)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <dhcp-option82>
                <remote-id>
                  <prefix>prefix-choice</prefix>
                  <use-interface-description/>
                  <use-string>use-string</use-string>
                </remote-id>
              </dhcp-option82>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- hostname—Set hostname as the prefix.
- mac—Set chassis MAC as the prefix.
- none—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

<remote-id> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <interface>
                <dhcp-option82>
                  <remote-id>
                    <prefix>prefix-choice</prefix>
                    <use-interface-description/>
                    <use-string>use-string</use-string>
                  </remote-id>
                </dhcp-option82>
              </interface>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- hostname—Set hostname as the prefix.
- mac—Set chassis MAC as the prefix.
- none—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <dhcp-attributes>
                  <option-match>
                    <option-82>
                      <remote-id>
                        <name>name</name>    <!-- identifier -->
                        <range>range</range>  <!-- mandatory -->
                      </remote-id>
                    </option-82>
                  </option-match>
                </dhcp-attributes>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>

```

Description Remote ID portion of the option 82.

Contents <name>—No documentation is available yet.

<range>—Range name.

<remote-id> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/dhcp-option82)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <dhcp-option82>
              <remote-id>
                <prefix>prefix-choice</prefix>
                <use-interface-description/>
                <use-string>use-string</use-string>
              </remote-id>
            </dhcp-option82>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- hostname—Set hostname as the prefix.
- mac—Set chassis MAC as the prefix.
- none—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

<remote-id> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/interface/dhcp-option82)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <dhcp-option82>
 <remote-id>
 <prefix>*prefix-choice*</prefix>
 <use-interface-description/>
 <use-string>*use-string*</use-string>
 </remote-id>
 </dhcp-option82>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Configure DHCP option 82 remote id.

Contents <prefix>—Configure DHCP option 82 remote id prefix.

- **hostname**—Set hostname as the prefix.
- **mac**—Set chassis MAC as the prefix.
- **none**—Set no prefix.

<use-interface-description>—Use interface description instead of name.

<use-string>—Use raw string instead of the default remote id.

<remote-id> (configuration/services/ipsec-vpn/ike/policy)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <ike>
 <policy>
 <remote-id>
 <any-remote-id/>
 <ipv4_addr>...</ipv4_addr>
 <fqdn>...</fqdn>
 <key-id>...</key-id>
 <ipv6-addr>...</ipv6-addr>
 </remote-id>
 </policy>
 </ike>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define remote identification.

Contents <any-remote-id>—Allow any remote ID.

<fqdn>—One or more fully qualified domain name values.

<ipv4_addr>—One or more IPv4 address identification values.

<ipv6-addr>—One or more IPv6 address identification values.

<key-id>—One or more key ID identification values.

<remote-interface-switch> (configuration/logical-systems/protocols/connections)

Usage	<pre> <configuration> <logical-systems> <protocols> <connections> <remote-interface-switch> <name>name</name> <!-- identifier --> <interface>interface</interface> <!-- mandatory --> <transmit-lsp>transmit-lsp</transmit-lsp> <!-- mandatory --> <receive-lsp>receive-lsp</receive-lsp> <!-- mandatory --> </remote-interface-switch> </connections> </protocols> </logical-systems> </configuration> </pre>
Description	Bidirectional switch between a local and a remote interface.
Contents	<p><interface>—Local interface name.</p> <p><name>—Name of remote interface switch.</p> <p><receive-lsp>—Name of incoming label-switched path.</p> <p><transmit-lsp>—Name of outgoing label-switched path.</p>

<remote-interface-switch> (configuration/protocols/connections)

Usage	<pre> <configuration> <protocols> <connections> <remote-interface-switch> <name>name</name> <!-- identifier --> <interface>interface</interface> <!-- mandatory --> <transmit-lsp>transmit-lsp</transmit-lsp> <!-- mandatory --> <receive-lsp>receive-lsp</receive-lsp> <!-- mandatory --> </remote-interface-switch> </connections> </protocols> </configuration> </pre>
Description	Bidirectional switch between a local and a remote interface.
Contents	<p><interface>—Local interface name.</p> <p><name>—Name of remote interface switch.</p> <p><receive-lsp>—Name of incoming label-switched path.</p> <p><transmit-lsp>—Name of outgoing label-switched path.</p>

<remote-mep> (configuration/logical-systems/protocols/oam/ethernet/connectivity-fault-management/maintenance-domain/maintenance-association/mep)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <oam>
        <ethernet>
          <connectivity-fault-management>
            <maintenance-domain>
              <maintenance-association>
                <mep>
                  <remote-mep>
                    <name>name</name>    <!-- identifier -->
                    <action-profile>action-profile</action-profile>
                  </remote-mep>
                </mep>
              </maintenance-association>
            </maintenance-domain>
          </connectivity-fault-management>
        </ethernet>
      </oam>
    </protocols>
  </logical-systems>
</configuration>

```

Description Remote maintenance association endpoint configuration.

Contents <action-profile>—Name of the action profile.

<name>—Identifier for remote maintenance association endpoint.

<remote-mep> (configuration/protocols/oam/ethernet/connectivity-fault-management/maintenance-domain/maintenance-association/mep)

Usage <configuration>
 <protocols>
 <oam>
 <ethernet>
 <connectivity-fault-management>
 <maintenance-domain>
 <maintenance-association>
 <mep>
 <remote-mep>
 <name>*name*</name> <!-- identifier -->
 <action-profile>*action-profile*</action-profile>
 </remote-mep>
 </mep>
 </maintenance-association>
 </maintenance-domain>
 </connectivity-fault-management>
 </ethernet>
 </oam>
 </protocols>
 </configuration>

Description Remote maintenance association endpoint configuration.

Contents <action-profile>—Name of the action profile.

<name>—Identifier for remote maintenance association endpoint.

<remove-acknowledgement> (configuration/services/ggsn/rule-space/redirect-with-acknowledgement)

Usage	<pre> <configuration> <services> <ggsn> <rule-space> <redirect-with-acknowledgement> <remove-acknowledgement> <remove-for-service-identifiers>...</remove-for-service-identifiers> <no-remove-for-service-identifiers>...</no-remove-for-service-identifiers> </remove-acknowledgement> </redirect-with-acknowledgement> </rule-space> </ggsn> </services> </configuration> </pre>
Description	Settings for removal of acknowledgement parameter from request URI.
Contents	<p><no-remove-for-service-identifiers>—Do not remove acknowledgement parameter for Service identifiers.</p> <p><remove-for-service-identifiers>—Remove acknowledgement parameter for Service identifiers.</p>

<remove-for-service-identifiers> (configuration/services/ggsn/rule-space/redirect-with-acknowledgement/remove-acknowledgement)

Usage	<pre> <configuration> <services> <ggsn> <rule-space> <redirect-with-acknowledgement> <remove-acknowledgement> <remove-for-service-identifiers> <name>name</name> <!-- identifier --> </remove-for-service-identifiers> </remove-acknowledgement> </redirect-with-acknowledgement> </rule-space> </ggsn> </services> </configuration> </pre>
Description	Remove acknowledgement parameter for Service identifiers.
Contents	<name>—Remove acknowledgement parameter for Service identifiers.

<renew> (configuration/system/license)

Usage <configuration>
 <system>
 <license>
 <renew>
 <before-expiration>*before-expiration*</before-expiration> <!-- mandatory -->
 <interval>*interval*</interval> <!-- mandatory -->
 </renew>
 </license>
 </system>
 </configuration>

Description License renew lead time and checking interval.

Contents <before-expiration>—License renew lead time before expiration in days.
 <interval>—License checking interval in hours.

<replay-method> (configuration/services/mobile-ip/peer/ip-address/spi)

Usage <configuration>
 <services>
 <mobile-ip>
 <peer>
 <ip-address>
 <spi>
 <replay-method>
 <timestamp>...</timestamp>
 <none/>
 </replay-method>
 </spi>
 </ip-address>
 </peer>
 </mobile-ip>
 </services>
 </configuration>

Description Replay protection method.

Contents <none>—No replay protection.
 <timestamp>—Replay protection method based on timestamp.

<replay-method> (configuration/services/mobile-ip/peer/nai/spi)

Usage <configuration>
 <services>
 <mobile-ip>
 <peer>
 <nai>
 <spi>
 <replay-method>
 <timestamp>...</timestamp>
 <none/>
 </replay-method>
 </spi>
 </nai>
 </peer>
 </mobile-ip>
 </services>
 </configuration>

Description Replay protection method.

Contents <none>—No replay protection.

<timestamp>—Replay protection method based on timestamp.

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

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <data-inactivity-detection>
 <report-service-change>
 <service-change-type>service-change-type-choice
 </service-change-type> <!-- mandatory -->
 </report-service-change>
 </data-inactivity-detection>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description Configure the data-inactivity service-change behavior.

Contents <service-change-type>—Configure the service-change type to be sent upon data-inactivity.

■ forced-906—Send FO/906 service change.

■ forced-910—Send FO/910 service change.

<request-quota> (configuration/services/ggsn/apn/service-based-charging/credit-control/profile)

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <credit-control>
 <profile>
 <request-quota>
 <best-effort>...</best-effort>
 <conversational>...</conversational>
 <interactive>...</interactive>
 <streaming>...</streaming>
 </request-quota>
 </profile>
 </credit-control>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Proposed quota to request.

Contents <best-effort>—Quota settings for best effort traffic.
 <conversational>—Quota settings for conversational traffic.
 <interactive>—Quota settings for interactive traffic.
 <streaming>—Quota settings for streaming traffic.

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

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <sip-rule>
          <term>
            <from>
              <sip>
                <request-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>
              </request-uri>
            </sip>
          </from>
        </term>
      </sip-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.

<required-depth> (configuration/dynamic-profiles/interfaces/ interface/atm-options/mpls/pop-all-labels)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <atm-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </atm-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/dynamic-profiles/interfaces/ interface/fastether-options/mpls/pop-all-labels)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <fastether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </fastether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/dynamic-profiles/interfaces/interface/gigether-options/mpls/pop-all-labels)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <gigether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </gigether-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/dynamic-profiles/interfaces/interface/sonet-options/mpls/pop-all-labels)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <sonet-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </sonet-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/interfaces/interface/atm-options/mpls/pop-all-labels)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/interfaces/interface/fastether-options/mpls/pop-all-labels)

Usage <configuration>
 <interfaces>
 <interface>
 <fastether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>*name*</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </fastether-options>
 </interface>
 </interfaces>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/interfaces/interface/gigether-options/mpls/pop-all-labels)

Usage <configuration>
 <interfaces>
 <interface>
 <gigether-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>name</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </gigether-options>
 </interface>
 </interfaces>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

<required-depth> (configuration/interfaces/interface/sonet-options/mpls/pop-all-labels)

Usage <configuration>
 <interfaces>
 <interface>
 <sonet-options>
 <mpls>
 <pop-all-labels>
 <required-depth>
 <name>name</name> <!-- identifier -->
 </required-depth>
 </pop-all-labels>
 </mpls>
 </sonet-options>
 </interface>
 </interfaces>
 </configuration>

Description Required label depth of packet to pop all labels.

Contents <name>—Required label depth of packet to pop all labels.

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

Usage	<pre> <configuration> <logical-systems> <routing-instances> <instance> <routing-options> <resolution> <tracefilter>...</tracefilter> <traceoptions>...</traceoptions> <rib>...</rib> </resolution> </routing-options> </instance> </routing-instances> </logical-systems> </configuration> </pre>
Description	Route next-hop resolution options.
Contents	<p><rib>—Routing table resolution options.</p> <p><tracefilter>—Filter policy.</p> <p><traceoptions>—Trace options.</p>

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

Usage	<pre> <configuration> <logical-systems> <routing-options> <resolution> <tracefilter>...</tracefilter> <traceoptions>...</traceoptions> <rib>...</rib> </resolution> </routing-options> </logical-systems> </configuration> </pre>
Description	Route next-hop resolution options.
Contents	<p><rib>—Routing table resolution options.</p> <p><tracefilter>—Filter policy.</p> <p><traceoptions>—Trace options.</p>

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

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <resolution> <tracefilter>...</tracefilter> <traceoptions>...</traceoptions> <rib>...</rib> </resolution> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Route next-hop resolution options.
Contents	<p><rib>—Routing table resolution options.</p> <p><tracefilter>—Filter policy.</p> <p><traceoptions>—Trace options.</p>

<resolution> (configuration/routing-options)

Usage	<pre> <configuration> <routing-options> <resolution> <tracefilter>...</tracefilter> <traceoptions>...</traceoptions> <rib>...</rib> </resolution> </routing-options> </configuration> </pre>
Description	Route next-hop resolution options.
Contents	<p><rib>—Routing table resolution options.</p> <p><tracefilter>—Filter policy.</p> <p><traceoptions>—Trace options.</p>

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <resolution>
 <rib>
 <resolution-ribs>
 <name>*name*</name> <!-- identifier -->
 </resolution-ribs>
 </rib>
 </resolution>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Routing tables to use for resolution.

Contents <name>—Routing tables to use for resolution.

<resolution-ribs> (configuration/logical-systems/ routing-options/resolution/rib)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <resolution>
 <rib>
 <resolution-ribs>
 <name>*name*</name> <!-- identifier -->
 </resolution-ribs>
 </rib>
 </resolution>
 </routing-options>
 </logical-systems>
</configuration>

Description Routing tables to use for resolution.

Contents <name>—Routing tables to use for resolution.

<resolution-ribs> (configuration/routing-instances/instance/routing-options/resolution/rib)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <resolution>
 <rib>
 <resolution-ribs>
 <name>name</name> <!-- identifier -->
 </resolution-ribs>
 </rib>
 </resolution>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing tables to use for resolution.

Contents <name>—Routing tables to use for resolution.

<resolution-ribs> (configuration/routing-options/resolution/rib)

Usage <configuration>
 <routing-options>
 <resolution>
 <rib>
 <resolution-ribs>
 <name>name</name> <!-- identifier -->
 </resolution-ribs>
 </rib>
 </resolution>
 </routing-options>
 </configuration>

Description Routing tables to use for resolution.

Contents <name>—Routing tables to use for resolution.

<resource-cleanup> (configuration/system/processes)

- Usage** <configuration>
 <system>
 <processes>
 <resource-cleanup>
 <disable/>
 <traceoptions>...</traceoptions>
 </resource-cleanup>
 </processes>
 </system>
 </configuration>
- Description** Resource cleanup process.
- Contents** <disable>—Disable Resource cleanup process.
 <traceoptions>—Resource cleanup process trace options.

<resource-identification> (configuration/services/ggsn/apn/service-based-charging)

- Usage** <configuration>
 <services>
 <ggsn>
 <apn>
 <service-based-charging>
 <resource-identification>
 <service-set>service-set</service-set>
 </resource-identification>
 </service-based-charging>
 </apn>
 </ggsn>
 </services>
 </configuration>
- Description** Resource identification service settings.
- Contents** <service-set>—Resource identification service set for APN.

<response-code> (configuration/services/ggsn/service-identification/sip-rule/term/from/sip)

Usage

```

<configuration>
  <services>
    <ggsn>
      <service-identification>
        <sip-rule>
          <term>
            <from>
              <sip>
                <response-code>
                  <is>...</is>
                </response-code>
              </sip>
            </from>
          </term>
        </sip-rule>
      </service-identification>
    </ggsn>
  </services>
</configuration>

```

Description Response code settings.

Contents <is>—Exact match.

<restricted-queues> (configuration/class-of-service)

Usage

```

<configuration>
  <class-of-service>
    <restricted-queues>
      <forwarding-class>...</forwarding-class>
    </restricted-queues>
  </class-of-service>
</configuration>

```

Description Map forwarding classes to restricted queues.

Contents <forwarding-class>—Forwarding class to map to a restricted queue.

<restricted-queues> (configuration/dynamic-profiles/class-of-service)

- Usage** `<configuration>
 <dynamic-profiles>
 <class-of-service>
 <restricted-queues>
 <forwarding-class>...</forwarding-class>
 </restricted-queues>
 </class-of-service>
 </dynamic-profiles>
</configuration>`
- Description** Map forwarding classes to restricted queues.
- Contents** `<forwarding-class>`—Forwarding class to map to a restricted queue.

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

- Usage** `<configuration>
 <event-options>
 <policy>
 <then>
 <event-script>
 <destination>
 <retry-count>
 <retry>retry</retry> <!-- mandatory -->
 <retry-interval>seconds</retry-interval> <!-- mandatory -->
 </retry-count>
 </destination>
 </event-script>
 </then>
 </policy>
 </event-options>
</configuration>`
- Description** Upload output-filename retry attempt count.
- Contents** `<retry>`—Number of retry attempts.
- `<retry-interval>`—Time interval between each retry.

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

Usage <configuration>
 <event-options>
 <policy>
 <then>
 <execute-commands>
 <destination>
 <retry-count>
 <retry>retry</retry> <!-- mandatory -->
 <retry-interval>seconds</retry-interval> <!-- mandatory -->
 </retry-count>
 </destination>
 </execute-commands>
 </then>
 </policy>
 </event-options>
</configuration>

Description Upload output-filename retry attempt count.

Contents <retry>—Number of retry attempts.

<retry-interval>—Time interval between each retry.

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

Usage <configuration>
 <event-options>
 <policy>
 <then>
 <upload>
 <retry-count>
 <retry>retry</retry> <!-- mandatory -->
 <retry-interval>seconds</retry-interval> <!-- mandatory -->
 </retry-count>
 </upload>
 </then>
 </policy>
 </event-options>
</configuration>

Description Upload output-filename retry attempt count.

Contents <retry>—Number of retry attempts.

<retry-interval>—Time interval between each retry.

<retry-options> (configuration/system/login)

Usage <configuration>
 <system>
 <login>
 <retry-options>
 <tries-before-disconnect>*tries-before-disconnect*</tries-before-disconnect>
 <backoff-threshold>*backoff-threshold*</backoff-threshold>
 <backoff-factor>*backoff-factor*</backoff-factor>
 <minimum-time>*minimum-time*</minimum-time>
 </retry-options>
 </login>
 </system>
 </configuration>

Description Configure password retry options.

Contents <backoff-factor>—Delay factor after 'backoff-threshold' password failures.
 <backoff-threshold>—Number of password failures before delay is introduced.
 <minimum-time>—Minimum total connection time if all attempts fail.
 <tries-before-disconnect>—Number of times user is allowed to try password.

<reverse> (configuration/services/cos/rule/term/then)

Usage	<pre> <configuration> <services> <cos> <rule> <term> <then> <reverse> <dscp>dscp</dscp> <forwarding-class>forwarding-class</forwarding-class> <application-profile>application-profile</application-profile> <syslog/> </reverse> </then> </term> </rule> </cos> </services> </configuration> </pre>
Description	CoS treatment for reverse traffic.
Contents	<p><application-profile>—CoS application profile.</p> <p><dscp>—Code point alias or bit string.</p> <p><forwarding-class>—Forwarding class assigned to outgoing packets.</p> <p><syslog>—System log information about the packet.</p>

<reverse-flow> (configuration/services/service-set/service-order)

Usage	<pre> <configuration> <services> <service-set> <service-order> <reverse-flow> <name>name</name> <!-- identifier --> </reverse-flow> </service-order> </service-set> </services> </configuration> </pre>
Description	Service Order for reverse flow.
Contents	<name>—Service Name.

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

- Usage** `<configuration>
 <security>
 <pki>
 <ca-profile>
 <revocation-check>
 <disable/>
 <crl>...</crl>
 </revocation-check>
 </ca-profile>
 </pki>
 </security>
</configuration>`
- Description** Method for checking certificate revocations.
- Contents** `<crl>`—Certificate revocation list configuration.
`<disable>`—Disable revocation check.

