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• logging level clk_mgr, on page 180
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- logging max_messages, on page 308
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- logging server, on page 314
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• lsp, on page 330
• lsp attributes, on page 331
l2rib dup-host-mac-detection

{ no l2rib dup-host-mac-detection } | { l2rib dup-host-mac-detection <num-of-moves> <duration> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>l2rib</td>
<td>Layer 2 routing information base</td>
</tr>
<tr>
<td>dup-host-mac-detection</td>
<td>Set Duplicate-Host-MAC-Detection parameters</td>
</tr>
<tr>
<td>num-of-moves</td>
<td>Number of host moves to be allowed</td>
</tr>
<tr>
<td>duration</td>
<td>Duplicate detection timeout in secs for host moves</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
l2rib dup-host-mac-recovery

{ no l2rib dup-host-mac-recovery } | { l2rib dup-host-mac-recovery <timeout> <retry-count> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>l2rib</td>
<td>Layer 2 routing information base</td>
</tr>
<tr>
<td>dup-host-mac-recovery</td>
<td>Set Duplicate-Host-MAC-Recovery (Unfreeze) parameters</td>
</tr>
<tr>
<td>timeout</td>
<td>Unfreeze timeout (secs)</td>
</tr>
<tr>
<td>retry-count</td>
<td>Unfreeze retry count</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
**l2rib event-history size**

```
l2rib event-history { client-tbl | ead-pl | errors | mac | mac-ip | misc-obj | rmac | topology | tx-infra | server } size { default | medium | high | very-high }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>l2rib</th>
<th>Layer 2 routing information base</th>
</tr>
</thead>
<tbody>
<tr>
<td>event-history</td>
<td>Set event-history size for L2RIB</td>
</tr>
<tr>
<td>client-tbl</td>
<td>L2RIB Client, Producer, Consumer Tables Event Logs</td>
</tr>
<tr>
<td>ead-pl</td>
<td>L2RIB EAD, Path-List Objects Event Logs</td>
</tr>
<tr>
<td>errors</td>
<td>L2RIB Error Logs</td>
</tr>
<tr>
<td>mac</td>
<td>L2RIB MAC Object Event Logs</td>
</tr>
<tr>
<td>mac-ip</td>
<td>L2RIB MAC Object Event Logs</td>
</tr>
<tr>
<td>misc-obj</td>
<td>L2RIB IMET, Flood-List, ARP-Signal, Peer ID, Startup-Routes Objects Event Logs</td>
</tr>
<tr>
<td>rmac</td>
<td>L2RIB Router MAC Object Event Logs</td>
</tr>
<tr>
<td>topology</td>
<td>L2RIB Topology Object Event Logs</td>
</tr>
<tr>
<td>tx-infra</td>
<td>L2RIB TxList, TxSend, TxThread Event Logs</td>
</tr>
<tr>
<td>server</td>
<td>L2RIB Sysmgr, PSS, HA Logs</td>
</tr>
<tr>
<td>size</td>
<td>Size</td>
</tr>
<tr>
<td>default</td>
<td>Default (Low)</td>
</tr>
<tr>
<td>medium</td>
<td>Medium</td>
</tr>
<tr>
<td>high</td>
<td>High</td>
</tr>
<tr>
<td>very-high</td>
<td>Very High</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
**l3vm event-history**

```bash
[no] l3vm event-history { pss | errors | mts | reinit | cli | vrf | topology } { size { <size_in_text> | <size_in_Kbytes> } }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>l3vm</td>
<td>Debug L3VM information</td>
</tr>
<tr>
<td>event-history</td>
<td>Log debug events into event history buffer</td>
</tr>
<tr>
<td>pss</td>
<td>L3VM pss operation</td>
</tr>
<tr>
<td>errors</td>
<td>L3VM errors</td>
</tr>
<tr>
<td>mts</td>
<td>L3VM MTS messages</td>
</tr>
<tr>
<td>reinit</td>
<td>L3VM reinit events</td>
</tr>
<tr>
<td>cli</td>
<td>Log L3VM CLI related events</td>
</tr>
<tr>
<td>vrf</td>
<td>Log VRF related events</td>
</tr>
<tr>
<td>topology</td>
<td>Log Topology related events</td>
</tr>
<tr>
<td>size</td>
<td>Configure the size of the event-hist buffer</td>
</tr>
<tr>
<td>size_in_text</td>
<td>Buffer size</td>
</tr>
<tr>
<td>size_in_Kbytes</td>
<td>Size of the file in kbytes</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec`
label-allocation-mode per-vrf

[no] label-allocation-mode per-vrf

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>label-allocation-mode</td>
<td>Configure label allocation mode</td>
</tr>
<tr>
<td>per-vrf</td>
<td>per VRF label allocation mode</td>
</tr>
</tbody>
</table>

**Command Mode**

**label allocate global**

[no] label allocate global { all-routes | host-routes | prefix-list <pfx-list> }

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>label</td>
<td>LDP label configuration</td>
</tr>
<tr>
<td>allocate</td>
<td>Allocate local labels</td>
</tr>
<tr>
<td>global</td>
<td>Specify default VPN Routing/Forwarding instance</td>
</tr>
<tr>
<td>all-routes</td>
<td>Allocate local labels for all routes</td>
</tr>
<tr>
<td>host-routes</td>
<td>Allocate local labels for host routes only (default)</td>
</tr>
<tr>
<td>prefix-list</td>
<td>Specify a prefix-list for local label filtering</td>
</tr>
<tr>
<td>pfx-list</td>
<td>IP prefix-list for destination prefixes</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/ldp
**lacp fast-select-hot-standby**

`lacp fast-select-hot-standby | no lacp fast-select-hot-standby`

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>fast-select-hot-standby</td>
<td>Configure fast select for hot standby ports. Enabling this feature will allow fast selection of hot standby port when last active port in the port-channel is going down.</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-eth-port-channel-switch /exec/configure/if-eth-port-channel`  
  `/exec/configure/if-eth-port-channel-p2p`
lACP mode delay