<rewrite-rules> (configuration/class-of-service)

- Usage** `<configuration>
 <class-of-service>
 <rewrite-rules>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <frame-relay-de>...</frame-relay-de>
 <ieee-802.1ad>...</ieee-802.1ad>
 </rewrite-rules>
 </class-of-service>
</configuration>`
- Description** Write code point value of outgoing packets.
- Contents** `<dscp>`—Differentiated Services code point rewrite rule.
`<dscp-ipv6>`—Differentiated Services code point rewrite rule IPv6.
`<exp>`—MPLS EXP rewrite rule.
`<frame-relay-de>`—Frame relay discard eligible bit rewrite rule.
`<ieee-802.1>`—IEEE-802.1 rewrite rule.
`<ieee-802.1ad>`—IEEE-802.1ad (DEI) rewrite rule.
`<inet-precedence>`—IPv4 precedence rewrite rule.

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

Usage

```

<configuration>
  <class-of-service>
    <interfaces>
      <interface>
        <unit>
          <rewrite-rules>
            <dscp>...</dscp>
            <dscp-ipv6>...</dscp-ipv6>
            <exp>...</exp>
            <ieee-802.1>...</ieee-802.1>
            <inet-precedence>...</inet-precedence>
            <exp-swap-push-push>...</exp-swap-push-push>
            <exp-push-push-push>...</exp-push-push-push>
            <frame-relay-de>...</frame-relay-de>
            <ieee-802.1ad>...</ieee-802.1ad>
          </rewrite-rules>
        </unit>
      </interface>
    </interfaces>
  </class-of-service>
</configuration>

```

Description Rewrite rules applied to outgoing packets.

Contents <dscp>—Differentiated Services code point rewrite rule.

<dscp-ipv6>—Differentiated Services code point rewrite rule IPv6.

<exp>—EXP rewrite rule.

<exp-push-push-push>—Top-label EXP rewrite rule for push-push-push operation.

<exp-swap-push-push>—Copy incoming EXP into all swap-push-push labels.

<frame-relay-de>—Frame relay discard eligible bit rewrite rule.

<ieee-802.1>—IEEE-802.1 rewrite rule.

<ieee-802.1ad>—IEEE-802.1ad (DEI) rewrite rule.

<inet-precedence>—IPv4 precedence rewrite rule.

<rewrite-rules> (configuration/dynamic-profiles/class-of-service)

Usage <configuration>
 <dynamic-profiles>
 <class-of-service>
 <rewrite-rules>
 <dscp>...</dscp>
 <dscp-ipv6>...</dscp-ipv6>
 <exp>...</exp>
 <ieee-802.1>...</ieee-802.1>
 <inet-precedence>...</inet-precedence>
 <frame-relay-de>...</frame-relay-de>
 <ieee-802.1ad>...</ieee-802.1ad>
 </rewrite-rules>
 </class-of-service>
 </dynamic-profiles>
 </configuration>

Description Write code point value of outgoing packets.

Contents <dscp>—Differentiated Services code point rewrite rule.
 <dscp-ipv6>—Differentiated Services code point rewrite rule IPv6.
 <exp>—MPLS EXP rewrite rule.
 <frame-relay-de>—Frame relay discard eligible bit rewrite rule.
 <ieee-802.1>—IEEE-802.1 rewrite rule.
 <ieee-802.1ad>—IEEE-802.1ad (DEI) rewrite rule.
 <inet-precedence>—IPv4 precedence rewrite rule.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <class-of-service>
      <interfaces>
        <interface>
          <unit>
            <rewrite-rules>
              <dscp>...</dscp>
              <dscp-ipv6>...</dscp-ipv6>
              <exp>...</exp>
              <ieee-802.1>...</ieee-802.1>
              <inet-precedence>...</inet-precedence>
              <exp-swap-push-push>...</exp-swap-push-push>
              <exp-push-push-push>...</exp-push-push-push>
              <frame-relay-de>...</frame-relay-de>
              <ieee-802.1ad>...</ieee-802.1ad>
            </rewrite-rules>
          </unit>
        </interface>
      </interfaces>
    </class-of-service>
  </dynamic-profiles>
</configuration>

```

Description Rewrite rules applied to outgoing packets.

Contents

- <dscp>—Differentiated Services code point rewrite rule.
- <dscp-ipv6>—Differentiated Services code point rewrite rule IPv6.
- <exp>—EXP rewrite rule.
- <exp-push-push-push>—Top-label EXP rewrite rule for push-push-push operation.
- <exp-swap-push-push>—Copy incoming EXP into all swap-push-push labels.
- <frame-relay-de>—Frame relay discard eligible bit rewrite rule.
- <ieee-802.1>—IEEE-802.1 rewrite rule.
- <ieee-802.1ad>—IEEE-802.1ad (DEI) rewrite rule.
- <inet-precedence>—IPv4 precedence rewrite rule.

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

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

Description RFI-L defect trigger.

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

<ignore>—Ignore the defect.

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

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

Description RFI-L defect trigger.

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

<ignore>—Ignore the defect.

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

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

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

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

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <labeled-unicast>
                    <rib>
                      <inet.3/>
                    </rib>
                  </labeled-unicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <name>*name*</name> <!-- identifier -->
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 </rib>
 </routing-options>
</instance>
</routing-instances>
</logical-systems>
</configuration>

Description Routing table options.

Contents <aggregate>—Coalesced routes.
 <generate>—Route of last resort.
 <martians>—Invalid routes.
 <maximum-paths>—Maximum number of paths.
 <maximum-prefixes>—Maximum number of prefixes.
 <multipath>—Protocol-independent load balancing.
 <name>—Routing table name.
 <static>—Static routes.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <resolution>
 <rib>
 <name>*name*</name> <!-- identifier -->
 <resolution-ribs>...</resolution-ribs>
 <import>...</import>
 </rib>
 </resolution>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table resolution options.

Contents <import>—Import policy.

 <name>—Routing table name.

 <resolution-ribs>—Routing tables to use for resolution.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <rib>
 <name>*name*</name> <!-- identifier -->
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 </rib>
 </routing-options>
 </logical-systems>
 </configuration>

Description Routing table options.

Contents <aggregate>—Coalesced routes.
 <generate>—Route of last resort.
 <martians>—Invalid routes.
 <maximum-paths>—Maximum number of paths.
 <maximum-prefixes>—Maximum number of prefixes.
 <multipath>—Protocol-independent load balancing.
 <name>—Routing table name.
 <static>—Static routes.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <resolution>
 <rib>
 <name>name</name> <!-- identifier -->
 <resolution-ribs>...</resolution-ribs>
 <import>...</import>
 </rib>
 </resolution>
 </routing-options>
 </logical-systems>
 </configuration>

Description Routing table resolution options.

Contents <import>—Import policy.

 <name>—Routing table name.

 <resolution-ribs>—Routing tables to use for resolution.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib>
 <inet.3/>
 </rib>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Select table used by labeled unicast routes.

Contents <inet.3>—Use inet.3 to exchange labeled unicast routes.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <name>name</name> <!-- identifier -->
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table options.

Contents <aggregate>—Coalesced routes.
 <generate>—Route of last resort.
 <martians>—Invalid routes.
 <maximum-paths>—Maximum number of paths.
 <maximum-prefixes>—Maximum number of prefixes.
 <multipath>—Protocol-independent load balancing.
 <name>—Routing table name.
 <static>—Static routes.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <resolution>
 <rib>
 <name>*name*</name> <!-- identifier -->
 <resolution-ribs>...</resolution-ribs>
 <import>...</import>
 </rib>
 </resolution>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table resolution options.

Contents <import>—Import policy.

 <name>—Routing table name.

 <resolution-ribs>—Routing tables to use for resolution.

<rib> (configuration/routing-options)

Usage <configuration>
 <routing-options>
 <rib>
 <name>name</name> <!-- identifier -->
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 </rib>
 </routing-options>
 </configuration>

Description Routing table options.

Contents <aggregate>—Coalesced routes.
 <generate>—Route of last resort.
 <martians>—Invalid routes.
 <maximum-paths>—Maximum number of paths.
 <maximum-prefixes>—Maximum number of prefixes.
 <multipath>—Protocol-independent load balancing.
 <name>—Routing table name.
 <static>—Static routes.

<rib> (configuration/routing-options/resolution)

Usage <configuration>
 <routing-options>
 <resolution>
 <rib>
 <name>*name*</name> <!-- identifier -->
 <resolution-ribs>...</resolution-ribs>
 <import>...</import>
 </rib>
 </resolution>
 </routing-options>
 </configuration>

Description Routing table resolution options.

Contents <import>—Import policy.
 <name>—Routing table name.
 <resolution-ribs>—Routing tables to use for resolution.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet-mvpn>
            <signaling>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </signaling>
          </inet-mvpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet-vpn>
            <any>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </any>
          </inet-vpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet-vpn>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </inet-vpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet6>
            <any>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </any>
          </inet6>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet6>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </inet6>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet6-mvpn>
            <signaling>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </signaling>
          </inet6-mvpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <inet6-vpn>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </inet6-vpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <family>
          <iso-vpn>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </iso-vpn>
        </family>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/family/l2vpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet>
              <multicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </multicast>
            </inet>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/family/inet-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet-vpn>
              <flow>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </flow>
            </inet-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet-vpn>
              <unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </unicast>
            </inet-vpn>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <inet6>
              <unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </unicast>
            </inet6>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet6-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/family/l2vpn/signaling)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-mvpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </inet-mvpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <labeled-unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </labeled-unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet6>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/neighbor/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-mvpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </inet6-mvpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <any>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </any>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <inet6-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet6-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <iso-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </iso-vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/bgp/group/neighbor/family/l2vpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <neighbor>
            <family>
              <l2vpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </l2vpn>
            </family>
          </neighbor>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/dvmrp)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <dvmrp>
        <rib-group>
          <ribgroup-name>ribgroup-name</ribgroup-name>    <!-- mandatory -->
        </rib-group>
      </dvmrp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/protocols/isis)

- Usage** `<configuration>`
 `<logical-systems>`
 `<protocols>`
 `<isis>`
 <rib-group>
 `<inet>inet</inet>`
 `<inet6>inet6</inet6>`
 </rib-group>
 `</isis>`
 `</protocols>`
 `</logical-systems>`
 `</configuration>`
- Description** Routing table group for importing IS-IS routes.
- Contents** `<inet>`—Name of the IPv4 routing table group.
 `<inet6>`—Name of the IPv6 routing table group.

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

- Usage** `<configuration>`
 `<logical-systems>`
 `<protocols>`
 `<msdp>`
 <rib-group>
 `<ribgroup-name>ribgroup-name</ribgroup-name>` `<!-- mandatory -->`
 </rib-group>
 `</msdp>`
 `</protocols>`
 `</logical-systems>`
 `</configuration>`
- Description** Routing table group.
- Contents** `<ribgroup-name>`—Name of the routing table group.

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

- Usage** `<configuration>
 <logical-systems>
 <protocols>
 <pim>
 <rib-group>
 <inet>inet</inet>
 <inet6>inet6</inet6>
 </rib-group>
 </pim>
 </protocols>
 </logical-systems>
</configuration>`
- Description** Routing table group.
- Contents** `<inet>`—Name of the IPv4 routing table group.
`<inet6>`—Name of the IPv6 routing table group.

<rib-group> (configuration/logical-systems/protocols/rip)

- Usage** `<configuration>
 <logical-systems>
 <protocols>
 <rip>
 <rib-group>
 <ribgroup-name>ribgroup-name</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </rip>
 </protocols>
 </logical-systems>
</configuration>`
- Description** Routing table group for importing RIP routes.
- Contents** `<ribgroup-name>`—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <flow>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </flow>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-mvpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </inet-mvpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <flow>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </flow>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <labeled-unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </labeled-unicast>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet6>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet6-mvpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <inet6-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet6-vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family/l2vpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <family>
              <l2vpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </l2vpn>
            </family>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <flow>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </flow>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet>
                  <multicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </multicast>
                </inet>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-mvpn>
                  <signaling>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </signaling>
                </inet-mvpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <flow>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </flow>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet-vpn>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </inet-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <labeled-unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </labeled-unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </inet6>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet6-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6-vpn>
                  <any>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </any>
                </inet6-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <inet6-vpn>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </inet6-vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/family/l2vpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <l2vpn>
                  <signaling>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </signaling>
                </l2vpn>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <flow>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </flow>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet>
                    <multicast>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </multicast>
                  </inet>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-mvpn>
                    <signaling>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </signaling>
                  </inet-mvpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <flow>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </flow>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet-vpn>
                    <unicast>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </unicast>
                  </inet-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <labeled-unicast>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </labeled-unicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6>
                    <unicast>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </unicast>
                  </inet6>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet6-mvpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <inet6-vpn>
                    <unicast>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </unicast>
                  </inet6-vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/protocols/bgp/group/neighbor/family/l2vpn/signaling)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <l2vpn>
                    <signaling>
                      <rib-group>
                        <ribgroup-name>ribgroup-name
                        </ribgroup-name>    <!-- mandatory -->
                      </rib-group>
                    </signaling>
                  </l2vpn>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/protocols/isis)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <isis>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </isis>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group for importing IS-IS routes.

Contents <inet>—Name of the IPv4 routing table group.

<inet6>—Name of the IPv6 routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <msdp>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </msdp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <inet>—Name of the IPv4 routing table group.

<inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/protocols/rip)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group for importing RIP routes.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/logical-systems/routing-instances/instance/routing-options/interface-routes)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <interface-routes>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </interface-routes>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <inet>—Name of the IPv4 routing table group.

<inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/logical-systems/routing-options/interface-routes)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <interface-routes>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </interface-routes>
 </routing-options>
 </logical-systems>
 </configuration>

Description Routing table group.

Contents <inet>—Name of the IPv4 routing table group.

<inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/protocols/bgp/family/inet/any)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

**<rib-group> (configuration/protocols/bgp/family/inet/
labeled-unicast)**

Usage	<pre><configuration> <protocols> <bgp> <family> <inet> <labeled-unicast> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </labeled-unicast> </inet> </family> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet/multicast)

Usage	<pre><configuration> <protocols> <bgp> <family> <inet> <multicast> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </multicast> </inet> </family> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet6/any)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet6/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/inet6-mvpn/signaling)

Usage	<pre><configuration> <protocols> <bgp> <family> <inet6-mvpn> <signaling> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </signaling> </inet6-mvpn> </family> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

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

Usage	<pre><configuration> <protocols> <bgp> <family> <inet6-vpn> <any> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </any> </inet6-vpn> </family> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

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

Usage	<pre><configuration> <protocols> <bgp> <family> <inet6-vpn> <multicast> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </multicast> </inet6-vpn> </family> </bgp> </protocols> </configuration></pre>	
Description	Routing table group.	
Contents	<ribgroup-name>—Name of the routing table group.	

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

Usage	<pre><configuration> <protocols> <bgp> <family> <inet6-vpn> <unicast> <rib-group> <ribgroup-name><i>ribgroup-name</i></ribgroup-name> <!-- mandatory --> </rib-group> </unicast> </inet6-vpn> </family> </bgp> </protocols> </configuration></pre>	
Description	Routing table group.	
Contents	<ribgroup-name>—Name of the routing table group.	

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

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/family/l2vpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <any>
<rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
</rib-group>
 </any>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <flow>
<rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
</rib-group>
 </flow>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet/ multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet-vpn>
            <multicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </multicast>
          </inet-vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet-vpn>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </inet-vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet6/any)

Usage	<pre><configuration> <protocols> <bgp> <group> <family> <inet6> <any> <rib-group> <ribgroup-name><i>ribgroup-name</i> </ribgroup-name> <!-- mandatory --> </rib-group> </any> </inet6> </family> </group> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

**<rib-group> (configuration/protocols/bgp/group/family/inet6/
labeled-unicast)**

Usage	<pre><configuration> <protocols> <bgp> <group> <family> <inet6> <labeled-unicast> <rib-group> <ribgroup-name><i>ribgroup-name</i> </ribgroup-name> <!-- mandatory --> </rib-group> </labeled-unicast> </inet6> </family> </group> </bgp> </protocols> </configuration></pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet6/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
</configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet6-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet6-vpn>
            <multicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </multicast>
          </inet6-vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <family>
          <inet6-vpn>
            <unicast>
              <rib-group>
                <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
              </rib-group>
            </unicast>
          </inet6-vpn>
        </family>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/family/l2vpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet/flow)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet>
              <labeled-unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                </ribgroup-name>    <!-- mandatory -->
                <\/rib-group>
              <\/labeled-unicast>
            <\/inet>
          <\/family>
        <\/neighbor>
      <\/group>
    <\/bgp>
  <\/protocols>
<\/configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet/multicast)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet>
              <unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </unicast>
            </inet>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet-mvpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet-vpn>
              <multicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </multicast>
            </inet-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet6/any)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet6/multicast)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6>
              <multicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </multicast>
            </inet6>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6>
              <unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </unicast>
            </inet6>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <inet6-mvpn>
              <signaling>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </signaling>
            </inet6-mvpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```
<configuration>
  <protocols>
    <bgp>
      <group>
        <neighbor>
          <family>
            <iso-vpn>
              <unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </unicast>
            </iso-vpn>
          </family>
        </neighbor>
      </group>
    </bgp>
  </protocols>
</configuration>
```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/bgp/group/neighbor/family/l2vpn/signaling)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/dvmrp)

Usage <configuration>
 <protocols>
 <dvmrp>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </dvmrp>
 </protocols>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/isis)

- Usage** <configuration>
 <protocols>
 <isis>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </isis>
 </protocols>
 </configuration>
- Description** Routing table group for importing IS-IS routes.
- Contents** <inet>—Name of the IPv4 routing table group.
 <inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/protocols/msdp)

- Usage** <configuration>
 <protocols>
 <msdp>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </msdp>
 </protocols>
 </configuration>
- Description** Routing table group.
- Contents** <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/protocols/pim)

- Usage** <configuration>
 <protocols>
 <pim>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </pim>
 </protocols>
 </configuration>
- Description** Routing table group.
- Contents** <inet>—Name of the IPv4 routing table group.
 <inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/protocols/rip)

- Usage** <configuration>
 <protocols>
 <rip>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </rip>
 </protocols>
 </configuration>
- Description** Routing table group for importing RIP routes.
- Contents** <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet>
              <labeled-unicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </labeled-unicast>
            </inet>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/family/inet-mvpn/signaling)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6>
              <any>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </any>
            </inet6>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6>
              <multicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </multicast>
            </inet6>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6-mvpn>
              <signaling>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </signaling>
            </inet6-mvpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <family>
            <inet6-vpn>
              <multicast>
                <rib-group>
                  <ribgroup-name>ribgroup-name
                  </ribgroup-name>    <!-- mandatory -->
                </rib-group>
              </multicast>
            </inet6-vpn>
          </family>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <inet6-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <iso-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </iso-vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/family/l2vpn/signaling)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <any>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </any>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <labeled-unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </labeled-unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </inet>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/group/family/inet-mvpn/signaling)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <any>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </any>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet-vpn>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <any>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </any>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet6>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/group/family/inet6-mvpn/signaling)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-mvpn>
                <signaling>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </signaling>
              </inet6-mvpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <inet6-vpn>
                <multicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </multicast>
              </inet6-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <inet6-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6-vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <family>
              <iso-vpn>
                <unicast>
                  <rib-group>
                    <ribgroup-name>ribgroup-name
                    </ribgroup-name>    <!-- mandatory -->
                  </rib-group>
                </unicast>
              </iso-vpn>
            </family>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/bgp/group/family/l2vpn/signaling)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <any>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </any>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <labeled-unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </labeled-unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet>
 <multicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </multicast>
 </inet>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </inet>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-mvpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </inet-mvpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <any>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </any>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <flow>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </flow>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet-vpn>
                  <multicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </multicast>
                </inet-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet-vpn>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <any>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </any>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <labeled-unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </labeled-unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6>
                  <multicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </multicast>
                </inet6>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6>
 <unicast>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </unicast>
 </inet6>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-mvpn>
                  <signaling>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </signaling>
                </inet6-mvpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <inet6-vpn>
 <any>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </any>
 </inet6-vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-vpn>
                  <multicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>      <!-- mandatory -->
                    </rib-group>
                  </multicast>
                </inet6-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <inet6-vpn>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </inet6-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <iso-vpn>
                  <unicast>
                    <rib-group>
                      <ribgroup-name>ribgroup-name
                      </ribgroup-name>    <!-- mandatory -->
                    </rib-group>
                  </unicast>
                </iso-vpn>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/ bgp/group/neighbor/family/l2vpn/signaling)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <l2vpn>
 <signaling>
 <rib-group>
 <ribgroup-name>*ribgroup-name*
 </ribgroup-name> <!-- mandatory -->
 </rib-group>
 </signaling>
 </l2vpn>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/isis)

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <isis> <rib-group> <inet>inet</inet> <inet6>inet6</inet6> </rib-group> </isis> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Routing table group for importing IS-IS routes.
Contents	<p><inet>—Name of the IPv4 routing table group.</p> <p><inet6>—Name of the IPv6 routing table group.</p>

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

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <msdp> <rib-group> <ribgroup-name>ribgroup-name</ribgroup-name> <!-- mandatory --> </rib-group> </msdp> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Routing table group.
Contents	<ribgroup-name>—Name of the routing table group.