[no] lACP mode delay

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lACP</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>mode</td>
<td>Enter the LACP mode</td>
</tr>
<tr>
<td>delay</td>
<td>Configure delayed lACP on the port-channel</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-eth-port-channel-switch` /`exec/configure/if-eth-port-channel`
- `/exec/configure/if-eth-port-channel-p2p`
**lacp port-priority**

lacp port-priority <port-pri> | no lacp port-priority

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>port-priority</td>
<td>Set LACP port priority</td>
</tr>
<tr>
<td>port-pri</td>
<td>Enter port priority</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all
**lacp rapid-transition**

lacp rapid-transition | no lacp rapid-transition

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>rapid-transition</td>
<td>Optimizes LACP timers for rapid transition from P-&gt;I, I-&gt;P state</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
**lacp rate**

`lacp rate <rate_type>`

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>rate</td>
<td>Configure rate at which PDUs are sent by LACP</td>
</tr>
<tr>
<td>rate_type</td>
<td>Rate type</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-ethernet`
- `/exec/configure/if-ethernet-switch`
- `/exec/configure/if-ethernet-all`
- `/exec/configure/if-ethernet-m`
- `/exec/configure/if-ethernet-switch-m`
- `/exec/configure/if-remote-ethernet`
- `/exec/configure/if-remote-ethernet-switch`
**Iacp rate**

[no] lacp rate

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>rate</td>
<td>Configure rate at which PDUs are sent by LACP</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-ethernet`
- `/exec/configure/if-ethernet-switch`
- `/exec/configure/if-ethernet-all`
- `/exec/configure/if-ethernet-m`
- `/exec/configure/if-ethernet-switch-m`
- `/exec/configure/if-remote-ethernet`
- `/exec/configure/if-remote-ethernet-switch`
**lacp system-priority**

`lacp system-priority <sys-pri> | no lacp system-priority`

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lacp</td>
<td>Set LACP parameters for the interface</td>
</tr>
<tr>
<td>system-priority</td>
<td>Set LACP system priority</td>
</tr>
<tr>
<td>sys-pri</td>
<td>Enter System Priority</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
**last**

```
last [ <lines> ]
```

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Pipe command output to filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>last</td>
<td>Display last lines</td>
</tr>
<tr>
<td>lines</td>
<td>(Optional) number of lines to print</td>
</tr>
</tbody>
</table>

**Command Mode**

- /output
layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>layer-2</td>
<td>set layer2 multicast lkup mode</td>
</tr>
<tr>
<td>multicast</td>
<td>set layer2 multicast rkup mode</td>
</tr>
<tr>
<td>lookup</td>
<td>lkup type can be either mac or ip based</td>
</tr>
<tr>
<td>mac</td>
<td>set mac based multicast lkup mode</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vlan
layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>layer-2</td>
<td>set layer2 multicast lookup mode</td>
</tr>
<tr>
<td>multicast</td>
<td>set layer2 multicast lookup mode</td>
</tr>
<tr>
<td>lookup</td>
<td>lookup type can be either mac or ip based</td>
</tr>
<tr>
<td>mac</td>
<td>set mac based multicast lookup mode</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>layer-2</td>
<td>set layer2 multicast lookup mode</td>
</tr>
<tr>
<td>multicast</td>
<td>set layer2 multicast lookup mode</td>
</tr>
<tr>
<td>lookup</td>
<td>lookup type can be either mac or ip based</td>
</tr>
<tr>
<td>mac</td>
<td>set mac based multicast lookup mode</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/vlan-config` /`exec/configure/bdomain`
layer2-switched flow monitor input

[no] layer2-switched flow monitor <monitorname> input

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>layer2-switched</td>
<td>Configure L2 features</td>
</tr>
<tr>
<td>flow</td>
<td>NetFlow related commands</td>
</tr>
<tr>
<td>monitor</td>
<td>Apply a Flow Monitor to this interface</td>
</tr>
<tr>
<td>monitorname</td>
<td>Name of Flow Monitor</td>
</tr>
<tr>
<td>input</td>
<td>Apply Flow Monitor on input traffic</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
layer2-switched flow monitor input

[no] layer2-switched flow monitor <monitornname> input

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>layer2-switched</td>
<td>Configure L2 features</td>
</tr>
<tr>
<td>flow</td>
<td>NetFlow related commands</td>
</tr>
<tr>
<td>monitor</td>
<td>Apply a Flow Monitor to this interface</td>
</tr>
<tr>
<td>monitornname</td>
<td>Name of Flow Monitor</td>
</tr>
<tr>
<td>input</td>
<td>Apply Flow Monitor on input traffic</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-switching
layer3 peer-router

layer3 peer-router | no layer3 peer-router

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>layer3</td>
<td>Enable layer 3 functionality</td>
</tr>
<tr>
<td>peer-router</td>
<td>no change for TTL of packets destined to the peer</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/vpc-domain
layer3 peer-router syslog

layer3 peer-router syslog [ interval <syslog-interval> ] | no layer3 peer-router syslog

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>layer3</td>
<td>Enable layer 3 functionality</td>
</tr>
<tr>
<td>peer-router</td>
<td>no change for TTL of packets destined to the peer</td>
</tr>
<tr>
<td>syslog</td>
<td>print layer 3 protocol syslog</td>
</tr>
<tr>
<td>interval</td>
<td>(Optional) how frequent to print the syslog</td>
</tr>
<tr>
<td>syslog-interval</td>
<td>(Optional) how many seconds to print a syslog</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vpc-domain
ldap-search-map

[no] ldap-search-map

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-search-map</td>
<td>Set one of the configured search-map as active</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/ldap
**ldap-search-map**

```
ldap-search-map <s0>
```

**Syntax Description**

<table>
<thead>
<tr>
<th>ldap-search-map</th>
<th>Set one of the configured search-map as active</th>
</tr>
</thead>
<tbody>
<tr>
<td>s0</td>
<td>Name of the search-map</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/ldap`
**ldap-server deadtime**

```
[no] ldap-server deadtime <i0>
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-server</td>
<td>Configure LDAP related parameters</td>
</tr>
<tr>
<td>deadtime</td>
<td>Global LDAP server deadtime period in seconds</td>
</tr>
<tr>
<td>i0</td>
<td>LDAP server deadtime period in minutes (default 0 mins -disabled)</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
ldap-server host

[no] ldap-server host { <hostname> } [ { enable-ssl | port <i1> [ timeout <i2> ] | rootDN <s0> [ password { 7 <s1> { [ port1 <i3> [ timeout1 <i4> ] } | { [ timeout5 <i9> ] } | <s2> { [ port2 <i5> [ timeout2 <i6> ] ] } | { [ timeout4 <i8> ] } } ] | timeout3 <i7> } ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-server</td>
<td>Configure LDAP related parameters</td>
</tr>
<tr>
<td>host</td>
<td>LDAP server's DNS name or IP address</td>
</tr>
<tr>
<td>hostname</td>
<td>IPV4/IPV6 address or DNS name</td>
</tr>
<tr>
<td>enable-ssl</td>
<td>(Optional) LDAP server enable ssl</td>
</tr>
<tr>
<td>port</td>
<td>(Optional) LDAP server's port (default: global config)</td>
</tr>
<tr>
<td>i1</td>
<td>(Optional) port number</td>
</tr>
<tr>
<td>timeout</td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td>i2</td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
<tr>
<td>rootDN</td>
<td>(Optional) LDAP server root DN</td>
</tr>
<tr>
<td>s0</td>
<td>(Optional) root DN</td>
</tr>
<tr>
<td>password</td>
<td>(Optional) LDAP server root password</td>
</tr>
<tr>
<td>7</td>
<td>(Optional) LDAP root password (encrypted)</td>
</tr>
<tr>
<td>s1</td>
<td>(Optional) password (encrypted)</td>
</tr>
<tr>
<td>port1</td>
<td>(Optional) LDAP server's port (default: global config)</td>
</tr>
<tr>
<td>i3</td>
<td>(Optional) port number</td>
</tr>
<tr>
<td>timeout1</td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td>i4</td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
<tr>
<td>s2</td>
<td>(Optional) password (clear text)</td>
</tr>
<tr>
<td>port2</td>
<td>(Optional) LDAP server's port (default: global config)</td>
</tr>
<tr>
<td>i5</td>
<td>(Optional) port number</td>
</tr>
<tr>
<td>timeout2</td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td>i6</td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
<tr>
<td>timeout3</td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td></td>
<td>Description</td>
</tr>
<tr>
<td>---</td>
<td>-------------</td>
</tr>
<tr>
<td><code>i7</code></td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
<tr>
<td><code>timeout4</code></td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td><code>i8</code></td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
<tr>
<td><code>timeout5</code></td>
<td>(Optional) LDAP server timeout period in seconds</td>
</tr>
<tr>
<td><code>i9</code></td>
<td>(Optional) LDAP server timeout in seconds (default: global config)</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
Idap-server host test rootDN

[no] ldap-server host { <hostipname> } test rootDN <r1> { { username <s0> { [ password { [ 7 <s2> | <s1> } [ idle-time <i1> ] } | [ idle-time <i1> ] } } | { [ password { [ 7 <s2> | <s1> ] } [ idle-time <i1> ] } | { [ idle-time <i1> ] } } }

Syntax Description

<table>
<thead>
<tr>
<th>username</th>
<th>(Optional) &lt;s0&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-server</td>
<td>Configure LDAP related parameters</td>
</tr>
<tr>
<td>host</td>
<td>LDAP server's IP address</td>
</tr>
<tr>
<td>hostipname</td>
<td>IPV4/IPV6 address or DNS name</td>
</tr>
<tr>
<td>test</td>
<td>Parameters to send test packets</td>
</tr>
<tr>
<td>7</td>
<td>(Optional) LDAP test password (encrypted)</td>
</tr>
<tr>
<td>s0</td>
<td>(Optional) user name</td>
</tr>
<tr>
<td>password</td>
<td>(Optional) user password in test packets</td>
</tr>
<tr>
<td>s1</td>
<td>(Optional) test password</td>
</tr>
<tr>
<td>s2</td>
<td>(Optional) test password (encrypted)</td>
</tr>
<tr>
<td>rootDN</td>
<td>rootDN in test packets</td>
</tr>
<tr>
<td>r1</td>
<td>root DN</td>
</tr>
<tr>
<td>idle-time</td>
<td>(Optional) time interval for monitoring the server</td>
</tr>
<tr>
<td>i1</td>
<td>(Optional) time period in minutes</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
ldap-server port

[no] ldap-server port <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-server</td>
<td>Configure LDAP related parameters</td>
</tr>
<tr>
<td>port</td>
<td>Global LDAP server's port (default 389)</td>
</tr>
<tr>
<td>i0</td>
<td>port number</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
**ldap-server timeout**