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

- Usage** <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>
- Description** Routing table group.
- Contents** <inet>—Name of the IPv4 routing table group.
 <inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/routing-instances/instance/protocols/rip)

- Usage** <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <rib-group>
 <ribgroup-name>*ribgroup-name*</ribgroup-name> <!-- mandatory -->
 </rib-group>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>
- Description** Routing table group for importing RIP routes.
- Contents** <ribgroup-name>—Name of the routing table group.

<rib-group> (configuration/routing-instances/instance/routing-options/interface-routes)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <interface-routes>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </interface-routes>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing table group.

Contents <inet>—Name of the IPv4 routing table group.
 <inet6>—Name of the IPv6 routing table group.

<rib-group> (configuration/routing-options/interface-routes)

Usage <configuration>
 <routing-options>
 <interface-routes>
 <rib-group>
 <inet>*inet*</inet>
 <inet6>*inet6*</inet6>
 </rib-group>
 </interface-routes>
 </routing-options>
 </configuration>

Description Routing table group.

Contents <inet>—Name of the IPv4 routing table group.
 <inet6>—Name of the IPv6 routing table group.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib-groups>
 <name>name</name> <!-- identifier -->
 <export-rib>export-rib</export-rib>
 <import-rib>...</import-rib>
 <import-policy>...</import-policy>
 </rib-groups>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Group of routing tables.

Contents <export-rib>—Export routing table.

 <import-policy>—Import policy.

 <import-rib>—Import routing table.

 <name>—Routing table group.

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

Usage	<pre> <configuration> <logical-systems> <routing-options> <rib-groups> <name>name</name> <!-- identifier --> <export-rib>export-rib</export-rib> <import-rib>...</import-rib> <import-policy>...</import-policy> </rib-groups> </routing-options> </logical-systems> </configuration> </pre>
Description	Group of routing tables.
Contents	<p><export-rib>—Export routing table.</p> <p><import-policy>—Import policy.</p> <p><import-rib>—Import routing table.</p> <p><name>—Routing table group.</p>

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

Usage	<pre> <configuration> <routing-instances> <instance> <routing-options> <rib-groups> <name>name</name> <!-- identifier --> <export-rib>export-rib</export-rib> <import-rib>...</import-rib> <import-policy>...</import-policy> </rib-groups> </routing-options> </instance> </routing-instances> </configuration> </pre>
Description	Group of routing tables.
Contents	<p><export-rib>—Export routing table.</p> <p><import-policy>—Import policy.</p> <p><import-rib>—Import routing table.</p> <p><name>—Routing table group.</p>

<rib-groups> (configuration/routing-options)

Usage	<pre> <configuration> <routing-options> <rib-groups> <name>name</name> <!-- identifier --> <export-rib>export-rib</export-rib> <import-rib>...</import-rib> <import-policy>...</import-policy> </rib-groups> </routing-options> </configuration> </pre>
Description	Group of routing tables.
Contents	<p><export-rib>—Export routing table.</p> <p><import-policy>—Import policy.</p> <p><import-rib>—Import routing table.</p> <p><name>—Routing table group.</p>

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <rip>
 <traceoptions>...</traceoptions>
 <rib-group>...</rib-group>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <check-zero/>
 <message-size>*message-size*</message-size>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <authentication-type>*authentication-type-choice*</authentication-type>
 <authentication-key>*authentication-key*</authentication-key>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </rip>
 </protocols>
 </logical-systems>
 </configuration>

Description RIP options.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- none—No authentication.
- simple—Simple password authentication.

<check-zero>—Check reserved fields on incoming RIPv2 packets.

<graceful-restart>—RIP graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<message-size>—Number of route entries per update message.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIP receive options.

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

<route-timeout>—Delay before routes time out.

<send>—Configure RIP send options.

<traceoptions>—Trace options for RIP.

<update-interval>—Interval between regular route updates.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <traceoptions>...</traceoptions>
 <rib-group>...</rib-group>
 <metric-in>metric-in</metric-in>
 <send>...</send>
 <receive>...</receive>
 <check-zero/>
 <message-size>message-size</message-size>
 <import>...</import>
 <holddown>seconds</holddown>
 <route-timeout>seconds</route-timeout>
 <update-interval>seconds</update-interval>
 <authentication-type>authentication-type-choice</authentication-type>
 <authentication-key>authentication-key</authentication-key>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description RIP options.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- none—No authentication.
- simple—Simple password authentication.

<check-zero>—Check reserved fields on incoming RIPv2 packets.

<graceful-restart>—RIP graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<message-size>—Number of route entries per update message.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIP receive options.

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

<route-timeout>—Delay before routes time out.

<send>—Configure RIP send options.

<traceoptions>—Trace options for RIP.

<update-interval>—Interval between regular route updates.

<rip> (configuration/protocols)

Usage <configuration>
 <protocols>
 <rip>
 <traceoptions>...</traceoptions>
 <rib-group>...</rib-group>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <check-zero/>
 <message-size>*message-size*</message-size>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <authentication-type>*authentication-type-choice*</authentication-type>
 <authentication-key>*authentication-key*</authentication-key>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </rip>
 </protocols>
</configuration>

Description RIP options.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- none—No authentication.
- simple—Simple password authentication.

<check-zero>—Check reserved fields on incoming RIPv2 packets.

<graceful-restart>—RIP graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<message-size>—Number of route entries per update message.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIP receive options.

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

<route-timeout>—Delay before routes time out.

<send>—Configure RIP send options.

<traceoptions>—Trace options for RIP.

<update-interval>—Interval between regular route updates.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rip>
 <traceoptions>...</traceoptions>
 <rib-group>...</rib-group>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <check-zero/>
 <message-size>*message-size*</message-size>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <authentication-type>*authentication-type-choice*</authentication-type>
 <authentication-key>*authentication-key*</authentication-key>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </rip>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description RIP options.

Contents <authentication-key>—Authentication key (password).

<authentication-type>—Authentication type.

- md5—MD5 authentication.
- none—No authentication.
- simple—Simple password authentication.

<check-zero>—Check reserved fields on incoming RIPv2 packets.

<graceful-restart>—RIP graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<message-size>—Number of route entries per update message.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIP receive options.

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

<route-timeout>—Delay before routes time out.

<send>—Configure RIP send options.

<traceoptions>—Trace options for RIP.

<update-interval>—Interval between regular route updates.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <ripng>
 <traceoptions>...</traceoptions>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </ripng>
 </protocols>
 </logical-systems>
 </configuration>

Description RIPng options.

Contents <graceful-restart>—RIPng graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIPng receive options.

<route-timeout>—Delay before routes time out.

<send>—Configure RIPng send options.

<traceoptions>—Trace options for RIPng.

<update-interval>—Interval between regular route updates.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <ripng>
            <traceoptions>...</traceoptions>
            <metric-in>metric-in</metric-in>
            <send>...</send>
            <receive>...</receive>
            <import>...</import>
            <holddown>seconds</holddown>
            <route-timeout>seconds</route-timeout>
            <update-interval>seconds</update-interval>
            <group>...</group>
            <graceful-restart>...</graceful-restart>
          </ripng>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description RIPng options.

Contents <graceful-restart>—RIPng graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIPng receive options.

<route-timeout>—Delay before routes time out.

<send>—Configure RIPng send options.

<traceoptions>—Trace options for RIPng.

<update-interval>—Interval between regular route updates.

<ripng> (configuration/protocols)

Usage <configuration>
 <protocols>
 <ripng>
 <traceoptions>...</traceoptions>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </ripng>
 </protocols>
 </configuration>

Description RIPng options.

Contents <graceful-restart>—RIPng graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIPng receive options.

<route-timeout>—Delay before routes time out.

<send>—Configure RIPng send options.

<traceoptions>—Trace options for RIPng.

<update-interval>—Interval between regular route updates.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <ripng>
 <traceoptions>...</traceoptions>
 <metric-in>*metric-in*</metric-in>
 <send>...</send>
 <receive>...</receive>
 <import>...</import>
 <holddown>*seconds*</holddown>
 <route-timeout>*seconds*</route-timeout>
 <update-interval>*seconds*</update-interval>
 <group>...</group>
 <graceful-restart>...</graceful-restart>
 </ripng>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description RIPng options.

Contents <graceful-restart>—RIPng graceful restart options.

<group>—Instance configuration.

<holddown>—Hold-down time.

<import>—Import policy.

<metric-in>—Metric value to add to incoming routes.

<receive>—Configure RIPng receive options.

<route-timeout>—Delay before routes time out.

<send>—Configure RIPng send options.

<traceoptions>—Trace options for RIPng.

<update-interval>—Interval between regular route updates.

<rmon> (configuration/snmp)

Usage <configuration>
 <snmp>
 <rmon>
 <history>...</history>
 <alarm>...</alarm>
 <event>...</event>
 </rmon>
 </snmp>
 </configuration>

Description Remote Monitoring configuration.

Contents <alarm>—RMON alarm entries.

 <event>—RMON event entries.

 <history>—RMON history entries.

<ro-profile> (configuration/services/ggsn/apn/service-based-charging/credit-control)

Usage

```
<configuration>
  <services>
    <ggsn>
      <apn>
        <service-based-charging>
          <credit-control>
            <ro-profile>
              <name>name</name>    <!-- identifier -->
              <diameter-application-system>diameter-application-system
                </diameter-application-system>    <!-- mandatory -->
              <additional-allowed-das>...</additional-allowed-das>
              <service-context-id>service-context-id-choice</service-context-id>
              <ccr-avp>...</ccr-avp>
              <no-preemptive-reservation/>
              <redirect>...</redirect>
              <failure>...</failure>
              <no-initiate-session-on-activation/>
            </ro-profile>
          </credit-control>
        </service-based-charging>
      </apn>
    </ggsn>
  </services>
</configuration>
```

Description Ro-based credit control profile.

Contents <additional-allowed-das>—Additional diameter application system allowed for the profile.

<ccr-avp>—Inclusion of optional attributes in credit control requests.

<diameter-application-system>—Diameter application system.

<failure>—Failure handling settings for ro.

<name>—Profile identifier.

<no-initiate-session-on-activation>—Don't initiate a credit session on context activation.

<no-preemptive-reservation>—Do not allow OCS to reserve quota preemptively.

<redirect>—Settings for redirect.

<service-context-id>—Credit-control service-context supported.

- 6.32251@3gpp.org—Service context ID for 6.32251@3GPP.org.
- id—Service context identifier.
- v1.gy.ggsn@ericsson.com—Service context ID for v1.gy.ggsn@ericsson.com.

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <roaming>
 <roaming-class>...</roaming-class>
 <default>...</default> <!-- mandatory -->
 </roaming>
 </apn>
 </ggsn>
 </services>
 </configuration>

Description Roaming class settings.

Contents <default>—Default roaming class.
 <roaming-class>—Roaming class.

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

Usage

```

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

```

Description Timeout settings based on roaming.

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

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

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

<timeout>—Maximum context idle time, a multiple of 15.

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

Usage <configuration>
 <services>
 <ggsn>
 <apn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <roaming>
 <timeout>*minutes*</timeout>
 <no-supervision/>
 <measurement-type>*measurement-type-choice*</measurement-type>
 </roaming>
 </session-timeout>
 </session-control>
 </pdp-context>
 </apn>
 </ggsn>
 </services>
</configuration>

Description Timeout settings based on roaming.

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

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

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

<timeout>—Maximum duration for a context.

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

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <idle-timeout>
 <roaming>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 <measurement-type>*measurement-type-choice*</measurement-type>
 </roaming>
 </idle-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
</configuration>

Description Timeout settings based on roaming.

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

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

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

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

Usage <configuration>
 <services>
 <ggsn>
 <pdp-context>
 <session-control>
 <session-timeout>
 <roaming>
 <timeout>*minutes*</timeout> <!-- mandatory -->
 <measurement-type>*measurement-type-choice*</measurement-type>
 </roaming>
 </session-timeout>
 </session-control>
 </pdp-context>
 </ggsn>
 </services>
</configuration>

Description Timeout settings based on SGSN PLMN IDs.

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

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

<timeout>—Maximum duration for a context.

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

Usage	<pre> <configuration> <services> <ggsn> <apn> <qos-control> <profile> <roaming-class> <name>name</name> <!-- identifier --> <quality-of-service>...</quality-of-service> <default-quality-of-service>...</default-quality-of-service> </roaming-class> </profile> </qos-control> </apn> </ggsn> </services> </configuration> </pre>
Description	Roaming class.
Contents	<p><default-quality-of-service>—Default quality of service.</p> <p><name>—Roaming class identifier.</p> <p><quality-of-service>—Quality of service.</p>

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

Usage	<pre> <configuration> <services> <ggsn> <apn> <roaming> <roaming-class> <name>name</name> <!-- identifier --> <plmn>...</plmn> <!-- mandatory --> </roaming-class> </roaming> </apn> </ggsn> </services> </configuration> </pre>
Description	Roaming class.
Contents	<p><name>—Roaming class identifier.</p> <p><plmn>—Public Land Mobile Network name.</p>

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

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

- Description** Roaming class.
- Contents** <default-service-class-group>—Default service class settings for block-based charging.
- <duration-time>—Duration time block settings.
- <name>—Roaming class identifier.
- <service-class-group>—Service class settings for block-based charging.
- <volume>—Volume block settings.

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

Usage

```

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

```

Description Roaming class for rates.

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

<name>—Roaming class identifier.

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

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

Usage

```

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

```

Description Roaming class for rates.

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

<name>—Roaming class identifier.

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

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

Usage

```

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

```

Description Authorization settings for roaming class.

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

<name>—Roaming class identifier.

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

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

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

Description Authorization settings for roaming class .

Contents <default-quality-of-service>—Default authorization settings for quality of service.
 <name>—Roaming class identifier.
 <quality-of-service>—Authorization settings for quality of service.

<root-authentication> (configuration/system)

Usage <configuration>
 <system>
 <root-authentication>
 <plain-text-password-value>*plain-text-password-value*
 </plain-text-password-value>
 <encrypted-password>*encrypted-password*</encrypted-password>
 <ssh-rsa>...</ssh-rsa>
 <ssh-dsa>...</ssh-dsa>
 </root-authentication>
 </system>
</configuration>

Description Authentication information for the root login.

Contents <encrypted-password>—Encrypted password string.
 <plain-text-password-value>—Plain text password.
 <ssh-dsa>—Secure shell (ssh) DSA public key string.
 <ssh-rsa>—Secure shell (ssh) RSA public key string.

<route> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/address/vrrp-group/track)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <vrrp-group>
                  <track>
                    <route>
                      <route_address>route_address
                      </route_address>    <!-- identifier -->
                      <routing-instance>routing-instance
                      </routing-instance>  <!-- identifier -->
                      <priority-cost>priority-cost</priority-cost>
                    </route>
                  </track>
                </vrrp-group>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Route to track in VRRP group.

Contents

- <priority-cost>—Value to subtract from priority when route is down.
- <route_address>—Route address.
- <routing-instance>—Routing instance to which route belongs, or 'default'.

<route> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group/track)

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <address>
                <vrrp-inet6-group>
                  <track>
                    <route>
                      <route_address>route_addresses</route_address>    <!-- identifier -->
                      <routing-instance>routing-instance
                        </routing-instance>    <!-- identifier -->
                      <priority-cost>priority-cost</priority-cost>
                    </route>
                  </track>
                </vrrp-inet6-group>
              </address>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Route to track in VRRP group.

Contents <priority-cost>—Value to subtract from priority when route is down.

<route_address>—Route address.

<routing-instance>—Routing instance to which route belongs, or 'default'.

<route> (configuration/interfaces/interface/unit/family/inet/address/vrrp-group/track)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <address>
              <vrrp-group>
                <track>
                  <route>
                    <route_address>route_address
                    </route_address>    <!-- identifier -->
                    <routing-instance>routing-instance
                    </routing-instance>  <!-- identifier -->
                    <priority-cost>priority-cost</priority-cost>
                  </route>
                </track>
              </vrrp-group>
            </address>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description Route to track in VRRP group.

Contents

- <priority-cost>—Value to subtract from priority when route is down.
- <route_address>—Route address.
- <routing-instance>—Routing instance to which route belongs, or 'default'.

<route> (configuration/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group/track)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet6>
            <address>
              <vrrp-inet6-group>
                <track>
                  <route>
                    <route_address>route_address
                    </route_address>    <!-- identifier -->
                    <routing-instance>routing-instance
                    </routing-instance>  <!-- identifier -->
                    <priority-cost>priority-cost</priority-cost>
                  </route>
                </track>
              </vrrp-inet6-group>
            </address>
          </inet6>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description Route to track in VRRP group.

Contents

- <priority-cost>—Value to subtract from priority when route is down.
- <route_address>—Route address.
- <routing-instance>—Routing instance to which route belongs, or 'default'.

<route> (configuration/logical-systems/interfaces/interface/unit/family/inet/address/vrrp-group/track)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <vrrp-group>
                  <track>
                    <route>
                      <route_address>route_address
                      </route_address>    <!-- identifier -->
                      <routing-instance>routing-instance
                      </routing-instance>  <!-- identifier -->
                      <priority-cost>priority-cost</priority-cost>
                    </route>
                  </track>
                </vrrp-group>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Route to track in VRRP group.

Contents

- <priority-cost>—Value to subtract from priority when route is down.
- <route_address>—Route address.
- <routing-instance>—Routing instance to which route belongs, or 'default'.

<route> (configuration/logical-systems/interfaces/interface/unit/family/inet6/address/vrrp-inet6-group/track)

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <address>
                <vrrp-inet6-group>
                  <track>
                    <route>
                      <route_address>route_address
                      </route_address>    <!-- identifier -->
                      <routing-instance>routing-instance
                      </routing-instance>  <!-- identifier -->
                      <priority-cost>priority-cost</priority-cost>
                    </route>
                  </track>
                </vrrp-inet6-group>
              </address>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Route to track in VRRP group.