```
[no] ldap-server timeout <i0>
```

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>ldap-server</td>
<td>Configure LDAP related parameters</td>
</tr>
<tr>
<td>timeout</td>
<td>Global LDAP server timeout period in seconds</td>
</tr>
<tr>
<td>i0</td>
<td>LDAP server timeout period in seconds (default 5 sec)</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
Idap search-map

[no] Idap search-map <s0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idap</td>
<td>Configure information about Idap</td>
</tr>
<tr>
<td>search-map</td>
<td>Configure the search-map</td>
</tr>
<tr>
<td>s0</td>
<td>Search Map Name</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
less

| less [-d | -E ] +

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pipe command output to filter</td>
</tr>
<tr>
<td>less</td>
<td>Filter for paging</td>
</tr>
<tr>
<td>-d</td>
<td>(Optional) dumb terminal</td>
</tr>
<tr>
<td>-E</td>
<td>(Optional) quit at end of file</td>
</tr>
</tbody>
</table>

Command Mode

• /output
license expiry check_interval

license expiry check_interval <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>license</td>
<td>Enter the license configuration mode</td>
</tr>
<tr>
<td>expiry</td>
<td>Configure the expiry check interval</td>
</tr>
<tr>
<td>check_interval</td>
<td>Configure the expiry check interval</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>Specify the license expiry check interval in seconds</td>
</tr>
</tbody>
</table>

Command Mode

- `/exec`
license grace-period

[no] license grace-period

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>license</td>
<td>Modify license features</td>
</tr>
<tr>
<td>grace-period</td>
<td>Configure grace period support for licenses</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
license grace-period days

license grace-period days <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>license</td>
<td>Enter the license configuration mode</td>
</tr>
<tr>
<td>grace-period</td>
<td>Configure the grace period</td>
</tr>
<tr>
<td>days</td>
<td>Configure the grace period in days</td>
</tr>
<tr>
<td>i0</td>
<td>Number of days</td>
</tr>
</tbody>
</table>

Command Mode

- /exec
license grace-period seconds

license grace-period seconds <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>license</td>
<td>Enter license configuration mode</td>
</tr>
<tr>
<td>grace-period</td>
<td>Configure the grace period</td>
</tr>
<tr>
<td>seconds</td>
<td>Configure the grace period in seconds</td>
</tr>
<tr>
<td>i0</td>
<td>Specify the grace period in seconds</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec
license grace period

license grace period <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>license</td>
<td>Enter the license configuration mode</td>
</tr>
<tr>
<td>grace</td>
<td>Configure the grace period</td>
</tr>
<tr>
<td>period</td>
<td>Specify the grace period in days</td>
</tr>
<tr>
<td>i0</td>
<td></td>
</tr>
</tbody>
</table>

Command Mode

- /exec
license reserve count package module

[no] license reserve count <i0> package <license-feature> module <i1>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>license</td>
<td>Display licensing information</td>
</tr>
<tr>
<td>reserve</td>
<td>Reserve the licenses for the specified module</td>
</tr>
<tr>
<td>count</td>
<td>Count of licenses to reserve</td>
</tr>
<tr>
<td>i0</td>
<td>Count of licenses</td>
</tr>
<tr>
<td>package</td>
<td>Name of the license package to reserve</td>
</tr>
<tr>
<td>license-feature</td>
<td>Name of the license package</td>
</tr>
<tr>
<td>module</td>
<td>Module number</td>
</tr>
<tr>
<td>i1</td>
<td>Module number</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
limit-resource m4route-mem maximum equal-to-min

{ limit-resource m4route-mem [ minimum { <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } } | { no limit-resource m4route-mem [ [ minimum { <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } ] } }

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>m4route-mem</td>
<td>set ipv4 route memory limits</td>
</tr>
<tr>
<td>minimum</td>
<td>(Optional) minimum route memory to allocate</td>
</tr>
<tr>
<td>min</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>min-hi</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum route memory to allocate</td>
</tr>
<tr>
<td>max-lo</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max-hi</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vdc-template /exec/configure/vdc

Usage Guidelines

Note

You can set only one value for the resource maximum or minimum limits. If you specify a minimum limit, the maximum limit is ignored, but that value is displayed for both the minimum and maximum limits. If you specify only a maximum limit, that value is displayed for both the minimum and maximum limits.
limit-resource m6route-mem maximum

```bash
{ limit-resource m6route-mem [ minimum { <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> } } | { no limit-resource m6route-mem [ [ minimum { <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> } ] }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>no</code></td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td><code>limit-resource</code></td>
<td>Resource configuration</td>
</tr>
<tr>
<td><code>m6route-mem</code></td>
<td>set ipv6 route memory limits</td>
</tr>
<tr>
<td><code>minimum</code></td>
<td>(Optional) minimum route memory to allocate</td>
</tr>
<tr>
<td><code>min</code></td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td><code>min-hi</code></td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td><code>maximum</code></td>
<td>maximum route memory to allocate</td>
</tr>
<tr>
<td><code>max-lo</code></td>
<td>maximum route memory value</td>
</tr>
<tr>
<td><code>max</code></td>
<td>maximum route memory value</td>
</tr>
<tr>
<td><code>max-hi</code></td>
<td>maximum route memory value</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/vdc-template /exec/configure/vdc`

**Usage Guidelines**

**Note**
You can set only one value for the resource maximum or minimum limits. If you specify a minimum limit, the maximum limit is ignored, but that value is displayed for both the minimum and maximum limits. If you specify only a maximum limit, that value is displayed for both the minimum and maximum limits.
limit-resource module-type

{ limit-resource module-type <card-type> + } | { no limit-resource module-type }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>module-type</td>
<td>Controls which type of modules are allowed in this vdc</td>
</tr>
<tr>
<td>card-type</td>
<td>Allowed module types</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/vdc
limit-resource monitor-session-erspan-dst minimum maximum equal-to-min

{ limit-resource monitor-session-erspan-dst minimum <min-val> maximum { <max-val> | equal-to-min } } |
{ no limit-resource monitor-session-erspan-dst [ minimum <min-val> maximum { <max-val> | equal-to-min } ] } |

Syntax Description

<table>
<thead>
<tr>
<th>limit-resource</th>
<th>Resource configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>monitor-session- erspan-dst</td>
<td>Monitor erspan destination session</td>
</tr>
<tr>
<td>minimum</td>
<td>minimum monitor erspan-dst session to allocate</td>
</tr>
<tr>
<td>max-val</td>
<td>maximum monitor erspan-dst session value</td>
</tr>
<tr>
<td>min-val</td>
<td>minimum monitor erspan-dst session value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>set maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/vdc-template /exec/configure/vdc
limit-resource monitor-session-inband-src minimum maximum equal-to-min

{ limit-resource monitor-session-inband-src minimum <min-val> maximum { <max-val> | equal-to-min } } |
{ no limit-resource monitor-session-inband-src [ minimum <min-val> maximum { <max-val> | equal-to-min } ] } 

Syntax Description

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>monitor-session-inband-src</td>
<td>Monitor inband source</td>
</tr>
<tr>
<td>minimum</td>
<td>Minimum monitor inband source to allocate</td>
</tr>
<tr>
<td>min-val</td>
<td>Minimum monitor inband source value</td>
</tr>
<tr>
<td>maximum</td>
<td>Maximum monitor inband source to allocate</td>
</tr>
<tr>
<td>max-val</td>
<td>Maximum monitor inband source value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>Set maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vdc-template /exec/configure/vdc
limit-resource monitor-session minimum maximum equal-to-min

{ limit-resource monitor-session minimum <min-val> maximum { <max-val> | equal-to-min } } | { no
limit-resource monitor-session [ minimum <min-val> maximum { <max-val> | equal-to-min } ] }

**Syntax Description**

<table>
<thead>
<tr>
<th>limit-resource</th>
<th>Resource configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>monitor-session</td>
<td>Monitor local/erspan-source session</td>
</tr>
<tr>
<td>minimum</td>
<td>minimum monitor local session to allocate</td>
</tr>
<tr>
<td>min-val</td>
<td>minimum monitor local session value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum monitor local session to allocate</td>
</tr>
<tr>
<td>max-val</td>
<td>maximum monitor local session value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>set maximum value equal to min</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/vdc-template /exec/configure/vdc
limit-resource port-channel minimum maximum

limit-resource port-channel minimum <min-val> maximum { <max-val> | equal-to-min } | no limit-resource
port-channel [ minimum <min-val> maximum { <max-val> | equal-to-min } ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>port-channel</td>
<td>set port-channel limits</td>
</tr>
<tr>
<td>minimum</td>
<td>minimum port-channels to allocate</td>
</tr>
<tr>
<td>min-val</td>
<td></td>
</tr>
<tr>
<td>maximum</td>
<td>maximum port-channels to allocate</td>
</tr>
<tr>
<td>max-val</td>
<td></td>
</tr>
<tr>
<td>equal-to-min</td>
<td>set maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vdc-template /exec/configure/vdc
**limit-resource u4route-mem maximum equal-to-min**

```
{ limit-resource u4route-mem [ minimum { <min-lo> | <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } } | { no limit-resource u4route-mem [ [ minimum { <min-lo> | <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } ] } }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>u4route-mem</td>
<td>set ipv4 route memory limits</td>
</tr>
<tr>
<td>minimum</td>
<td>(Optional) minimum route memory to allocate</td>
</tr>
<tr>
<td>min-lo</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>min</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>min-hi</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum route memory to allocate</td>
</tr>
<tr>
<td>max-lo</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max-hi</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>maximum value equal to min</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/vdc-template /exec/configure/vdc`

**Usage Guidelines**

**Note**

You can set only one value for the resource maximum or minimum limits. If you specify a minimum limit, the maximum limit is ignored, but that value is displayed for both the minimum and maximum limits. If you specify only a maximum limit, that value is displayed for both the minimum and maximum limits.
limit-resource u6route-mem maximum equal-to-min

{ limit-resource u6route-mem [ minimum { <min-lo> | <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } } | { no limit-resource u6route-mem [ [ minimum { <min-lo> | <min> | <min-hi> } ] maximum { <max-lo> | <max> | <max-hi> | equal-to-min } ] } |

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>u6route-mem</td>
<td>set ipv6 route memory limits</td>
</tr>
<tr>
<td>minimum</td>
<td>(Optional) minimum route memory to allocate</td>
</tr>
<tr>
<td>min-lo</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>min</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>min-hi</td>
<td>(Optional) minimum route memory value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum route memory to allocate</td>
</tr>
<tr>
<td>max-lo</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>max-hi</td>
<td>maximum route memory value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/vdc-template /exec/configure/vdc

Usage Guidelines

You can set only one value for the resource maximum or minimum limits. If you specify a minimum limit, the maximum limit is ignored, but that value is displayed for both the minimum and maximum limits. If you specify only a maximum limit, that value is displayed for both the minimum and maximum limits.
limit-resource vlan minimum maximum equal-to-min

{ limit-resource vlan minimum <min-val> maximum { <max-val> | equal-to-min } } | { no limit-resource vlan [ minimum <min-val> maximum { <max-val> | equal-to-min } ] }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>vlan</td>
<td>set VLAN limits</td>
</tr>
<tr>
<td>minimum</td>
<td>minimum VLANs to allocate</td>
</tr>
<tr>
<td>min-val</td>
<td>minimum VLANs value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum VLANs to allocate</td>
</tr>
<tr>
<td>max-val</td>
<td>maximum VLANs value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>set maximum value equal to min</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vdc-template /exec/configure/vdc
limit-resource vrf minimum maximum equal-to-min

{ limit-resource vrf minimum \(<number1>\) maximum \(<number2>\) } | { no limit-resource vrf \[ minimum \(<number1>\) maximum \(<number2>\) \] }

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>limit-resource</td>
<td>Resource configuration</td>
</tr>
<tr>
<td>vrf</td>
<td>set vrf resource limits</td>
</tr>
<tr>
<td>minimum</td>
<td>minimum vrf resources to allocate</td>
</tr>
<tr>
<td>number1</td>
<td>minimum vrf resource value</td>
</tr>
<tr>
<td>maximum</td>
<td>maximum vrf resources to allocate</td>
</tr>
<tr>
<td>number2</td>
<td>maximum vrf resource value</td>
</tr>
<tr>
<td>equal-to-min</td>
<td>set maximum value equal to min</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/vdc-template /exec/configure/vdc
limit address-count

[no] limit address-count <addr_count>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>addr_count</td>
<td>maximum value</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/config-snoop-policy
line console

[no] line console

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>line</td>
<td>Configure a terminal line</td>
</tr>
<tr>
<td>console</td>
<td>Primary terminal line</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
line console

[no] line console

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>line</td>
<td>Configure a terminal line</td>
</tr>
<tr>
<td>console</td>
<td>Primary terminal line</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
line vty

Syntax Description

<table>
<thead>
<tr>
<th>line</th>
<th>Configure a terminal line</th>
</tr>
</thead>
<tbody>
<tr>
<td>vty</td>
<td>Virtual terminal line</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
line vty

[no] line vty

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>line</td>
<td>Configure a terminal line</td>
</tr>
<tr>
<td>vty</td>
<td>Virtual terminal line</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
## link-management timers bandwidth