Contents

- <priority-cost>—Value to subtract from priority when route is down.
- <route_address>—Route address.
- <routing-instance>—Routing instance to which route belongs, or 'default'.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachable.
- <full>—Include all AS numbers from all contributing paths.

- <metric>—Metric value.
- <metric2>—Metric value 2.
- <metric3>—Metric value 3.
- <metric4>—Metric value 4.
- <name>—Destination prefix.
- <passive>—Retain inactive route in forwarding table.
- <policy>—Policy filter.
- <preference>—Preference value.
- <preference2>—Preference value 2.
- <tag>—Tag string.
- <tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <route>
 <name>name</name> <!-- identifier -->
 <match>...</match> <!-- mandatory -->
 <then>...</then>
 </route>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Flow route.

- Contents** <match>—Flow definition.
- <name>—No documentation is available yet.
- <then>—Actions to take for this flow.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachable.
- <full>—Include all AS numbers from all contributing paths.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <name>*name*</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</logical-systems>
</configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachablees.

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <name>*name*</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>*next-table*</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>*backup-pe-group*</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <name>*name*</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>*next-table*</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>*backup-pe-group*</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachables.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <aggregate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </aggregate>
 </routing-options>
 </logical-systems>
 </configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

- <metric4>—Metric value 4.
- <name>—Destination prefix.
- <passive>—Retain inactive route in forwarding table.
- <policy>—Policy filter.
- <preference>—Preference value.
- <preference2>—Preference value 2.
- <tag>—Tag string.
- <tag2>—Tag string 2.

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

```
Usage  <configuration>
      <logical-systems>
      <routing-options>
      <flow>
      <route>
      <name>name</name>    <!-- identifier -->
      <match>...</match>  <!-- mandatory -->
      <then>...</then>
      </route>
      </flow>
      </routing-options>
      </logical-systems>
      </configuration>
```

Description Flow route.

- Contents** <match>—Flow definition.
- <name>—No documentation is available yet.
- <then>—Actions to take for this flow.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <generate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </generate>
</routing-options>
</logical-systems>
</configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachablees.
- <full>—Include all AS numbers from all contributing paths.
- <metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachablees.
- <full>—Include all AS numbers from all contributing paths.
- <metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-options>
      <rib>
        <static>
          <route>
            <name>name</name>    <!-- identifier -->
            <next-hop>...</next-hop>
            <reject/>
            <discard/>
            <receive/>
            <next-table>next-table</next-table>
            <qualified-next-hop>...</qualified-next-hop>
            <lsp-next-hop>...</lsp-next-hop>
            <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
            <backup-pe-group>backup-pe-group</backup-pe-group>
            <bfd-liveness-detection>...</bfd-liveness-detection>
            <retain/>
            <install/>
            <readvertise/>
            <resolve/>
            <active/>
            <passive/>
            <metric>...</metric>
            <metric2>...</metric2>
            <metric3>...</metric3>
            <metric4>...</metric4>
            <tag>...</tag>
            <tag2>...</tag2>
            <preference>...</preference>
            <preference2>...</preference2>
            <color>...</color>
            <color2>...</color2>
            <community>...</community>
            <as-path>...</as-path>
          </route>
        </static>
      </rib>
    </routing-options>
  </logical-systems>
</configuration>

```

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <static>
 <route>
 <name>name</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>next-table</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>backup-pe-group</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </routing-options>
 </logical-systems>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachable.
- <full>—Include all AS numbers from all contributing paths.
- <metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <flow>
 <route>
 <name>*name*</name> <!-- identifier -->
 <match>...</match> <!-- mandatory -->
 <then>...</then>
 </route>
 </flow>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Flow route.

Contents <match>—Flow definition.

<name>—No documentation is available yet.

<then>—Actions to take for this flow.

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

Usage

```

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

```

Description Individual route options.

Contents

- <active>—Remove inactive route from forwarding table.
- <as-path>—Autonomous system path.
- <brief>—Include longest common sequences from contributing paths.
- <color>—Color (preference) value.
- <color2>—Color (preference) value 2.
- <community>—BGP community identifier.
- <discard>—Drop packets to destination; send no ICMP unreachable.
- <full>—Include all AS numbers from all contributing paths.
- <metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
</configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <generate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </generate>
</rib>
</routing-options>
</instance>
</routing-instances>
</configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <rib>
 <static>
 <route>
 <name>name</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>next-table</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>backup-pe-group</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </rib>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <static>
 <route>
 <name>*name*</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>*next-table*</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>*backup-pe-group*</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-options>
 <aggregate>
 <route>
 <name>*name*</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </aggregate>
 </routing-options>
 </configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

- <name>—Destination prefix.
- <passive>—Retain inactive route in forwarding table.
- <policy>—Policy filter.
- <preference>—Preference value.
- <preference2>—Preference value 2.
- <tag>—Tag string.
- <tag2>—Tag string 2.

<route> (configuration/routing-options/flow)

Usage <configuration>
 <routing-options>
 <flow>
 <route>
 <name>name</name> <!-- identifier -->
 <match>...</match> <!-- mandatory -->
 <then>...</then>
 </route>
 </flow>
 </routing-options>
 </configuration>

Description Flow route.

- Contents** <match>—Flow definition.
- <name>—No documentation is available yet.
 - <then>—Actions to take for this flow.

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

Usage <configuration>
 <routing-options>
 <generate>
 <route>
 <name>*name*</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </generate>
 </routing-options>
 </configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-options>
 <rib>
 <aggregate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </aggregate>
 </rib>
 </routing-options>
 </configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-options>
 <rib>
 <generate>
 <route>
 <name>name</name> <!-- identifier -->
 <policy>...</policy>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 <discard/>
 <brief/>
 <full/>
 <active/>
 <passive/>
 </route>
 </generate>
</rib>
</routing-options>
</configuration>

Description Individual route options.

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

<as-path>—Autonomous system path.

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

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

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

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—Destination prefix.

<passive>—Retain inactive route in forwarding table.

<policy>—Policy filter.

<preference>—Preference value.

<preference2>—Preference value 2.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-options>
 <rib>
 <static>
 <route>
 <name>name</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>next-table</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>backup-pe-group</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </rib>
 </routing-options>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachable.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <routing-options>
 <static>
 <route>
 <name>*name*</name> <!-- identifier -->
 <next-hop>...</next-hop>
 <reject/>
 <discard/>
 <receive/>
 <next-table>*next-table*</next-table>
 <qualified-next-hop>...</qualified-next-hop>
 <lsp-next-hop>...</lsp-next-hop>
 <p2mp-lsp-next-hop>...</p2mp-lsp-next-hop>
 <backup-pe-group>*backup-pe-group*</backup-pe-group>
 <bfd-liveness-detection>...</bfd-liveness-detection>
 <retain/>
 <install/>
 <readvertise/>
 <resolve/>
 <active/>
 <passive/>
 <metric>...</metric>
 <metric2>...</metric2>
 <metric3>...</metric3>
 <metric4>...</metric4>
 <tag>...</tag>
 <tag2>...</tag2>
 <preference>...</preference>
 <preference2>...</preference2>
 <color>...</color>
 <color2>...</color2>
 <community>...</community>
 <as-path>...</as-path>
 </route>
 </static>
 </routing-options>
 </configuration>

Description Static route.

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

<as-path>—Autonomous system path.

<backup-pe-group>—Multicast source redundancy group.

<bfd-liveness-detection>—Bidirectional Forwarding Detection (BFD) options.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community identifier.

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

<install>—Install route into forwarding table.

<lsp-next-hop>—LSP next hop.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<name>—No documentation is available yet.

<next-hop>—Next hop to destination.

<next-table>—Next hop to another table.

<p2mp-lsp-next-hop>—Point-to-multipoint LSP next hop.

<passive>—Retain inactive route in forwarding table.

<preference>—Preference value.

<preference2>—Preference value 2.

<qualified-next-hop>—Next hop with qualifiers.

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

<receive>—Install a receive route for the destination.

<reject>—Drop packets to destination; send ICMP unreachables.

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

<retain>—Always keep route in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <route-distinguisher>
 <rd-type>rd-type</rd-type>
 </route-distinguisher>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Route distinguisher for this instance.

Contents <rd-type>—Number in (16 bit:32 bit) or (32 bit 'L':16 bit) or (IP address:16 bit) format.

<route-distinguisher> (configuration/routing-instances/instance)

Usage <configuration>
 <routing-instances>
 <instance>
 <route-distinguisher>
 <rd-type>rd-type</rd-type>
 </route-distinguisher>
 </instance>
 </routing-instances>
 </configuration>

Description Route distinguisher for this instance.

Contents <rd-type>—Number in (16 bit:32 bit) or (32 bit 'L':16 bit) or (IP address:16 bit) format.

<route-filter> (configuration/logical-systems/policy-options/ policy-statement/from)

```

Usage  <configuration>
      <logical-systems>
      <policy-options>
      <policy-statement>
      <from>
        <route-filter>
          <address>address</address>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <upto>upto</upto>    <!-- identifier -->
          <through>through</through>    <!-- identifier -->
          <prefix-length-range>prefix-length-range
                                </prefix-length-range>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</logical-systems>
</configuration>

```

Description List of routes to match.

Contents <accept>—Accept a route.

<address>—IP address or hostname.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

■ accept—Accept a route.

■ reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

■ policy—Skip to next policy filter.

- **term**—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
- **igp**—Path originated in the local IGP.
- **incomplete**—Path was learned by some other means.

<orlonger>—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<prefix-length-range>—Mask falls between two prefix lengths.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<through>—Route falls between two prefixes.

<trace>—Log matches to a trace file.

<upto>—Mask falls between two prefix lengths.

<route-filter> (configuration/logical-systems/policy-options/ policy-statement/term/from)

```

Usage  <configuration>
      <logical-systems>
      <policy-options>
      <policy-statement>
      <term>
      <from>
        <route-filter>
          <address>address</address>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <upto>upto</upto>    <!-- identifier -->
          <through>through</through>    <!-- identifier -->
          <prefix-length-range>prefix-length-range
                                </prefix-length-range>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </route-filter>
      </from>
    </term>
  </policy-statement>
</policy-options>

```



```

    </logical-systems>
  </configuration>

```

Description List of routes to match.

Contents <accept>—Accept a route.

<address>—IP address or hostname.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

■ accept—Accept a route.

■ reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

- `policy`—Skip to next policy filter.
 - `term`—Skip to next term in a policy filter.
- `<next-hop>`—Set the address of the next-hop router.
- `<origin>`—BGP path origin.
- `egp`—Path originated in another AS.
 - `igp`—Path originated in the local IGP.
 - `incomplete`—Path was learned by some other means.
- `<orlonger>`—Mask is greater than or equal to the prefix length.
- `<preference>`—Preference value.
- `<preference2>`—Preference value 2.
- `<prefix-length-range>`—Mask falls between two prefix lengths.
- `<priority>`—Set priority for route installation.
- `high`—Set priority to high.
 - `low`—Set priority to low.
 - `medium`—Set priority to medium.
- `<reject>`—Reject a route.
- `<source-class>`—Set source class in forwarding table.
- `<tag>`—Tag string.
- `<tag2>`—Tag string 2.
- `<through>`—Route falls between two prefixes.
- `<trace>`—Log matches to a trace file.
- `<upto>`—Mask falls between two prefix lengths.

```
<route-filter> (configuration/policy-options/policy-statement/
from)
```

```

Usage <configuration>
  <policy-options>
    <policy-statement>
      <from>
        <route-filter>
          <address>address</address>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <upto>upto</upto>    <!-- identifier -->
          <through>through</through>    <!-- identifier -->
          <prefix-length-range>prefix-length-range
                                </prefix-length-range>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </route-filter>
      </from>
    </policy-statement>
  </policy-options>
</configuration>

```

Description	List of routes to match.
--------------------	--------------------------

- Contents**
- <accept>—Accept a route.
 - <address>—IP address or hostname.
 - <as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).
 - <as-path-prepend>—Prepend AS numbers to an AS path (BGP only).
 - <class>—Set class-of-service parameters.
 - <color>—Color (preference) value.
 - <color2>—Color (preference) value 2.
 - <community>—BGP community properties associated with a route.
 - <cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.
 - <damping>—Define BGP route flap damping parameters.
 - <default-action>—Set default policy action.
 - accept—Accept a route.
 - reject—Reject a route.
 - <destination-class>—Set destination class in forwarding table.
 - <exact>—Exactly match the prefix length.
 - <external>—External route.
 - <forwarding-class>—Set source or destination class in forwarding table.
 - <install-nexthop>—Choose the next hop to be used for forwarding.
 - <load-balance>—Type of load balancing in forwarding table.
 - <local-preference>—Local preference associated with a route.
 - <longer>—Mask is greater than the prefix length.
 - <metric>—Metric value.
 - <metric2>—Metric value 2.
 - <metric3>—Metric value 3.
 - <metric4>—Metric value 4.
 - <next>—Skip to next policy or term.
 - policy—Skip to next policy filter.
 - term—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
- **igp**—Path originated in the local IGP.
- **incomplete**—Path was learned by some other means.

<orlonger>—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<prefix-length-range>—Mask falls between two prefix lengths.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<through>—Route falls between two prefixes.

<trace>—Log matches to a trace file.

<upto>—Mask falls between two prefix lengths.

<route-filter> (configuration/policy-options/policy-statement/term/from)

```

Usage  <configuration>
      <policy-options>
      <policy-statement>
      <term>
      <from>
        <route-filter>
          <address>address</address>    <!-- identifier -->
          <exact/>    <!-- identifier -->
          <longer/>    <!-- identifier -->
          <orlonger/>    <!-- identifier -->
          <upto>upto</upto>    <!-- identifier -->
          <through>through</through>    <!-- identifier -->
          <prefix-length-range>prefix-length-range
                                </prefix-length-range>    <!-- identifier -->
          <metric>...</metric>
          <metric2>...</metric2>
          <metric3>...</metric3>
          <metric4>...</metric4>
          <tag>...</tag>
          <tag2>...</tag2>
          <preference>...</preference>
          <preference2>...</preference2>
          <color>...</color>
          <color2>...</color2>
          <local-preference>...</local-preference>
          <priority>priority-choice</priority>
          <origin>origin-choice</origin>
          <community>...</community>
          <damping>damping</damping>
          <as-path-prepend>as-path-prepend</as-path-prepend>
          <as-path-expand>...</as-path-expand>
          <next-hop>...</next-hop>
          <install-nexthop>...</install-nexthop>
          <trace/>
          <external>...</external>
          <load-balance>...</load-balance>
          <class>class</class>
          <destination-class>destination-class</destination-class>
          <source-class>source-class</source-class>
          <forwarding-class>forwarding-class</forwarding-class>
          <cos-next-hop-map>cos-next-hop-map</cos-next-hop-map>
          <default-action>default-action-choice</default-action>
          <next>next-choice</next>
          <accept/>
          <reject/>
        </route-filter>
      </from>
    </term>
  </policy-statement>
</policy-options>
</configuration>

```

Description List of routes to match.

Contents <accept>—Accept a route.

<address>—IP address or hostname.

<as-path-expand>—Prepend AS numbers prior to adding local-as (BGP only).

<as-path-prepend>—Prepend AS numbers to an AS path (BGP only).

<class>—Set class-of-service parameters.

<color>—Color (preference) value.

<color2>—Color (preference) value 2.

<community>—BGP community properties associated with a route.

<cos-next-hop-map>—Set CoS-based next-hop map in forwarding table.

<damping>—Define BGP route flap damping parameters.

<default-action>—Set default policy action.

■ accept—Accept a route.

■ reject—Reject a route.

<destination-class>—Set destination class in forwarding table.

<exact>—Exactly match the prefix length.

<external>—External route.

<forwarding-class>—Set source or destination class in forwarding table.

<install-nexthop>—Choose the next hop to be used for forwarding.

<load-balance>—Type of load balancing in forwarding table.

<local-preference>—Local preference associated with a route.

<longer>—Mask is greater than the prefix length.

<metric>—Metric value.

<metric2>—Metric value 2.

<metric3>—Metric value 3.

<metric4>—Metric value 4.

<next>—Skip to next policy or term.

■ policy—Skip to next policy filter.

- **term**—Skip to next term in a policy filter.

<next-hop>—Set the address of the next-hop router.

<origin>—BGP path origin.

- **egp**—Path originated in another AS.
 - **igp**—Path originated in the local IGP.
 - **incomplete**—Path was learned by some other means.
- <orlonger>**—Mask is greater than or equal to the prefix length.

<preference>—Preference value.

<preference2>—Preference value 2.

<prefix-length-range>—Mask falls between two prefix lengths.

<priority>—Set priority for route installation.

- **high**—Set priority to high.
- **low**—Set priority to low.
- **medium**—Set priority to medium.

<reject>—Reject a route.

<source-class>—Set source class in forwarding table.

<tag>—Tag string.

<tag2>—Tag string 2.

<through>—Route falls between two prefixes.

<trace>—Log matches to a trace file.

<upto>—Mask falls between two prefix lengths.

<route-target> (configuration/logical-systems/protocols/bgp/family)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Route target NLRI used for VPN route filtering.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <advertise-default>—Advertise default and suppress more specific routes.
 <external-paths>—Number of external paths accepted for route filtering.
 <prefix-limit>—Limit maximum number of prefixes from a peer.

<route-target> (configuration/logical-systems/protocols/bgp/group/family)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <bgp>
        <group>
          <family>
            <route-target>
              <prefix-limit>...</prefix-limit>
              <accepted-prefix-limit>...</accepted-prefix-limit>
              <external-paths>external-paths</external-paths>
              <advertise-default/>
            </route-target>
          </family>
        </group>
      </bgp>
    </protocols>
  </logical-systems>
</configuration>

```

Description Route target NLRI used for VPN route filtering.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <advertise-default>—Advertise default and suppress more specific routes.
- <external-paths>—Number of external paths accepted for route filtering.
- <prefix-limit>—Limit maximum number of prefixes from a peer.

<route-target> (configuration/logical-systems/protocols/bgp/group/neighbor/family)

Usage <configuration>
 <logical-systems>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </logical-systems>
 </configuration>

Description Route target NLRI used for VPN route filtering.

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

 <advertise-default>—Advertise default and suppress more specific routes.

 <external-paths>—Number of external paths accepted for route filtering.

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

<route-target> (configuration/logical-systems/routing-instances/instance/protocols/bgp/family)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Route target NLRI used for VPN route filtering.

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

 <advertise-default>—Advertise default and suppress more specific routes.

 <external-paths>—Number of external paths accepted for route filtering.

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

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <family>
                <route-target>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <external-paths>external-paths</external-paths>
                  <advertise-default/>
                </route-target>
              </family>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Route target NLRI used for VPN route filtering.

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

<advertise-default>—Advertise default and suppress more specific routes.

<external-paths>—Number of external paths accepted for route filtering.

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

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <bgp>
            <group>
              <neighbor>
                <family>
                  <route-target>
                    <prefix-limit>...</prefix-limit>
                    <accepted-prefix-limit>...</accepted-prefix-limit>
                    <external-paths>external-paths</external-paths>
                    <advertise-default/>
                  </route-target>
                </family>
              </neighbor>
            </group>
          </bgp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Route target NLRI used for VPN route filtering.