```
[no] link-management timers { bandwidth-hold | periodic-flooding } | link-management timers { bandwidth-hold <bw_seconds> | periodic-flooding <flood_seconds> }
```

### Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>link-management</td>
<td>Link Management configuration</td>
</tr>
<tr>
<td>timers</td>
<td>Link Management timers configuration</td>
</tr>
<tr>
<td>bandwidth-hold</td>
<td>Link Management bandwidth hold timer</td>
</tr>
<tr>
<td>bw_seconds</td>
<td>seconds</td>
</tr>
<tr>
<td>periodic-flooding</td>
<td>Link Management periodic flooding interval</td>
</tr>
<tr>
<td>flood_seconds</td>
<td>seconds [0 to disable, minimum set to 30]</td>
</tr>
</tbody>
</table>

### Command Mode

- `/exec/configure/te`
**link debounce**

`link debounce [ time <time_val> ] | no link debounce [ time <time_val> ]`

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>no</code></td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td><code>link</code></td>
<td>Configure link</td>
</tr>
<tr>
<td><code>debounce</code></td>
<td>Configure link debounce timer</td>
</tr>
<tr>
<td><code>time</code></td>
<td>(Optional) Link debounce time</td>
</tr>
<tr>
<td><code>time_val</code></td>
<td>(Optional) Timer value (in milliseconds)</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-ethernet-all /exec/configure/if-eth-base`
lisp

{ lisp-lig | lig } { version | self | self6 | <hostname> | { <eid> | <eid6> } } [ source { <seid> | <seid6> } ] [ to
{ <mr-hostname> | { <mr> | <mr6> } } ] [ count <count> ] [ probe ] [ vrf { <vrf-name> | <vrf-known-name>
} ]

**Syntax Description**

<table>
<thead>
<tr>
<th>lisp-lig</th>
<th>LISP Internet Groper</th>
</tr>
</thead>
<tbody>
<tr>
<td>lig</td>
<td>LISP Internet Groper</td>
</tr>
<tr>
<td>eid</td>
<td>LIG on a IPv4 Endpoint ID (EID)</td>
</tr>
<tr>
<td>version</td>
<td>Display Internet Draft version lig supports</td>
</tr>
<tr>
<td>self</td>
<td>Test if IPv4 EID-prefix registered in mapping database</td>
</tr>
<tr>
<td>self6</td>
<td>Test if IPv6 EID-prefix registered in mapping database</td>
</tr>
<tr>
<td>hostname</td>
<td>DNS name for Endpoint ID (EID)</td>
</tr>
<tr>
<td>source</td>
<td>(Optional) Provide source EID for Map-Request</td>
</tr>
<tr>
<td>seid</td>
<td>(Optional) Source IPv4 Endpoint ID (EID)</td>
</tr>
<tr>
<td>to</td>
<td>(Optional) Where to send the Map-Request</td>
</tr>
<tr>
<td>mr-hostname</td>
<td>(Optional) DNS name for Map-Resolver</td>
</tr>
<tr>
<td>mr</td>
<td>(Optional) Map-Resolver IPv4 address to send Map-Request to</td>
</tr>
<tr>
<td>count</td>
<td>(Optional) Map-Requests to send before Map-Reply returned</td>
</tr>
<tr>
<td>count</td>
<td>(Optional) Number of Map-Requests</td>
</tr>
<tr>
<td>probe</td>
<td>(Optional) RLOC-probe each locator</td>
</tr>
<tr>
<td>vrf</td>
<td>(Optional) LIGing for specific VRF</td>
</tr>
<tr>
<td>vrf-name</td>
<td>(Optional) VRF name</td>
</tr>
<tr>
<td>vrf-known-name</td>
<td>(Optional) Known VRF name</td>
</tr>
</tbody>
</table>

**Command Mode**

* /exec
lisp ddt

\{ \ no \ \text{] lisp ddt} \}\n
Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configures a LISP-DDT mapping system functionality</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure /exec/configure/vrf
lisp ddt authoritative-prefix eid-prefix


Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>authoritative-prefix</td>
<td>Configure EID-prefix this LISP-DDT node is authoritative for</td>
</tr>
<tr>
<td>instance-id</td>
<td>Instance ID of VPN for EID-prefix</td>
</tr>
<tr>
<td>iid</td>
<td>Instance-ID value</td>
</tr>
<tr>
<td>star</td>
<td>Authoritative prefix on root for all address space</td>
</tr>
<tr>
<td>iidp</td>
<td>Instance-ID in prefix format</td>
</tr>
<tr>
<td>range</td>
<td>Instance-ID range in 'x-y' format where y &gt; x</td>
</tr>
<tr>
<td>eid-prefix</td>
<td>Authoritative IPv4 or IPv6 EID-prefix</td>
</tr>
<tr>
<td>eid-prefix</td>
<td>EID-prefix in IPv4 slash format</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure /exec/configure/vrf
### lisp ddt delegate eid-prefix