Contents

- <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
- <advertise-default>—Advertise default and suppress more specific routes.
- <external-paths>—Number of external paths accepted for route filtering.
- <prefix-limit>—Limit maximum number of prefixes from a peer.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <mvpn>
 <route-target>
 <import-target>...</import-target>
 <export-target>...</export-target>
 </route-target>
 </mvpn>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Configure route-targets for MVPN routes.

Contents <export-target>—Target communities used when exporting routes.
 <import-target>—Target communities used when importing routes.

<route-target> (configuration/protocols/bgp/family)

Usage <configuration>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>external-paths</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </configuration>

Description Route target NLRI used for VPN route filtering.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <advertise-default>—Advertise default and suppress more specific routes.
 <external-paths>—Number of external paths accepted for route filtering.
 <prefix-limit>—Limit maximum number of prefixes from a peer.

<route-target> (configuration/protocols/bgp/group/family)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Route target NLRI used for VPN route filtering.

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

<advertise-default>—Advertise default and suppress more specific routes.

<external-paths>—Number of external paths accepted for route filtering.

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

<route-target> (configuration/protocols/bgp/group/neighbor/family)

Usage <configuration>
 <protocols>
 <bgp>
 <group>
 <neighbor>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </neighbor>
 </group>
 </bgp>
 </protocols>
 </configuration>

Description Route target NLRI used for VPN route filtering.

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

 <advertise-default>—Advertise default and suppress more specific routes.

 <external-paths>—Number of external paths accepted for route filtering.

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

<route-target> (configuration/routing-instances/instance/protocols/bgp/family)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Route target NLRI used for VPN route filtering.

Contents <accepted-prefix-limit>—Limit maximum number of prefixes accepted from a peer.
 <advertise-default>—Advertise default and suppress more specific routes.
 <external-paths>—Number of external paths accepted for route filtering.
 <prefix-limit>—Limit maximum number of prefixes from a peer.

<route-target> (configuration/routing-instances/instance/protocols/bgp/group/family)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <bgp>
 <group>
 <family>
 <route-target>
 <prefix-limit>...</prefix-limit>
 <accepted-prefix-limit>...</accepted-prefix-limit>
 <external-paths>*external-paths*</external-paths>
 <advertise-default/>
 </route-target>
 </family>
 </group>
 </bgp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Route target NLRI used for VPN route filtering.

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

 <advertise-default>—Advertise default and suppress more specific routes.

 <external-paths>—Number of external paths accepted for route filtering.

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

<route-target> (configuration/routing-instances/instance/protocols/bgp/group/neighbor/family)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <bgp>
          <group>
            <neighbor>
              <family>
                <route-target>
                  <prefix-limit>...</prefix-limit>
                  <accepted-prefix-limit>...</accepted-prefix-limit>
                  <external-paths>external-paths</external-paths>
                  <advertise-default/>
                </route-target>
              </family>
            </neighbor>
          </group>
        </bgp>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Route target NLRI used for VPN route filtering.

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

<advertise-default>—Advertise default and suppress more specific routes.

<external-paths>—Number of external paths accepted for route filtering.

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

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

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <mvpn> <route-target> <import-target>...</import-target> <export-target>...</export-target> </route-target> </mvpn> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	Configure route-targets for MVPN routes.
Contents	<p><export-target>—Target communities used when exporting routes.</p> <p><import-target>—Target communities used when importing routes.</p>

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

Usage	<pre> <configuration> <access> <address-assignment> <pool> <family> <inet> <dhcp-attributes> <router> <name>name</name> <!-- identifier --> </router> </dhcp-attributes> </inet> </family> </pool> </address-assignment> </access> </configuration> </pre>
Description	Routers advertised to clients.
Contents	<name>—Router's IPv4 address.

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

Usage <configuration>
 <logical-systems>
 <access>
 <address-assignment>
 <pool>
 <family>
 <inet>
 <dhcp-attributes>
 <router>
 <name>name</name> <!-- identifier -->
 </router>
 </dhcp-attributes>
 </inet>
 </family>
 </pool>
 </address-assignment>
 </access>
 </logical-systems>
 </configuration>

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

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

Usage

```

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

```

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

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

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <dhcp-attributes>
                  <router>
                    <name>name</name>    <!-- identifier -->
                  </router>
                </dhcp-attributes>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>

```

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

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

Usage

```

<configuration>
  <system>
    <services>
      <dhcp>
        <router>
          <name>name</name>    <!-- identifier -->
        </router>
      </dhcp>
    </services>
  </system>
</configuration>

```

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <pool>
 <router>
 <name>*name*</name> <!-- identifier -->
 </router>
 </pool>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <router>
 <name>*name*</name> <!-- identifier -->
 </router>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description Routers advertised to clients.

Contents <name>—Router's IPv4 address.

<router-advertisement> (configuration/logical-systems/protocols)

Usage	<pre><configuration> <logical-systems> <protocols> <router-advertisement> <traceoptions>...</traceoptions> <interface>...</interface> </router-advertisement> </protocols> </logical-systems> </configuration></pre>
Description	IPv6 router advertisement options.
Contents	<p><interface>—Interfaces on which to configure router advertisement.</p> <p><traceoptions>—Trace options for router advertisement.</p>

<router-advertisement> (configuration/protocols)

Usage	<pre><configuration> <protocols> <router-advertisement> <traceoptions>...</traceoptions> <interface>...</interface> </router-advertisement> </protocols> </configuration></pre>
Description	IPv6 router advertisement options.
Contents	<p><interface>—Interfaces on which to configure router advertisement.</p> <p><traceoptions>—Trace options for router advertisement.</p>

<router-discovery> (configuration/logical-systems/protocols)

Usage <configuration>
 <logical-systems>
 <protocols>
 <router-discovery>
 <disable/>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <address>...</address>
 </router-discovery>
 </protocols>
 </logical-systems>
 </configuration>

Description ICMP router discovery options.

Contents <address>—IP addresses to include in advertisements.
 <disable>—Disable router discovery.
 <interface>—Interfaces on which to configure router discovery.
 <traceoptions>—Trace options for router discovery.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <router-discovery>
 <disable/>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <address>...</address>
 </router-discovery>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description ICMP router discovery options.

Contents <address>—IP addresses to include in advertisements.

 <disable>—Disable router discovery.

 <interface>—Interfaces on which to configure router discovery.

 <traceoptions>—Trace options for router discovery.

<router-discovery> (configuration/protocols)

Usage <configuration>
 <protocols>
 <router-discovery>
 <disable/>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <address>...</address>
 </router-discovery>
 </protocols>
 </configuration>

Description ICMP router discovery options.

Contents <address>—IP addresses to include in advertisements.

 <disable>—Disable router discovery.

 <interface>—Interfaces on which to configure router discovery.

 <traceoptions>—Trace options for router discovery.

<router-discovery> (configuration/routing-instances/instance/protocols)

Usage	<pre> <configuration> <routing-instances> <instance> <protocols> <router-discovery> <disable/> <traceoptions>...</traceoptions> <interface>...</interface> <address>...</address> </router-discovery> </protocols> </instance> </routing-instances> </configuration> </pre>
Description	ICMP router discovery options.
Contents	<p><address>—IP addresses to include in advertisements.</p> <p><disable>—Disable router discovery.</p> <p><interface>—Interfaces on which to configure router discovery.</p> <p><traceoptions>—Trace options for router discovery.</p>

<routing> (configuration/system/processes)

Usage	<pre> <configuration> <system> <processes> <routing> <disable/> <failover>failover-choice</failover> </routing> </processes> </system> </configuration> </pre>
Description	Routing process.
Contents	<p><disable>—Disable routing process.</p> <p><failover>—How to handle failure of routing process.</p> <ul style="list-style-type: none"> ■ alternate-media—On failure, reboot off alternate media. ■ other-routing-engine—On failure, switch mastership to other Routing Engine.

<routing-engine> (configuration/chassis)

Usage	<pre><configuration> <chassis> <routing-engine> <on-disk-failure>...</on-disk-failure> </routing-engine> </chassis> </configuration></pre>
Description	Routing Engine settings.
Contents	<on-disk-failure>—Action to take when Routing Engine disk fails.

<routing-engine> (configuration/chassis/redundancy)

Usage	<pre><configuration> <chassis> <redundancy> <routing-engine> <name>name</name> <!-- identifier --> <master/> <backup/> <disabled/> </routing-engine> </redundancy> </chassis> </configuration></pre>
Description	Redundancy options for Routing Engines.
Contents	<p><backup>—Backup Routing Engine.</p> <p><disabled>—Routing Engine disabled.</p> <p><master>—Master Routing Engine.</p> <p><name>—Routing Engine slot number.</p>

<routing-engine-profile> (configuration/accounting-options)

Usage <configuration>
 <accounting-options>
 <routing-engine-profile>
 <name>*name*</name> <!-- identifier -->
 <file>*file*</file>
 <interval>*minutes*</interval>
 <fields>...</fields> <!-- mandatory -->
 </routing-engine-profile>
 </accounting-options>
 </configuration>

Description Routing Engine profile for accounting data.

Contents <fields>—Information to log to file.
 <file>—Name of file for accounting data.
 <interval>—Polling interval.
 <name>—Name of profile.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <tunnel>
 <routing-instance>
 <destination>*destination*</destination>
 </routing-instance>
 </tunnel>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Routing instance to which tunnel ends belong.

Contents <destination>—Routing instance of tunnel destination.

<routing-instance> (configuration/firewall/family/inet/filter/term/then)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
</configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/firewall/family/inet/filter/term/then/logical-system)

Usage <configuration>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <then>
 <logical-system>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </logical-system>
 </then>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/firewall/family/inet6/filter/term/then)

Usage <configuration>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
</configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/firewall/family/inet6/filter/term/then/logical-system)

Usage

```

<configuration>
  <firewall>
    <family>
      <inet6>
        <filter>
          <term>
            <then>
              <logical-system>
                <routing-instance>
                  <routing-instance-name>routing-instance-name
                  </routing-instance-name>    <!-- mandatory -->
                  <topology>topology</topology>
                </routing-instance>
              </logical-system>
            </then>
          </term>
        </filter>
      </inet6>
    </family>
  </firewall>
</configuration>

```

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

<topology>—Packets are directed to specified topology.

<routing-instance> (configuration/firewall/filter/term/then)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.
 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/firewall/filter/term/then/logical-system)

Usage <configuration>
 <firewall>
 <filter>
 <term>
 <then>
 <logical-system>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </logical-system>
 </then>
 </term>
 </filter>
 </firewall>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.
 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/forwarding-options/helpers/bootp/interface/server)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <server>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </server>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/forwarding-options/helpers/bootp/interface/server/logical-system)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <server>
 <logical-system>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </logical-system>
 </server>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/forwarding-options/helpers/bootp/server)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <server>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </server>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/forwarding-options/helpers/bootp/server/logical-system)

Usage <configuration>
 <forwarding-options>
 <helpers>
 <bootp>
 <server>
 <logical-system>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </logical-system>
 </server>
 </bootp>
 </helpers>
 </forwarding-options>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/interfaces/interface/unit/tunnel)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <tunnel>
 <routing-instance>
 <destination>*destination*</destination>
 </routing-instance>
 </tunnel>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Routing instance to which tunnel ends belong.

Contents <destination>—Routing instance of tunnel destination.

<routing-instance> (configuration/logical-systems/firewall/family/inet/filter/term/then)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </inet>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

<topology>—Packets are directed to specified topology.

<routing-instance> (configuration/logical-systems/firewall/family/inet/filter/term/then/logical-system)

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet>
          <filter>
            <term>
              <then>
                <logical-system>
                  <routing-instance>
                    <routing-instance-name>routing-instance-name
                      </routing-instance-name>    <!-- mandatory -->
                    <topology>topology</topology>
                  </routing-instance>
                </logical-system>
              </then>
            </term>
          </filter>
        </inet>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

<topology>—Packets are directed to specified topology.

<routing-instance> (configuration/logical-systems/firewall/family/inet6/filter/term/then)

Usage <configuration>
 <logical-systems>
 <firewall>
 <family>
 <inet6>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </inet6>
 </family>
 </firewall>
 </logical-systems>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/logical-systems/firewall/family/inet6/filter/term/then/logical-system)

Usage

```

<configuration>
  <logical-systems>
    <firewall>
      <family>
        <inet6>
          <filter>
            <term>
              <then>
                <logical-system>
                  <routing-instance>
                    <routing-instance-name>routing-instance-name
                      </routing-instance-name>    <!-- mandatory -->
                    <topology>topology</topology>
                  </routing-instance>
                </logical-system>
              </then>
            </term>
          </filter>
        </inet6>
      </family>
    </firewall>
  </logical-systems>
</configuration>

```

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

<topology>—Packets are directed to specified topology.

<routing-instance> (configuration/logical-systems/firewall/filter/term/then)

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <then>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </then>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.

 <topology>—Packets are directed to specified topology.

<routing-instance> (configuration/logical-systems/firewall/filter/term/then/logical-system)

Usage <configuration>
 <logical-systems>
 <firewall>
 <filter>
 <term>
 <then>
 <logical-system>
 <routing-instance>
 <routing-instance-name>*routing-instance-name*
 </routing-instance-name> <!-- mandatory -->
 <topology>*topology*</topology>
 </routing-instance>
 </logical-system>
 </then>
 </term>
 </filter>
 </firewall>
 </logical-systems>
 </configuration>

Description Packets are directed to specified routing instance.

Contents <routing-instance-name>—Name of routing instance.
 <topology>—Packets are directed to specified topology.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <tunnel>
 <routing-instance>
 <destination>*destination*</destination>
 </routing-instance>
 </tunnel>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Routing instance to which tunnel ends belong.

Contents <destination>—Routing instance of tunnel destination.

<routing-instance> (configuration/logical-systems/ routing-instances/instance/forwarding-options/helpers/bootp/ interface/server)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <server>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </server>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/interface/server/logical-system)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <interface>
                <server>
                  <logical-system>
                    <routing-instance>
                      <name>name</name>    <!-- identifier -->
                    </routing-instance>
                  </logical-system>
                </server>
              </interface>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/server)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <server>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </server>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/logical-systems/routing-instances/instance/forwarding-options/helpers/bootp/server/logical-system)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <forwarding-options>
          <helpers>
            <bootp>
              <server>
                <logical-system>
                  <routing-instance>
                    <name>name</name>    <!-- identifier -->
                  </routing-instance>
                </logical-system>
              </server>
            </bootp>
          </helpers>
        </forwarding-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/interface/server)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <interface>
 <server>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 </routing-instance>
 </server>
 </interface>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/interface/server/logical-system)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <interface>
              <server>
                <logical-system>
                  <routing-instance>
                    <name>name</name>    <!-- identifier -->
                  </routing-instance>
                </logical-system>
              </server>
            </interface>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/server)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <forwarding-options>
        <helpers>
          <bootp>
            <server>
              <routing-instance>
                <name>name</name>    <!-- identifier -->
              </routing-instance>
            </server>
          </bootp>
        </helpers>
      </forwarding-options>
    </instance>
  </routing-instances>
</configuration>

```

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/routing-instances/instance/forwarding-options/helpers/bootp/server/logical-system)

Usage <configuration>
 <routing-instances>
 <instance>
 <forwarding-options>
 <helpers>
 <bootp>
 <server>
 <logical-system>
 <routing-instance>
 <name>name</name> <!-- identifier -->
 </routing-instance>
 </logical-system>
 </server>
 </bootp>
 </helpers>
 </forwarding-options>
 </instance>
 </routing-instances>
 </configuration>

Description Routing instance of server to which to forward.

Contents <name>—Routing instance of server to which to forward.

<routing-instance> (configuration/services/pgcp/virtual-interface)

Usage <configuration>
 <services>
 <pgcp>
 <virtual-interface>
 <routing-instance>
 <routing-instance-name>routing-instance-name
 </routing-instance-name> <!-- mandatory -->
 <service-interface>service-interface</service-interface> <!-- mandatory -->
 </routing-instance>
 </virtual-interface>
 </pgcp>
 </services>
 </configuration>

Description Routing instance.

Contents <routing-instance-name>—Routing instance of server to which to forward.

<service-interface>—Service interface name.

<routing-instance> (configuration/snmp/community)

Usage <configuration>
 <snmp>
 <community>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 <client-list-name>*client-list-name*</client-list-name>
 <clients>...</clients>
 </routing-instance>
 </community>
 </snmp>
</configuration>

Description Use routing-instance name for v1/v2c clients.

Contents <client-list-name>—The name of client list or prefix list.
 <clients>—List of source address prefix ranges to accept.
 <name>—Routing instance of v1/v2c clients.

<routing-instance> (configuration/snmp/community/logical-system)

Usage <configuration>
 <snmp>
 <community>
 <logical-system>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 <client-list-name>*client-list-name*</client-list-name>
 <clients>...</clients>
 </routing-instance>
 </logical-system>
 </community>
 </snmp>
</configuration>

Description Use routing-instance name for v1/v2c clients.

Contents <client-list-name>—The name of client list or prefix list.
 <clients>—List of source address prefix ranges to accept.
 <name>—Routing instance of v1/v2c clients.

<routing-instance> (configuration/snmp/trap-options)

Usage <configuration>
 <snmp>
 <trap-options>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 <source-address>...</source-address>
 </routing-instance>
 </trap-options>
 </snmp>
 </configuration>

Description Use routing-instance name for source-address.

Contents <name>—Routing instance of trap destination.
 <source-address>—IPv4 source address for trap PDUs.

<routing-instance> (configuration/snmp/trap-options/logical-system)

Usage <configuration>
 <snmp>
 <trap-options>
 <logical-system>
 <routing-instance>
 <name>*name*</name> <!-- identifier -->
 <source-address>...</source-address>
 </routing-instance>
 </logical-system>
 </trap-options>
 </snmp>
 </configuration>

Description Use routing-instance name for source-address.

Contents <name>—Routing instance of trap destination.
 <source-address>—IPv4 source address for trap PDUs.

<routing-instance-access> (configuration/snmp)

Usage	<pre> <configuration> <snmp> <routing-instance-access> <access-list>...</access-list> </routing-instance-access> </snmp> </configuration> </pre>
Description	SNMP routing-instance options.
Contents	<access-list>—Allow/Deny SNMP access to routing-instances.

<routing-instances> (configuration)

Usage	<pre> <configuration> <routing-instances> <instance>...</instance> </routing-instances> </configuration> </pre>
Description	Routing instance configuration.
Contents	<instance>—No documentation is available yet.

<routing-instances> (configuration/class-of-service)

Usage	<pre> <configuration> <class-of-service> <routing-instances> <name>name</name> <!-- identifier --> <classifiers>...</classifiers> </routing-instances> </class-of-service> </configuration> </pre>
Description	Apply CoS options to routing instances with VRF table label.
Contents	<classifiers>—Classifiers applied to incoming packets. <name>—Routing instance name (or wildcard).

<routing-instances> (configuration/dynamic-profiles/class-of-service)

- Usage** `<configuration>
 <dynamic-profiles>
 <class-of-service>
 <routing-instances>
 <name>name</name> <!-- identifier -->
 <classifiers>...</classifiers>
 </routing-instances>
 </class-of-service>
 </dynamic-profiles>
</configuration>`
- Description** Apply CoS options to routing instances with VRF table label.
- Contents** `<classifiers>`—Classifiers applied to incoming packets.
- `<name>`—Routing instance name (or wildcard).

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

- Usage** `<configuration>
 <logical-systems>
 <routing-instances>
 <instance>...</instance>
 </routing-instances>
 </logical-systems>
</configuration>`
- Description** Routing instance configuration.
- Contents** `<instance>`—No documentation is available yet.

<routing-instances> (configuration/services/rpm/bgp)

- Usage** `<configuration>
 <services>
 <rpm>
 <bgp>
 <routing-instances>
 <name>name</name> <!-- identifier -->
 </routing-instances>
 </bgp>
 </rpm>
 </services>
</configuration>`
- Description** Routing instances.
- Contents** `<name>`—Routing instance name.

<routing-instances> (configuration/services/rpm/bgp/ logical-system)

Usage <configuration>
 <services>
 <rpm>
 <bgp>
 <logical-system>
 <routing-instances>
 <name>*name*</name> <!-- identifier -->
 </routing-instances>
 </logical-system>
 </bgp>
 </rpm>
 </services>
 </configuration>

Description Routing instances.

Contents <name>—Routing instance name.

<routing-options> (configuration)

Usage <configuration>
 <routing-options>
 <med-igp-update-interval>*med-igp-update-interval*</med-igp-update-interval>
 <bgp-orf-cisco-mode/>
 <ppm>...</ppm>
 <source-routing>...</source-routing>
 <traceoptions>...</traceoptions>
 <options>...</options>
 <graceful-restart>...</graceful-restart>
 <nonstop-routing/>
 <interface-routes>...</interface-routes>
 <rib>...</rib>
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 <rib-groups>...</rib-groups>
 <route-record/>
 <router-id>*router-id*</router-id>
 <route-distinguisher-id>*route-distinguisher-id*</route-distinguisher-id>
 <autonomous-system>...</autonomous-system>
 <confederation>...</confederation>
 <forwarding-table>...</forwarding-table>
 <resolution>...</resolution>
 <multicast>...</multicast>
 <instance-import>...</instance-import>
 <instance-export>...</instance-export>
 <auto-export>...</auto-export>
 <dynamic-tunnels>...</dynamic-tunnels>
 <flow>...</flow>
 <topologies>...</topologies>
 <fate-sharing>...</fate-sharing>
 </routing-options>
 </configuration>

Description Protocol-independent routing option configuration.

Contents <aggregate>—Coalesced routes.

<auto-export>—Export routes between routing instances.

<autonomous-system>—Autonomous system number.

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

<confederation>—Confederation autonomous system number.

<dynamic-tunnels>—Dynamic tunnel definitions.

<fate-sharing>—Fate-sharing links or nodes database.

<flow>—Locally defined flow routing information.

<forwarding-table>—No documentation is available yet.

<generate>—Route of last resort.

<graceful-restart>—Graceful or hitless routing restart options.

<instance-export>—Export policy for instance RIBs.

<instance-import>—Import policy for instance RIBs.

<interface-routes>—Define routing table groups for interface routes.

<martians>—Invalid routes.

<maximum-paths>—Maximum number of paths.

<maximum-prefixes>—Maximum number of prefixes.

<med-igp-update-interval>—Delay (in minutes) in updating MED IGP for bgp groups with 'delay-med-update' .

<multicast>—Global multicast options.

<multipath>—Protocol-independent load balancing.

<nonstop-routing>—Enable nonstop routing.

<options>—Miscellaneous options.

<ppm>—Set periodic packet management properties.

<resolution>—Route next-hop resolution options.

<rib>—Routing table options.

<rib-groups>—Group of routing tables.

<route-distinguisher-id>—Identifier used in route distinguishers for routing instances.

<route-record>—Enable route recording.

<router-id>—Router identifier.

<source-routing>—Source-routing options.

<static>—Static routes.

<topologies>—Define routing topologies.

<traceoptions>—Global routing protocol trace options.

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

Usage <configuration>
 <logical-systems>
 <routing-options>
 <med-igp-update-interval>*med-igp-update-interval*</med-igp-update-interval>
 <bgp-orf-cisco-mode/>
 <ppm>...</ppm>
 <source-routing>...</source-routing>
 <traceoptions>...</traceoptions>
 <options>...</options>
 <graceful-restart>...</graceful-restart>
 <nonstop-routing/>
 <interface-routes>...</interface-routes>
 <rib>...</rib>
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 <rib-groups>...</rib-groups>
 <route-record/>
 <router-id>*router-id*</router-id>
 <route-distinguisher-id>*route-distinguisher-id*</route-distinguisher-id>
 <autonomous-system>...</autonomous-system>
 <confederation>...</confederation>
 <forwarding-table>...</forwarding-table>
 <resolution>...</resolution>
 <multicast>...</multicast>
 <instance-import>...</instance-import>
 <instance-export>...</instance-export>
 <auto-export>...</auto-export>
 <dynamic-tunnels>...</dynamic-tunnels>
 <flow>...</flow>
 <topologies>...</topologies>
 <fate-sharing>...</fate-sharing>
 </routing-options>
 </logical-systems>
 </configuration>

Description Protocol-independent routing option configuration.

Contents <aggregate>—Coalesced routes.

<auto-export>—Export routes between routing instances.

<autonomous-system>—Autonomous system number.

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

<confederation>—Confederation autonomous system number.

<dynamic-tunnels>—Dynamic tunnel definitions.

<fate-sharing>—Fate-sharing links or nodes database.

<flow>—Locally defined flow routing information.

<forwarding-table>—No documentation is available yet.

<generate>—Route of last resort.

<graceful-restart>—Graceful or hitless routing restart options.

<instance-export>—Export policy for instance RIBs.

<instance-import>—Import policy for instance RIBs.

<interface-routes>—Define routing table groups for interface routes.

<martians>—Invalid routes.

<maximum-paths>—Maximum number of paths.

<maximum-prefixes>—Maximum number of prefixes.

<med-igp-update-interval>—Delay (in minutes) in updating MED IGP for bgp groups with 'delay-med-update' .

<multicast>—Global multicast options.

<multipath>—Protocol-independent load balancing.

<nonstop-routing>—Enable nonstop routing.

<options>—Miscellaneous options.

<ppm>—Set periodic packet management properties.

<resolution>—Route next-hop resolution options.

<rib>—Routing table options.

<rib-groups>—Group of routing tables.

<route-distinguisher-id>—Identifier used in route distinguishers for routing instances.

<route-record>—Enable route recording.

<router-id>—Router identifier.

<source-routing>—Source-routing options.

`<static>`—Static routes.

`<topologies>`—Define routing topologies.

`<traceoptions>`—Global routing protocol trace options.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <routing-options>
          <med-igp-update-interval>med-igp-update-interval</med-igp-update-interval>
          <bgp-orf-cisco-mode/>
          <ppm>...</ppm>
          <source-routing>...</source-routing>
          <traceoptions>...</traceoptions>
          <options>...</options>
          <graceful-restart>...</graceful-restart>
          <nonstop-routing/>
          <interface-routes>...</interface-routes>
          <rib>...</rib>
          <static>...</static>
          <martians>...</martians>
          <aggregate>...</aggregate>
          <generate>...</generate>
          <maximum-paths>...</maximum-paths>
          <maximum-prefixes>...</maximum-prefixes>
          <multipath>...</multipath>
          <rib-groups>...</rib-groups>
          <route-record/>
          <router-id>router-id</router-id>
          <route-distinguisher-id>route-distinguisher-id</route-distinguisher-id>
          <autonomous-system>...</autonomous-system>
          <confederation>...</confederation>
          <forwarding-table>...</forwarding-table>
          <resolution>...</resolution>
          <multicast>...</multicast>
          <instance-import>...</instance-import>
          <instance-export>...</instance-export>
          <auto-export>...</auto-export>
          <dynamic-tunnels>...</dynamic-tunnels>
          <flow>...</flow>
          <topologies>...</topologies>
          <fate-sharing>...</fate-sharing>
        </routing-options>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Protocol-independent routing option configuration.

Contents <aggregate>—Coalesced routes.

<auto-export>—Export routes between routing instances.

<autonomous-system>—Autonomous system number.

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

<confederation>—Confederation autonomous system number.

<dynamic-tunnels>—Dynamic tunnel definitions.

<fate-sharing>—Fate-sharing links or nodes database.

<flow>—Locally defined flow routing information.

<forwarding-table>—No documentation is available yet.

<generate>—Route of last resort.

<graceful-restart>—Graceful or hitless routing restart options.

<instance-export>—Export policy for instance RIBs.

<instance-import>—Import policy for instance RIBs.

<interface-routes>—Define routing table groups for interface routes.

<martians>—Invalid routes.

<maximum-paths>—Maximum number of paths.

<maximum-prefixes>—Maximum number of prefixes.

<med-igp-update-interval>—Delay (in minutes) in updating MED IGP for bgp groups with 'delay-med-update' .

<multicast>—Global multicast options.

<multipath>—Protocol-independent load balancing.

<nonstop-routing>—Enable nonstop routing.

<options>—Miscellaneous options.

<ppm>—Set periodic packet management properties.

<resolution>—Route next-hop resolution options.

<rib>—Routing table options.

<rib-groups>—Group of routing tables.

<route-distinguisher-id>—Identifier used in route distinguishers for routing instances.

<route-record>—Enable route recording.

<router-id>—Router identifier.

<source-routing>—Source-routing options.

<static>—Static routes.

<topologies>—Define routing topologies.

<traceoptions>—Global routing protocol trace options.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <med-igp-update-interval>*med-igp-update-interval*</med-igp-update-interval>
 <bgp-orf-cisco-mode/>
 <ppm>...</ppm>
 <source-routing>...</source-routing>
 <traceoptions>...</traceoptions>
 <options>...</options>
 <graceful-restart>...</graceful-restart>
 <nonstop-routing/>
 <interface-routes>...</interface-routes>
 <rib>...</rib>
 <static>...</static>
 <martians>...</martians>
 <aggregate>...</aggregate>
 <generate>...</generate>
 <maximum-paths>...</maximum-paths>
 <maximum-prefixes>...</maximum-prefixes>
 <multipath>...</multipath>
 <rib-groups>...</rib-groups>
 <route-record/>
 <router-id>*router-id*</router-id>
 <route-distinguisher-id>*route-distinguisher-id*</route-distinguisher-id>
 <autonomous-system>...</autonomous-system>
 <confederation>...</confederation>
 <forwarding-table>...</forwarding-table>
 <resolution>...</resolution>
 <multicast>...</multicast>
 <instance-import>...</instance-import>
 <instance-export>...</instance-export>
 <auto-export>...</auto-export>
 <dynamic-tunnels>...</dynamic-tunnels>
 <flow>...</flow>
 <topologies>...</topologies>
 <fate-sharing>...</fate-sharing>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Protocol-independent routing option configuration.

Contents <aggregate>—Coalesced routes.

<auto-export>—Export routes between routing instances.

<autonomous-system>—Autonomous system number.

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

<confederation>—Confederation autonomous system number.

<dynamic-tunnels>—Dynamic tunnel definitions.

<fate-sharing>—Fate-sharing links or nodes database.

<flow>—Locally defined flow routing information.

<forwarding-table>—No documentation is available yet.

<generate>—Route of last resort.

<graceful-restart>—Graceful or hitless routing restart options.

<instance-export>—Export policy for instance RIBs.

<instance-import>—Import policy for instance RIBs.

<interface-routes>—Define routing table groups for interface routes.

<martians>—Invalid routes.

<maximum-paths>—Maximum number of paths.

<maximum-prefixes>—Maximum number of prefixes.

<med-igp-update-interval>—Delay (in minutes) in updating MED IGP for bgp groups with 'delay-med-update' .

<multicast>—Global multicast options.

<multipath>—Protocol-independent load balancing.

<nonstop-routing>—Enable nonstop routing.

<options>—Miscellaneous options.

<ppm>—Set periodic packet management properties.

<resolution>—Route next-hop resolution options.

<rib>—Routing table options.

<rib-groups>—Group of routing tables.

<route-distinguisher-id>—Identifier used in route distinguishers for routing instances.

<route-record>—Enable route recording.

<router-id>—Router identifier.

<source-routing>—Source-routing options.

<static>—Static routes.

<topologies>—Define routing topologies.

<traceoptions>—Global routing protocol trace options.

<routing-socket-proxy> (configuration/system/processes)

Usage <configuration>
 <system>
 <processes>
 <routing-socket-proxy>
 <disable/>
 <failover>*failover-choice*</failover>
 </routing-socket-proxy>
 </processes>
 </system>
 </configuration>

Description Routing socket proxy process.

Contents <disable>—Disable routing socket proxy process.

 <failover>—How to handle failure of routing socket proxy process.

- alternate-media—On failure, reboot off alternate media.
- other-routing-engine—On failure, switch mastership to other Routing Engine.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <pim>
 <rp>
 <bootstrap-priority>*bootstrap-priority*</bootstrap-priority>
 <bootstrap-import>...</bootstrap-import>
 <bootstrap-export>...</bootstrap-export>
 <bootstrap>...</bootstrap>
 <rp-register-policy>...</rp-register-policy>
 <dr-register-policy>...</dr-register-policy>
 <local>...</local>
 <embedded-rp>...</embedded-rp>
 <auto-rp>...</auto-rp>
 <static>...</static>
 </rp>
 </pim>
 </protocols>
 </logical-systems>
 </configuration>

Description Router's rendezvous point properties.

Contents <auto-rp>—Set auto-RP mode (IPv4 only).

<bootstrap>—Bootstrap properties.

<bootstrap-export>—Bootstrap export policy (IPv4 only).

<bootstrap-import>—Bootstrap import policy (IPv4 only).

<bootstrap-priority>—Eligibility to be the bootstrap router (IPv4 only).

<dr-register-policy>—DR policy applied to outgoing register messages.

<embedded-rp>—Set embedded-RP mode (IPv6 only).

<local>—Router's local RP properties.

<rp-register-policy>—RP policy applied to incoming register messages.

<static>—Configure static PIM RPs.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <bootstrap-priority>*bootstrap-priority*</bootstrap-priority>
 <bootstrap-import>...</bootstrap-import>
 <bootstrap-export>...</bootstrap-export>
 <bootstrap>...</bootstrap>
 <rp-register-policy>...</rp-register-policy>
 <dr-register-policy>...</dr-register-policy>
 <local>...</local>
 <embedded-rp>...</embedded-rp>
 <auto-rp>...</auto-rp>
 <static>...</static>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
</configuration>

Description Router's rendezvous point properties.

Contents <auto-rp>—Set auto-RP mode (IPv4 only).

<bootstrap>—Bootstrap properties.

<bootstrap-export>—Bootstrap export policy (IPv4 only).

<bootstrap-import>—Bootstrap import policy (IPv4 only).

<bootstrap-priority>—Eligibility to be the bootstrap router (IPv4 only).

<dr-register-policy>—DR policy applied to outgoing register messages.

<embedded-rp>—Set embedded-RP mode (IPv6 only).

<local>—Router's local RP properties.

<rp-register-policy>—RP policy applied to incoming register messages.

<static>—Configure static PIM RPs.

<rp> (configuration/protocols/pim)

Usage <configuration>
 <protocols>
 <pim>
 <rp>
 <bootstrap-priority>*bootstrap-priority*</bootstrap-priority>
 <bootstrap-import>...</bootstrap-import>
 <bootstrap-export>...</bootstrap-export>
 <bootstrap>...</bootstrap>
 <rp-register-policy>...</rp-register-policy>
 <dr-register-policy>...</dr-register-policy>
 <local>...</local>
 <embedded-rp>...</embedded-rp>
 <auto-rp>...</auto-rp>
 <static>...</static>
 </rp>
 </pim>
 </protocols>
 </configuration>

Description Router's rendezvous point properties.

Contents <auto-rp>—Set auto-RP mode (IPv4 only).
 <bootstrap>—Bootstrap properties.
 <bootstrap-export>—Bootstrap export policy (IPv4 only).
 <bootstrap-import>—Bootstrap import policy (IPv4 only).
 <bootstrap-priority>—Eligibility to be the bootstrap router (IPv4 only).
 <dr-register-policy>—DR policy applied to outgoing register messages.
 <embedded-rp>—Set embedded-RP mode (IPv6 only).
 <local>—Router's local RP properties.
 <rp-register-policy>—RP policy applied to incoming register messages.
 <static>—Configure static PIM RPs.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <bootstrap-priority>*bootstrap-priority*</bootstrap-priority>
 <bootstrap-import>...</bootstrap-import>
 <bootstrap-export>...</bootstrap-export>
 <bootstrap>...</bootstrap>
 <rp-register-policy>...</rp-register-policy>
 <dr-register-policy>...</dr-register-policy>
 <local>...</local>
 <embedded-rp>...</embedded-rp>
 <auto-rp>...</auto-rp>
 <static>...</static>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Router's rendezvous point properties.

Contents <auto-rp>—Set auto-RP mode (IPv4 only).

<bootstrap>—Bootstrap properties.

<bootstrap-export>—Bootstrap export policy (IPv4 only).

<bootstrap-import>—Bootstrap import policy (IPv4 only).

<bootstrap-priority>—Eligibility to be the bootstrap router (IPv4 only).

<dr-register-policy>—DR policy applied to outgoing register messages.

<embedded-rp>—Set embedded-RP mode (IPv6 only).

<local>—Router's local RP properties.

<rp-register-policy>—RP policy applied to incoming register messages.

<static>—Configure static PIM RPs.

<rp-register-policy> (configuration/logical-systems/protocols/pim/rp)

Usage <configuration>
 <logical-systems>
 <protocols>
 <pim>
 <rp>
 <rp-register-policy>
 <name>*name*</name> <!-- identifier -->
 </rp-register-policy>
 </rp>
 </pim>
 </protocols>
 </logical-systems>
 </configuration>

Description RP policy applied to incoming register messages.

Contents <name>—RP policy applied to incoming register messages.

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

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <rp-register-policy>
 <name>*name*</name> <!-- identifier -->
 </rp-register-policy>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
</logical-systems>
</configuration>

Description RP policy applied to incoming register messages.

Contents <name>—RP policy applied to incoming register messages.

<rp-register-policy> (configuration/protocols/pim/rp)

Usage <configuration>
 <protocols>
 <pim>
 <rp>
 <rp-register-policy>
 <name>name</name> <!-- identifier -->
 </rp-register-policy>
 </rp>
 </pim>
 </protocols>
 </configuration>

Description RP policy applied to incoming register messages.

Contents <name>—RP policy applied to incoming register messages.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <rp-register-policy>
 <name>name</name> <!-- identifier -->
 </rp-register-policy>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description RP policy applied to incoming register messages.

Contents <name>—RP policy applied to incoming register messages.

<rp-set> (configuration/logical-systems/protocols/pim/rp/local/family/inet/anycast-pim)

Usage

```

<configuration>
  <logical-systems>
    <protocols>
      <pim>
        <rp>
          <local>
            <family>
              <inet>
                <anycast-pim>
                  <rp-set>
                    <address>...</address>
                  </rp-set>
                </anycast-pim>
              </inet>
            </family>
          </local>
        </rp>
      </pim>
    </protocols>
  </logical-systems>
</configuration>

```

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv4 address of one or more remote anycast RPs.

<rp-set> (configuration/logical-systems/protocols/pim/rp/local/family/inet6/anycast-pim)

Usage <configuration>
 <logical-systems>
 <protocols>
 <pim>
 <rp>
 <local>
 <family>
 <inet6>
 <anycast-pim>
 <rp-set>
 <address>...</address>
 </rp-set>
 </anycast-pim>
 </inet6>
 </family>
 </local>
 </rp>
 </pim>
 </protocols>
 </logical-systems>
 </configuration>

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv6 address of one or more remote anycast RPs.