```bash
{ [ no ] lisp ddt delegate { <node> | <node6> } { eid-prefix { <eid-prefix> | <eid-prefix6> } } [ priority <priority> weight <weight> ] [ public-key <key> ] [ map-server ] } | { [ no ] lisp ddt delegate { <node> | <node6> } instance-id<iid> { eid-prefix { <eid-prefix>| <eid-prefix6>} } [ priority <priority> weight <weight> ] [ public-key <key> ] [ map-server ] } | { [ no ] lisp ddt delegate { <node> | <node6> } instance-id { <iidp> | <range> } [ priority <priority> weight <weight> ] [ public-key <key> ] [ map-server ] }
```

### Syntax Description

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>delegate</td>
<td>Configure LISP-DDT child in delegation hierarchy</td>
</tr>
<tr>
<td>node</td>
<td>IPv4 locator address of DDT node</td>
</tr>
<tr>
<td>instance-id</td>
<td>Instance ID of VPN for EID-prefix</td>
</tr>
<tr>
<td>iid</td>
<td>Instance-ID value</td>
</tr>
<tr>
<td>iidp</td>
<td>Instance-ID in prefix format</td>
</tr>
<tr>
<td>range</td>
<td>Instance-ID range in 'x-y' format where y &gt; x</td>
</tr>
<tr>
<td>eid-prefix</td>
<td>Child delegation for IPv4 or IPv6 EID-prefix</td>
</tr>
<tr>
<td>priority</td>
<td>(Optional) Configures which Locators from a set are preferred</td>
</tr>
<tr>
<td>weight</td>
<td>(Optional) Traffic load-spreading among Locators</td>
</tr>
<tr>
<td>map-server</td>
<td>(Optional) Child delegate is a Map-Server</td>
</tr>
<tr>
<td>public-key</td>
<td>(Optional) DDT child's public key this DDT-node supplies for referrals</td>
</tr>
<tr>
<td>key</td>
<td>(Optional) RSA public-key</td>
</tr>
</tbody>
</table>

### Command Mode

- `/exec/configure /exec/configure/vrf`
lisp ddt inherit-referrals

{ [ no ] lisp ddt inherit-referrals }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>inherit-referrals</td>
<td>Inherit map-server referrals from parent DDT-node</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure /exec/configure/vrf
lisp ddt map-server-peer eid-prefix

{ [ no ] lisp ddt map-server-peer { <node> | <node6> } { eid-prefix { <eid-prefix> | <eid-prefix6> } } } [ priority <priority> weight <weight> ] [ public-key <key> ] } | { [ no ] lisp ddt map-server-peer { <node> | <node6> } instance-id <iid> [ eid-prefix { <eid-prefix> | <eid-prefix6> } ] [ priority <priority> weight <weight> ] [ public-key <key> ] } | { [ no ] lisp ddt map-server-peer { <node> | <node6> } instance-id { <iidp> | <range> } [ priority <priority> weight <weight> ] [ public-key <key> ] } 

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>map-server-peer</td>
<td>Configure other map-server peers</td>
</tr>
<tr>
<td>node</td>
<td>IPv4 locator address of DDT node</td>
</tr>
<tr>
<td>instance-id</td>
<td>Instance ID of VPN for EID-prefix</td>
</tr>
<tr>
<td>iid</td>
<td>Instance-ID value</td>
</tr>
<tr>
<td>iidp</td>
<td>Instance-ID in prefix format</td>
</tr>
<tr>
<td>range</td>
<td>Instance-ID range in 'x-y' format where y &gt; x</td>
</tr>
<tr>
<td>eid-prefix</td>
<td>Child delegation for IPv4 or IPv6 EID-prefix</td>
</tr>
<tr>
<td>eid-prefix</td>
<td>EID-prefix in IPv4 slash format</td>
</tr>
<tr>
<td>priority</td>
<td>(Optional) Configures which Locators from a set are preferred</td>
</tr>
<tr>
<td>priority</td>
<td>(Optional) Lower priority Locator takes preference</td>
</tr>
<tr>
<td>weight</td>
<td>(Optional) Traffic load-spreading among Locators</td>
</tr>
<tr>
<td>weight</td>
<td>(Optional) Specified in a percentage from 0 to 100</td>
</tr>
<tr>
<td>public-key</td>
<td>(Optional) DDT child's public key this DDT-node supplies for referrals</td>
</tr>
<tr>
<td>key</td>
<td>(Optional) RSA public-key</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure /exec/configure/vrf
lisp ddt private-key

[no] lisp ddt private-key <key>

Syntax Description

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>private-key</td>
<td>Configures LISP-DDT private-key for signing Map-Referral messages</td>
</tr>
<tr>
<td>key</td>
<td>RSA private-key</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure /exec/configure/vrf
**lisp ddt root**

[no] lisp ddt root { <root> | <root6> } [ public-key <key> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ddt</td>
<td>Configure LISP-DDT parameters</td>
</tr>
<tr>
<td>root</td>
<td>Configure LISP-DDT root of tree in Map-Resolver</td>
</tr>
<tr>
<td>root</td>
<td>IPv4 locator address of DDT root</td>
</tr>
<tr>
<td>public-key</td>
<td>(Optional) DDT root's public key used to verify signed Map-Referrals</td>
</tr>
<tr>
<td>key</td>
<td>(Optional) RSA public-key</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure /exec/configure/vrf`
lisp dont-prime-map-cache

{ [ no ] lisp dont-prime-map-cache }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>dont-prime-map-cache</td>
<td>Do not send Map-Requests for arbitrary EIDs to prime map-cache</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure /exec/configure/vrf
lisp dynamic-eid

{ [ no ] lisp dynamic-eid <dyn-eid-name> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>dynamic-eid</td>
<td>Configure dynamic-EIDs for roaming</td>
</tr>
<tr>
<td>dyn-eid-name</td>
<td>Name your dynamic-EID</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
lisp dynamic-eid

{ [ no ] lisp dynamic-eid <dyn-eid-name> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>dynamic-eid</td>
<td>Configure dynamic-EIDs for roaming</td>
</tr>
<tr>
<td>dyn-eid-name</td>
<td>Name your dynamic-EID</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/vrf
**lisp explicit-locator-path**

\[
\{ [ \text{no} ] \text{lisp explicit-locator-path} <\text{elp-name}> \}