<rp-set> (configuration/logical-systems/routing-instances/instance/protocols/pim/rp/local/family/inet/anycast-pim)

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <pim>
            <rp>
              <local>
                <family>
                  <inet>
                    <anycast-pim>
                      <rp-set>
                        <address>...</address>
                      </rp-set>
                    </anycast-pim>
                  </inet>
                </family>
              </local>
            </rp>
          </pim>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv4 address of one or more remote anycast RPs.

<rp-set> (configuration/logical-systems/routing-instances/instance/protocols/pim/rp/local/family/inet6/anycast-pim)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <local>
 <family>
 <inet6>
 <anycast-pim>
 <rp-set>
 <address>...</address>
 </rp-set>
 </anycast-pim>
 </inet6>
 </family>
 </local>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv6 address of one or more remote anycast RPs.

<rp-set> (configuration/protocols/pim/rp/local/family/inet/anycast-pim)

Usage

```

<configuration>
  <protocols>
    <pim>
      <rp>
        <local>
          <family>
            <inet>
              <anycast-pim>
                <rp-set>
                  <address>...</address>
                </rp-set>
              </anycast-pim>
            </inet>
          </family>
        </local>
      </rp>
    </pim>
  </protocols>
</configuration>

```

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv4 address of one or more remote anycast RPs.

<rp-set> (configuration/protocols/pim/rp/local/family/inet6/anycast-pim)

Usage

```

<configuration>
  <protocols>
    <pim>
      <rp>
        <local>
          <family>
            <inet6>
              <anycast-pim>
                <rp-set>
                  <address>...</address>
                </rp-set>
              </anycast-pim>
            </inet6>
          </family>
        </local>
      </rp>
    </pim>
  </protocols>
</configuration>

```

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv6 address of one or more remote anycast RPs.

<rp-set> (configuration/routing-instances/instance/protocols/pim/rp/local/family/inet/anycast-pim)

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <pim>
 <rp>
 <local>
 <family>
 <inet>
 <anycast-pim>
 <rp-set>
 <address>...</address>
 </rp-set>
 </anycast-pim>
 </inet>
 </family>
 </local>
 </rp>
 </pim>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv4 address of one or more remote anycast RPs.

<rp-set> (configuration/routing-instances/instance/protocols/pim/rp/local/family/inet6/anycast-pim)

Usage

```

<configuration>
  <routing-instances>
    <instance>
      <protocols>
        <pim>
          <rp>
            <local>
              <family>
                <inet6>
                  <anycast-pim>
                    <rp-set>
                      <address>...</address>
                    </rp-set>
                  </anycast-pim>
                </inet6>
              </family>
            </local>
          </rp>
        </pim>
      </protocols>
    </instance>
  </routing-instances>
</configuration>

```

Description Rendezvous points belonging to anycast RP set.

Contents <address>—IPv6 address of one or more remote anycast RPs.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <rpf-check>
 <fail-filter>*fail-filter*</fail-filter>
 <mode>...</mode>
 </rpf-check>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.

 <mode>—Mode for reverse path forwarding.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet6>
              <rpf-check>
                <fail-filter>fail-filter</fail-filter>
                <mode>...</mode>
              </rpf-check>
            </inet6>
          </family>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.

<mode>—Mode for reverse path forwarding.

<rpf-check> (configuration/interfaces/interface/unit/family/inet)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <rpf-check>
              <fail-filter>fail-filter</fail-filter>
              <mode>...</mode>
            </rpf-check>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.

<mode>—Mode for reverse path forwarding.

<rpf-check> (configuration/interfaces/interface/unit/family/inet6)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <rpf-check>
 <fail-filter>*fail-filter*</fail-filter>
 <mode>...</mode>
 </rpf-check>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.
 <mode>—Mode for reverse path forwarding.

<rpf-check> (configuration/logical-systems/interfaces/interface/unit/family/inet)

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <rpf-check>
 <fail-filter>*fail-filter*</fail-filter>
 <mode>...</mode>
 </rpf-check>
 </inet>
 </family>
 </unit>
 </interface>
 </logical-systems>
 </configuration>

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.
 <mode>—Mode for reverse path forwarding.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet6>
 <rpf-check>
 <fail-filter>*fail-filter*</fail-filter>
 <mode>...</mode>
 </rpf-check>
 </inet6>
 </family>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description Enable reverse-path-forwarding checks on this interface.

Contents <fail-filter>—Name of filter applied to packets failing RPF check.

<mode>—Mode for reverse path forwarding.

<rpf-check-policy> (configuration/logical-systems/routing-instances/instance/routing-options/multicast)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <rpf-check-policy>
 <name>*name*</name> <!-- identifier -->
 </rpf-check-policy>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description Disable RPF check for a source group pair.

Contents <name>—Disable RPF check for a source group pair.

<rpf-check-policy> (configuration/logical-systems/routing-options/multicast)

Usage <configuration>
 <logical-systems>
 <routing-options>
 <multicast>
 <rpf-check-policy>
 <name>name</name> <!-- identifier -->
 </rpf-check-policy>
 </multicast>
 </routing-options>
 </logical-systems>
 </configuration>

Description Disable RPF check for a source group pair.

Contents <name>—Disable RPF check for a source group pair.

<rpf-check-policy> (configuration/routing-instances/instance/routing-options/multicast)

Usage <configuration>
 <routing-instances>
 <instance>
 <routing-options>
 <multicast>
 <rpf-check-policy>
 <name>name</name> <!-- identifier -->
 </rpf-check-policy>
 </multicast>
 </routing-options>
 </instance>
 </routing-instances>
 </configuration>

Description Disable RPF check for a source group pair.

Contents <name>—Disable RPF check for a source group pair.

<rpf-check-policy> (configuration/routing-options/multicast)

Usage	<pre> <configuration> <routing-options> <multicast> <rpf-check-policy> <name>name</name> <!-- identifier --> </rpf-check-policy> </multicast> </routing-options> </configuration> </pre>
Description	Disable RPF check for a source group pair.
Contents	<name>—Disable RPF check for a source group pair.

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

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <rpm> <client/> <server/> <twamp-server/> </rpm> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Enable RPM service on this interface.
Contents	<p><client>—Client mode.</p> <p><server>—Server mode.</p> <p><twamp-server>—Set TWAMP server mode on this interface.</p>

<rpm> (configuration/interfaces/interface/unit)

Usage	<pre> <configuration> <interfaces> <interface> <unit> <rpm> <client/> <server/> <twamp-server/> </rpm> </unit> </interface> </interfaces> </configuration> </pre>
Description	Enable RPM service on this interface.
Contents	<p><client>—Client mode.</p> <p><server>—Server mode.</p> <p><twamp-server>—Set TWAMP server mode on this interface.</p>

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

Usage	<pre> <configuration> <logical-systems> <interfaces> <interface> <unit> <rpm> <client/> <server/> <twamp-server/> </rpm> </unit> </interface> </interfaces> </logical-systems> </configuration> </pre>
Description	Enable RPM service on this interface.
Contents	<p><client>—Client mode.</p> <p><server>—Server mode.</p> <p><twamp-server>—Set TWAMP server mode on this interface.</p>

<rpm> (configuration/services)

Usage <configuration>
 <services>
 <rpm>
 <bgp>...</bgp>
 <probe>...</probe>
 <probe-server>...</probe-server>
 <probe-limit>*probe-limit*</probe-limit>
 <twamp>...</twamp>
 </rpm>
 </services>
 </configuration>

Description Real-time performance monitoring.

Contents <bgp>—BGP options for real-time performance monitoring.

 <probe>—TCP/UDP/ICMP ping.

 <probe-limit>—Maximum number of concurrent probes allowed.

 <probe-server>—ICMP/TCP/UDP probe server.

 <twamp>—Two-way Active Measurement Protocol configuration.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <rstp>
 <disable/>
 <bpu-destination-mac-address>*bpu-destination-mac-address-choice*
 </bpu-destination-mac-address>
 <bridge-priority>*bridge-priority*</bridge-priority>
 <max-age>*seconds*</max-age>
 <hello-time>*seconds*</hello-time>
 <forward-delay>*seconds*</forward-delay>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <extended-system-id>*extended-system-id*</extended-system-id>
 <force-version>*force-version-choice*</force-version>
 </rstp>
 </protocols>
 </logical-systems>
 </configuration>

Description Rapid Spanning Tree Protocol options.

Contents <bpu-destination-mac-address>—Destination MAC address in the spanning tree BPDUs.

■ provider-bridge-group—802.1ad provider bridge group address.

<bridge-priority>—Priority of the bridge (in increments of 4k - 0,4k,8k,...60k).

<disable>—Disable STP.

<extended-system-id>—Extended system identifier.

<force-version>—Force protocol version.

■ stp—Spanning tree protocol.

<forward-delay>—Time spent in listening or learning state.

<hello-time>—Time interval between configuration BPDUs.

<interface>—Interface options.

<max-age>—Maximum age of received protocol bpu.

<traceoptions>—Tracing options for debugging protocol operation.

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

Usage

```

<configuration>
  <logical-systems>
    <routing-instances>
      <instance>
        <protocols>
          <rstp>
            <disable/>
            <bpd-destination-mac-address>bpd-destination-mac-address-choice
              </bpd-destination-mac-address>
            <bridge-priority>bridge-priority</bridge-priority>
            <max-age>seconds</max-age>
            <hello-time>seconds</hello-time>
            <forward-delay>seconds</forward-delay>
            <traceoptions>...</traceoptions>
            <interface>...</interface>
            <extended-system-id>extended-system-id</extended-system-id>
            <force-version>force-version-choice</force-version>
          </rstp>
        </protocols>
      </instance>
    </routing-instances>
  </logical-systems>
</configuration>

```

Description RSTP configuration.

Contents <bpd-destination-mac-address>—Destination MAC address in the spanning tree BPDUs.

- provider-bridge-group—802.1ad provider bridge group address.

<bridge-priority>—Priority of the bridge (in increments of 4k - 0,4k,8k,..60k).

<disable>—Disable STP.

<extended-system-id>—Extended system identifier.

<force-version>—Force protocol version.

- stp—Spanning tree protocol.

<forward-delay>—Time spent in listening or learning state.

<hello-time>—Time interval between configuration BPDUs.

<interface>—Interface options.

<max-age>—Maximum age of received protocol bpd.

<traceoptions>—Tracing options for debugging protocol operation.

<rstp> (configuration/protocols)

Usage <configuration>
 <protocols>
 <rstp>
 <disable/>
 <bpdudestinationmacaddress>*bpdudestinationmacaddress-choice*
 </bpdudestinationmacaddress>
 <bridgepriority>*bridgepriority*</bridgepriority>
 <maxage>*seconds*</maxage>
 <hellotime>*seconds*</hellotime>
 <forwarddelay>*seconds*</forwarddelay>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <extendedsystemid>*extendedsystemid*</extendedsystemid>
 <forceversion>*forceversion-choice*</forceversion>
 </rstp>
 </protocols>
 </configuration>

Description Rapid Spanning Tree Protocol options.

Contents <bpdudestinationmacaddress>—Destination MAC address in the spanning tree BPDUs.

■ <providerbridgegroup>—802.1ad provider bridge group address.

<bridgepriority>—Priority of the bridge (in increments of 4k - 0,4k,8k,..60k).

<disable>—Disable STP.

<extendedsystemid>—Extended system identifier.

<forceversion>—Force protocol version.

■ <stp>—Spanning tree protocol.

<forwarddelay>—Time spent in listening or learning state.

<hellotime>—Time interval between configuration BPDUs.

<interface>—Interface options.

<maxage>—Maximum age of received protocol bpdud.

<traceoptions>—Tracing options for debugging protocol operation.

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

Usage <configuration>
 <routing-instances>
 <instance>
 <protocols>
 <rstp>
 <disable/>
 <bpdu-destination-mac-address>*bpdu-destination-mac-address-choice*
 </bpdu-destination-mac-address>
 <bridge-priority>*bridge-priority*</bridge-priority>
 <max-age>*seconds*</max-age>
 <hello-time>*seconds*</hello-time>
 <forward-delay>*seconds*</forward-delay>
 <traceoptions>...</traceoptions>
 <interface>...</interface>
 <extended-system-id>*extended-system-id*</extended-system-id>
 <force-version>*force-version-choice*</force-version>
 </rstp>
 </protocols>
 </instance>
 </routing-instances>
 </configuration>

Description RSTP configuration.

Contents <bpdu-destination-mac-address>—Destination MAC address in the spanning tree BPDUs.

- **provider-bridge-group**—802.1ad provider bridge group address.

<bridge-priority>—Priority of the bridge (in increments of 4k - 0,4k,8k,..60k).

<disable>—Disable STP.

<extended-system-id>—Extended system identifier.

<force-version>—Force protocol version.

- **stp**—Spanning tree protocol.

<forward-delay>—Time spent in listening or learning state.

<hello-time>—Time interval between configuration BPDUs.

<interface>—Interface options.

<max-age>—Maximum age of received protocol bpdu.

<traceoptions>—Tracing options for debugging protocol operation.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <rsvp>
 <disable/>
 <graceful-restart>...</graceful-restart>
 <tunnel-services>...</tunnel-services>
 <no-p2mp-sublsp/>
 <fast-reroute>...</fast-reroute>
 <load-balance>...</load-balance>
 <traceoptions>...</traceoptions>
 <refresh-time>*refresh-time*</refresh-time>
 <keep-multiplier>*keep-multiplier*</keep-multiplier>
 <graceful-deletion-timeout>*seconds*</graceful-deletion-timeout>
 <preemption>...</preemption>
 <interface>...</interface>
 <peer-interface>...</peer-interface>
 </rsvp>
 </protocols>
 </logical-systems>
 </configuration>

Description RSVP options.

Contents <disable>—Disable RSVP.

<fast-reroute>—One-to-one fast-reroute protection mechanism.

<graceful-deletion-timeout>—Time to complete graceful deletion signaling.

<graceful-restart>—Configure graceful restart attributes.

<interface>—RSVP interface options.

<keep-multiplier>—Keep multiplier.

<load-balance>—Per-packet load-balancing algorithm.

<no-p2mp-sublsp>—Disable P2MP sub-LSP object generation.

<peer-interface>—Configuration for peer interface.

<preemption>—Set RSVP session preemption attributes.

<refresh-time>—Refresh time.

<traceoptions>—Trace options for RSVP.

<tunnel-services>—Use tunnel services for P2MP LSP ultimate-hop popping.

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

Usage <configuration>
 <logical-systems>
 <protocols>
 <mpls>
 <path-mtu>
 <rsvp>
 <mtu-signaling/>
 </rsvp>
 </path-mtu>
 </mpls>
 </protocols>
 </logical-systems>
 </configuration>

Description RSVP-specific path MTU options.

Contents <mtu-signaling>—Enable RSVP path MTU signaling.

<rsvp> (configuration/protocols)

Usage <configuration>
 <protocols>
 <rsvp>
 <disable/>
 <graceful-restart>...</graceful-restart>
 <tunnel-services>...</tunnel-services>
 <no-p2mp-sublsp/>
 <fast-reroute>...</fast-reroute>
 <load-balance>...</load-balance>
 <traceoptions>...</traceoptions>
 <refresh-time>*refresh-time*</refresh-time>
 <keep-multiplier>*keep-multiplier*</keep-multiplier>
 <graceful-deletion-timeout>*seconds*</graceful-deletion-timeout>
 <preemption>...</preemption>
 <interface>...</interface>
 <peer-interface>...</peer-interface>
 </rsvp>
 </protocols>
 </configuration>

Description RSVP options.

Contents <disable>—Disable RSVP.

<fast-reroute>—One-to-one fast-reroute protection mechanism.

<graceful-deletion-timeout>—Time to complete graceful deletion signaling.

<graceful-restart>—Configure graceful restart attributes.

<interface>—RSVP interface options.

<keep-multiplier>—Keep multiplier.

<load-balance>—Per-packet load-balancing algorithm.

<no-p2mp-sublsp>—Disable P2MP sub-LSP object generation.

<peer-interface>—Configuration for peer interface.

<preemption>—Set RSVP session preemption attributes.

<refresh-time>—Refresh time.

<traceoptions>—Trace options for RSVP.

<tunnel-services>—Use tunnel services for P2MP LSP ultimate-hop popping.

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

Usage <configuration>
 <protocols>
 <mpls>
 <path-mtu>
 <rsvp>
 <mtu-signaling/>
 </rsvp>
 </path-mtu>
 </mpls>
 </protocols>
 </configuration>

Description RSVP-specific path MTU options.

Contents <mtu-signaling>—Enable RSVP path MTU signaling.

<rsvp-te> (configuration/logical-systems/routing-instances/instance/provider-tunnel)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <rsvp-te>
 <static-lsp>static-lsp</static-lsp>
 <label-switched-path-template>...</label-switched-path-template>
 </rsvp-te>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description RSVP-TE point-to-multipoint LSP for flooding.

Contents <label-switched-path-template>—Template for dynamic point-to-multipoint LSP parameters.

<static-lsp>—Name of point-to-multipoint LSP.

<rsvp-te> (configuration/logical-systems/routing-instances/instance/provider-tunnel/selective/group/source)

Usage <configuration>
 <logical-systems>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <selective>
 <group>
 <source>
 <rsvp-te>
 <static-lsp>*static-lsp*</static-lsp>
 <label-switched-path-template>...</label-switched-path-template>
 </rsvp-te>
 </source>
 </group>
 </selective>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </logical-systems>
 </configuration>

Description RSVP-TE point-to-multipoint LSP for flooding.

Contents <label-switched-path-template>—Template for dynamic point-to-multipoint LSP parameters.

<static-lsp>—Name of point-to-multipoint LSP.

<rsvp-te> (configuration/routing-instances/instance/provider-tunnel)

Usage <configuration>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <rsvp-te>
 <static-lsp>*static-lsp*</static-lsp>
 <label-switched-path-template>...</label-switched-path-template>
 </rsvp-te>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </configuration>

Description RSVP-TE point-to-multipoint LSP for flooding.

Contents <label-switched-path-template>—Template for dynamic point-to-multipoint LSP parameters.

<static-lsp>—Name of point-to-multipoint LSP.

<rsvp-te> (configuration/routing-instances/instance/provider-tunnel/selective/group/source)

Usage <configuration>
 <routing-instances>
 <instance>
 <provider-tunnel>
 <selective>
 <group>
 <source>
 <rsvp-te>
 <static-lsp>static-lsp</static-lsp>
 <label-switched-path-template>...</label-switched-path-template>
 </rsvp-te>
 </source>
 </group>
 </selective>
 </provider-tunnel>
 </instance>
 </routing-instances>
 </configuration>

Description RSVP-TE point-to-multipoint LSP for flooding.

Contents <label-switched-path-template>—Template for dynamic point-to-multipoint LSP parameters.

 <static-lsp>—Name of point-to-multipoint LSP.

<rtcp> (configuration/services/pgcp/gateway/h248-properties/traffic-management/max-burst-size)

Usage	<pre><configuration> <services> <pgcp> <gateway> <h248-properties> <traffic-management> <max-burst-size> <rtcp> <percentage>percent</percentage> <fixed-value>bytes-per-second</fixed-value> </rtcp> </max-burst-size> </traffic-management> </h248-properties> </gateway> </pgcp> </services> </configuration></pre>
Description	Default rtcp rate.
Contents	<p><fixed-value>—Value entered is a fixed one.</p> <p><percentage>—Value entered is percentage of RTP's parallel value.</p>

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

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <h248-properties>
 <traffic-management>
 <peak-data-rate>
 <rtcp>
 <percentage>*percent*</percentage>
 <fixed-value>*bytes-per-second*</fixed-value>
 </rtcp>
 </peak-data-rate>
 </traffic-management>
 </h248-properties>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description Default rtcp rate.

Contents <fixed-value>—Value entered is a fixed one.

 <percentage>—Value entered is percentage of RTP's parallel value.

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

Usage <configuration>
 <services>
 <pgcp>
 <gateway>
 <h248-properties>
 <traffic-management>
 <sustained-data-rate>
 <rtcp>
 <percentage>*percent*</percentage>
 <fixed-value>*bytes-per-second*</fixed-value>
 </rtcp>
 </sustained-data-rate>
 </traffic-management>
 </h248-properties>
 </gateway>
 </pgcp>
 </services>
 </configuration>

Description Default rtcp rate.

Contents <fixed-value>—Value entered is a fixed one.
 <percentage>—Value entered is percentage of RTP's parallel value.

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

Usage

```

<configuration>
  <dynamic-profiles>
    <interfaces>
      <interface>
        <unit>
          <compression>
            <rtp>
              <f-max-period>f-max-period</f-max-period>
              <queues>...</queues>
              <port>...</port>
              <maximum-contexts>...</maximum-contexts>
            </rtp>
          </compression>
        </unit>
      </interface>
    </interfaces>
  </dynamic-profiles>
</configuration>

```

Description Compress and decompress RTP.

Contents <f-max-period>—Maximum number of compressed packets between transmission of full headers.

<maximum-contexts>—Maximum number of simultaneous RTP contexts.

<port>—UDP destination ports reserved for RTP packets.

<queues>—Queue holding RTP packets. Default is queue 1.

<rtp> (configuration/interfaces/interface/unit/compression)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <compression>
 <rtp>
 <f-max-period>*f-max-period*</f-max-period>
 <queues>...</queues>
 <port>...</port>
 <maximum-contexts>...</maximum-contexts>
 </rtp>
 </compression>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description Compress and decompress RTP.

Contents <f-max-period>—Maximum number of compressed packets between transmission of full headers.

 <maximum-contexts>—Maximum number of simultaneous RTP contexts.

 <port>—UDP destination ports reserved for RTP packets.

 <queues>—Queue holding RTP packets. Default is queue 1.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <compression>
            <rtp>
              <f-max-period>f-max-period</f-max-period>
              <queues>...</queues>
              <port>...</port>
              <maximum-contexts>...</maximum-contexts>
            </rtp>
          </compression>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description Compress and decompress RTP.

Contents <f-max-period>—Maximum number of compressed packets between transmission of full headers.

<maximum-contexts>—Maximum number of simultaneous RTP contexts.

<port>—UDP destination ports reserved for RTP packets.

<queues>—Queue holding RTP packets. Default is queue 1.

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

Usage	<pre><configuration> <services> <ggsn> <service-identification> <rtsp-rule> <term> <from> <rtsp> <uri>...</uri> </rtsp> </from> </term> </rtsp-rule> </service-identification> </ggsn> </services> </configuration></pre>
Description	Match RTSP sessions.
Contents	<uri>—URI settings.

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

Usage	<pre><configuration> <services> <ggsn> <service-identification> <rtsp-rule> <name>name</name> <!-- identifier --> <term>...</term> <!-- mandatory --> </rtsp-rule> </service-identification> </ggsn> </services> </configuration></pre>
Description	RTSP rule.
Contents	<name>—Rule name. <term>—Define a service identification term.

<rtsp-rule-set> (configuration/services/ggsn/service-identification)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <rtsp-rule-set>
 <name>name</name> <!-- identifier -->
 <rule>...</rule>
 </rtsp-rule-set>
 </service-identification>
 </ggsn>
 </services>
</configuration>

Description Define a set of RTSP rules.

Contents <name>—Name of the rule set.
 <rule>—Rule to be included in this rule set.

<rtvbr> (configuration/dynamic-profiles/interfaces/interface/atm-options/vpi/shaping)

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <atm-options>
 <vpi>
 <shaping>
 <rtvbr>
 <peak>peak</peak> <!-- mandatory -->
 <sustained>sustained</sustained> <!-- mandatory -->
 <burst>burst</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </vpi>
 </atm-options>
 </interface>
 </interfaces>
 </dynamic-profiles>
</configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.
 <peak>—Peak rate.
 <sustained>—Sustained rate.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <family>
 <inet>
 <address>
 <multipoint-destination>
 <shaping>
 <rtvbr>
 <peak>*peak*</peak> <!-- mandatory -->
 <sustained>*sustained*</sustained> <!-- mandatory -->
 <burst>*burst*</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </multipoint-destination>
 </address>
 </inet>
 </family>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.
 <peak>—Peak rate.
 <sustained>—Sustained rate.

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

Usage <configuration>
 <dynamic-profiles>
 <interfaces>
 <interface>
 <unit>
 <shaping>
 <rtvbr>
 <peak>*peak*</peak> <!-- mandatory -->
 <sustained>*sustained*</sustained> <!-- mandatory -->
 <burst>*burst*</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </unit>
 </interface>
 </interfaces>
 </dynamic-profiles>
 </configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.

 <peak>—Peak rate.

 <sustained>—Sustained rate.

<rtvbr> (configuration/interfaces/interface/atm-options/vpi/shaping)

Usage <configuration>
 <interfaces>
 <interface>
 <atm-options>
 <vpi>
 <shaping>
 <rtvbr>
 <peak>*peak*</peak> <!-- mandatory -->
 <sustained>*sustained*</sustained> <!-- mandatory -->
 <burst>*burst*</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </vpi>
 </atm-options>
 </interface>
 </interfaces>
 </configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.
 <peak>—Peak rate.
 <sustained>—Sustained rate.

<rtvbr> (configuration/interfaces/interface/unit/family/inet/address/multipoint-destination/shaping)

Usage

```

<configuration>
  <interfaces>
    <interface>
      <unit>
        <family>
          <inet>
            <address>
              <multipoint-destination>
                <shaping>
                  <rtvbr>
                    <peak>peak</peak>    <!-- mandatory -->
                    <sustained>sustained</sustained>    <!-- mandatory -->
                    <burst>burst</burst>    <!-- mandatory -->
                  </rtvbr>
                </shaping>
              </multipoint-destination>
            </address>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</configuration>

```

Description ATM2 real-time variable bandwidth utilization.

Contents

- <burst>—Burst size.
- <peak>—Peak rate.
- <sustained>—Sustained rate.

<rtvbr> (configuration/interfaces/interface/unit/shaping)

Usage <configuration>
 <interfaces>
 <interface>
 <unit>
 <shaping>
 <rtvbr>
 <peak>*peak*</peak> <!-- mandatory -->
 <sustained>*sustained*</sustained> <!-- mandatory -->
 <burst>*burst*</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </unit>
 </interface>
 </interfaces>
 </configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.
 <peak>—Peak rate.
 <sustained>—Sustained rate.

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

Usage

```

<configuration>
  <logical-systems>
    <interfaces>
      <interface>
        <unit>
          <family>
            <inet>
              <address>
                <multipoint-destination>
                  <shaping>
                    <rtvbr>
                      <peak>peak</peak>    <!-- mandatory -->
                      <sustained>sustained</sustained>    <!-- mandatory -->
                      <burst>burst</burst>    <!-- mandatory -->
                    </rtvbr>
                  </shaping>
                </multipoint-destination>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </logical-systems>
</configuration>

```

Description ATM2 real-time variable bandwidth utilization.

Contents

- <burst>—Burst size.
- <peak>—Peak rate.
- <sustained>—Sustained rate.

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

Usage <configuration>
 <logical-systems>
 <interfaces>
 <interface>
 <unit>
 <shaping>
 <rtvbr>
 <peak>*peak*</peak> <!-- mandatory -->
 <sustained>*sustained*</sustained> <!-- mandatory -->
 <burst>*burst*</burst> <!-- mandatory -->
 </rtvbr>
 </shaping>
 </unit>
 </interface>
 </interfaces>
 </logical-systems>
 </configuration>

Description ATM2 real-time variable bandwidth utilization.

Contents <burst>—Burst size.
 <peak>—Peak rate.
 <sustained>—Sustained rate.

<rule> (configuration/services/cos)

Usage	<pre> <configuration> <services> <cos> <rule> <name>name</name> <!-- identifier --> <match-direction>match-direction-choice </match-direction> <!-- mandatory --> <term>...</term> <!-- mandatory --> </rule> </cos> </services> </configuration> </pre>
Description	One or more CoS rules.
Contents	<p><match-direction>—Direction for which the rule match is applied.</p> <ul style="list-style-type: none"> ■ input—Match on input to interface. ■ input-output—Match on input to or output from interface. ■ output—Match on output from interface. <p><name>—Rule name.</p> <p><term>—One or more terms in CoS rule.</p>

<rule> (configuration/services/cos/rule-set)

Usage	<pre> <configuration> <services> <cos> <rule-set> <rule> <name>name</name> <!-- identifier --> </rule> </rule-set> </cos> </services> </configuration> </pre>
Description	Rule to be included in this rule set.
Contents	<name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/dns-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <dns-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </dns-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/ftp-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <ftp-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </ftp-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/header-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <header-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </header-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/heuristic-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <heuristic-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </heuristic-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/http-wsp-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <http-wsp-rule-set>
 <rule>
 <name>*name*</name> <!-- identifier -->
 </rule>
 </http-wsp-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/msn-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <msn-rule-set>
 <rule>
 <name>*name*</name> <!-- identifier -->
 </rule>
 </msn-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/pop3-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <pop3-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </pop3-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/rtsp-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <rtsp-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </rtsp-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/sip-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <sip-rule-set>
 <rule>
 <name>*name*</name> <!-- identifier -->
 </rule>
 </sip-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/smtp-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <smtp-rule-set>
 <rule>
 <name>*name*</name> <!-- identifier -->
 </rule>
 </smtp-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ggsn/service-identification/tftp-rule-set)

Usage <configuration>
 <services>
 <ggsn>
 <service-identification>
 <tftp-rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </tftp-rule-set>
 </service-identification>
 </ggsn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ids)

Usage <configuration>
 <services>
 <ids>
 <rule>
 <name>name</name> <!-- identifier -->
 <match-direction>match-direction-choice
 </match-direction> <!-- mandatory -->
 <term>...</term> <!-- mandatory -->
 </rule>
 </ids>
 </services>
 </configuration>

Description Define an IDS rule.

Contents <match-direction>—Direction for which the rule match is applied.

- input—Match on input to interface.
- input-output—Match on input to and output from interface.
- output—Match on output from interface.

<name>—Rule name.

<term>—Define an IDS term.

<rule> (configuration/services/ids/rule-set)

Usage <configuration>
 <services>
 <ids>
 <rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </rule-set>
 </ids>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/ipsec-vpn)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <rule>
 <name>name</name> <!-- identifier -->
 <term>...</term> <!-- mandatory -->
 <match-direction>match-direction-choice
 </match-direction> <!-- mandatory -->
 </rule>
 </ipsec-vpn>
 </services>
 </configuration>

Description Define an IPSec rule.

Contents <match-direction>—Direction for which the rule match is applied.

- input—Match on input to interface.
- output—Match on output from interface.

<name>—Rule name.

<term>—Define an IPSec term.

<rule> (configuration/services/ipsec-vpn/rule-set)

Usage <configuration>
 <services>
 <ipsec-vpn>
 <rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </rule-set>
 </ipsec-vpn>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/nat)

Usage <configuration>
 <services>
 <nat>
 <rule>
 <name>name</name> <!-- identifier -->
 <match-direction>match-direction-choice
 </match-direction> <!-- mandatory -->
 <term>...</term> <!-- mandatory -->
 </rule>
 </nat>
 </services>
 </configuration>

Description Define a NAT rule.

Contents <match-direction>—Direction for which the rule match is applied.

- input—Match on input to interface.
- output—Match on output from interface.

<name>—Rule name.

<term>—Define a NAT term.

<rule> (configuration/services/nat/rule-set)

Usage <configuration>
 <services>
 <nat>
 <rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </rule-set>
 </nat>
 </services>
 </configuration>

Description Rule to be included in this rule set.

Contents <name>—Rule name.

<rule> (configuration/services/pgcp)

Usage <configuration>
 <services>
 <pgcp>
 <rule>
 <name>name</name> <!-- identifier -->
 <gateway>gateway</gateway> <!-- mandatory -->
 <media-service>...</media-service> <!-- mandatory -->
 </rule>
 </pgcp>
 </services>
 </configuration>

Description One or more PGCP rules.

Contents <gateway>—Gateway Name.

<media-service>—No documentation is available yet.

<name>—Rule name.

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

Usage `<configuration>
 <services>
 <pgcp>
 <rule-set>
 <rule>
 <name>name</name> <!-- identifier -->
 </rule>
 </rule-set>
 </pgcp>
 </services>
</configuration>`

Description Rule to be included in this rule set.

Contents `<name>`—Rule name.

<rule> (configuration/services/stateful-firewall)

Usage `<configuration>
 <services>
 <stateful-firewall>
 <rule>
 <name>name</name> <!-- identifier -->
 <match-direction>match-direction-choice
 </match-direction> <!-- mandatory -->
 <term>...</term> <!-- mandatory -->
 </rule>
 </stateful-firewall>
 </services>
</configuration>`

Description Define a stateful firewall rule.

Contents `<match-direction>`—Direction for which the rule match is applied.

- `input`—Match on input to interface.
- `input-output`—Match on input to or output from interface.
- `output`—Match on output from interface.

`<name>`—Rule name.

`<term>`—Define a stateful firewall term.

<rule> (configuration/services/stateful-firewall/rule-set)

Usage	<pre><configuration> <services> <stateful-firewall> <rule-set> <rule> <name>name</name> <!-- identifier --> </rule> </rule-set> </stateful-firewall> </services> </configuration></pre>
Description	Rule to be included in this rule set.
Contents	<name>—Rule name.

<rule-set> (configuration/services/cos)

Usage	<pre><configuration> <services> <cos> <rule-set> <name>name</name> <!-- identifier --> <rule>...</rule> </rule-set> </cos> </services> </configuration></pre>
Description	Define a Set of CoS rules.
Contents	<name>—Name of the rule set. <rule>—Rule to be included in this rule set.

<rule-set> (configuration/services/ids)

Usage	<pre><configuration> <services> <ids> <rule-set> <name>name</name> <!-- identifier --> <rule>...</rule> </rule-set> </ids> </services> </configuration></pre>
Description	Define a set of IDS rules.
Contents	<p><name>—Name of the rule set.</p> <p><rule>—Rule to be included in this rule set.</p>

<rule-set> (configuration/services/ipsec-vpn)

Usage	<pre><configuration> <services> <ipsec-vpn> <rule-set> <name>name</name> <!-- identifier --> <rule>...</rule> </rule-set> </ipsec-vpn> </services> </configuration></pre>
Description	Defines a set of IPSec rules.
Contents	<p><name>—Name of the rule set.</p> <p><rule>—Rule to be included in this rule set.</p>

<rule-set> (configuration/services/nat)

Usage	<pre> <configuration> <services> <nat> <rule-set> <name>name</name> <!-- identifier --> <rule>...</rule> </rule-set> </nat> </services> </configuration> </pre>
Description	Defines a set of NAT rules.
Contents	<p><name>—Name of the rule set.</p> <p><rule>—Rule to be included in this rule set.</p>

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

Usage	<pre> <configuration> <services> <pgcp> <rule-set> <name>name</name> <!-- identifier --> <rule>...</rule> </rule-set> </pgcp> </services> </configuration> </pre>
Description	Define a Set of PGCP rules.
Contents	<p><name>—Name of the rule set.</p> <p><rule>—Rule to be included in this rule set.</p>

<rule-set> (configuration/services/stateful-firewall)

Usage <configuration>
 <services>
 <stateful-firewall>
 <rule-set>
 <name>name</name> <!-- identifier -->
 <rule>...</rule>
 </rule-set>
 </stateful-firewall>
 </services>
 </configuration>

Description Define a set of stateful firewall rules.

Contents <name>—Name of the rule set.

 <rule>—Rule to be included in this rule set.

<rule-space> (configuration/services/ggsn)

Usage <configuration>
 <services>
 <ggsn>
 <rule-space>
 <name>*name*</name> <!-- identifier -->
 <service-set>*service-set*</service-set> <!-- mandatory -->
 <buffer-pending-authorization>...</buffer-pending-authorization>
 <drop-pending-authorization>...</drop-pending-authorization>
 <pass-through-pending-authorization>...</pass-through-pending-authorization>
 <redirect-map>...</redirect-map>
 <time-based-charging>...</time-based-charging>
 <quota-handling>...</quota-handling>
 <rating-group>...</rating-group>
 <enable-access-control-rules/>
 <always-allowed-service-identifiers>...</always-allowed-service-identifiers>
 <access-control-group>...</access-control-group>
 <initial-redirect/>
 <local-policy-control>...</local-policy-control>
 <bandwidth-control>...</bandwidth-control>
 <redirect-with-acknowledgement>...</redirect-with-acknowledgement>
 </rule-space>
 </ggsn>
 </services>
 </configuration>

Description Rule space configuration for charging control.

Contents <access-control-group>—Access control group settings.

<always-allowed-service-identifiers>—Always allowed service identifiers.

<bandwidth-control>—Bandwidth control settings.

<buffer-pending-authorization>—Settings for buffering packets pending authorization.

<drop-pending-authorization>—List of service identifiers for which payload will dropped while waiting for authorization.

<enable-access-control-rules>—Access control rules enabled using service-id as access-control-rule id.

<initial-redirect>—Redirect services at first access.

<local-policy-control>—Local policy control settings.

<name>—Rule space name.

<pass-through-pending-authorization>—Settings for passing through packets pending authorization.

<quota-handling>—Quota handling preferences.

`<rating-group>`—Classification of service-identifiers to Rating Groups, and explicit barring of services.

`<redirect-map>`—Mapping service identifiers to redirect sets.

`<redirect-with-acknowledgement>`—Settings for redirect with acknowledgement.

`<service-set>`—The service-set correlating to the rule-space.

`<time-based-charging>`—Rating group related configuration.

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

Usage

```

<configuration>
  <services>
    <ggsn>
      <apn>
        <user-category>
          <category>
            <rule-space>
              <default>default</default>    <!-- mandatory -->
              <default-secondary>default-secondary</default-secondary>
            </rule-space>
          </category>
        </user-category>
      </apn>
    </ggsn>
  </services>
</configuration>

```

Description Default rule space settings.

Contents `<default>`—Default rule space to apply initially to all contexts.

`<default-secondary>`—Default rule space to apply to secondary contexts.

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

Usage	<pre> <configuration> <services> <ggsn> <apn> <user-category> <default> <rule-space> <default>default</default> <!-- mandatory --> <default-secondary>default-secondary</default-secondary> </rule-space> </default> </user-category> </apn> </ggsn> </services> </configuration> </pre>
Description	Default rule space settings.
Contents	<p><default>—Default rule space to apply initially to all contexts.</p> <p><default-secondary>—Default rule space to apply to secondary contexts.</p>

<rule-space> (configuration/services/ggsn/charging/cdr-attribute/enhanced-cdr/service-data-attributes)

Usage	<pre> <configuration> <services> <ggsn> <charging> <cdr-attribute> <enhanced-cdr> <service-data-attributes> <rule-space> <name>name</name> <!-- identifier --> <service-id-level-reporting>...</service-id-level-reporting> </rule-space> </service-data-attributes> </enhanced-cdr> </cdr-attribute> </charging> </ggsn> </services> </configuration> </pre>
Description	Setting for enhanced CDRs handling in rule-space.
Contents	<p><name>—Apply setting to rule space .</p> <p><service-id-level-reporting>—Report CDRs on SI level.</p>