\]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>explicit-locator-path</td>
<td>Configures a LISP Explicit Locator Path (ELP)</td>
</tr>
<tr>
<td>elp-name</td>
<td>Name of LISP ELP</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
lisp explicit-locator-path

[no] lisp explicit-locator-path <elp-name>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>explicit-locator-path</td>
<td>Configures a LISP Explicit Locator Path (ELP)</td>
</tr>
<tr>
<td>elp-name</td>
<td>Name of LISP ELP</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/vrf
lisp extended-subnet-mode

{ [ no ] lisp extended-subnet-mode }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP interface configuration commands</td>
</tr>
<tr>
<td>extended-subnet-mode</td>
<td>Create dynamic-EID state when EIDs reside on their home subnet</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-igp
lisp geo-coordinates

[no] lisp geo-coordinates <latitude> <longitude> [ <altitude> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>geo-coordinates</td>
<td>Configure Geo Coordinates for this router</td>
</tr>
<tr>
<td>latitude</td>
<td>Latitude in DMS format: 'degree-min-sec-N' or 'degree-min-sec-S'</td>
</tr>
<tr>
<td>longitude</td>
<td>Longitude in DMS format: 'degree-min-sec-E' or 'degree-min-sec-W' format</td>
</tr>
<tr>
<td>altitude</td>
<td>(Optional) Altitude in meters above sea-level</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure /exec/configure/vrf
lisp ignore-smr

[no] lisp ignore-smr

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>ignore-smr</td>
<td>Do not respond to SMRs when no map-cache entry exists</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
lisp instance-id

[no] lisp instance-id <iid>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>instance-id</td>
<td>Configures Instance-ID for global data-mappings</td>
</tr>
<tr>
<td>iid</td>
<td>24-bit instance-ID value</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure /exec/configure/vrf
### lisp internal event-history size

[no] lisp internal event-history \(<\text{lisp-event-hist}>\) size \(<\text{size}\_\text{in}\_\text{text}>\)

**Syntax Description**

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP debug commands</td>
</tr>
<tr>
<td>internal</td>
<td>LISP internal configuration commands</td>
</tr>
<tr>
<td>event-history</td>
<td>Configure LISP event log</td>
</tr>
<tr>
<td>\text{lisp-event-hist}</td>
<td>Configure LISP event log</td>
</tr>
<tr>
<td>size</td>
<td>Size of buffer</td>
</tr>
<tr>
<td>\text{size}_\text{in}_\text{text}</td>
<td>Buffer size</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
lisp loc-reach-algorithm

[no] lisp loc-reach-algorithm { count-tcp | echo-nonce | { rloc-probing [ map-request-on-failure ] } }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>loc-reach-algorithm</td>
<td>Configure locator reachability algorithm</td>
</tr>
<tr>
<td>count-tcp</td>
<td>Count TCP SYNs and ACKs</td>
</tr>
<tr>
<td>echo-nonce</td>
<td>Request for nonce to echo back in data-plane</td>
</tr>
<tr>
<td>rloc-probing</td>
<td>Probe each high-priority RLOC with Map-Request as last resort</td>
</tr>
<tr>
<td>map-request-on-failure</td>
<td>(Optional) Send Map-Request to database mapping system when any RLOC becomes RLOC-probing unreachable</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure /exec/configure/vrf`
lisp merge-registrations site-id

[no] lisp merge-registrations site-id <site-id>

Syntax Description

| no       | (Optional) Negate a command or set its defaults |
| lisp     | LISP global configuration commands             |
| merge-registrations | ETRs merge registrations from Map-Notify messages |
| site-id  | Configure site-id value for each xTR at site   |
| site-id  | Site-ID to group xTRs together                 |

Command Mode

- /exec/configure /exec/configure/vrf
lisp mobility

[no] lisp mobility <dyn-eid-name>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP interface configuration commands</td>
</tr>
<tr>
<td>mobility</td>
<td>Configures to allow EID mobility on interface</td>
</tr>
<tr>
<td>dyn-eid-name</td>
<td>Name of the dynamic-EID to use</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-igp
**lisp mobility test-liveness**

[no] lisp mobility test-liveness

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP interface configuration commands</td>
</tr>
<tr>
<td>mobility</td>
<td>Configures to allow EID mobility on interface</td>
</tr>
<tr>
<td>test-liveness</td>
<td>Ping discovered dyn-eid hosts on this interface periodically to determine host liveness</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-igp
lisp mtu

[no] lisp mtu <mtu>

**Syntax Description**

| no          | (Optional) Negate a command or set its defaults |
| lisp        | LISP global configuration commands |
| mtu         | Configure the Max MTU value that LISP path will support |
| mtu         | mtu |

**Command Mode**

- /exec/configure
lisp security

[no] lisp security [ strong ]

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>security</td>
<td>Configure LISP-SEC on ITR or PITR</td>
</tr>
<tr>
<td>strong</td>
<td>(Optional) Reject Map-Replies without LISP-SEC signatures included</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure /exec/configure/vrf
lisp site

{ [ no ] lisp site <site-name> }

Syntax Description

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>site</td>
<td>Configures LISP sites in a map-server</td>
</tr>
<tr>
<td>site-name</td>
<td>Name your LISP site</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
lisp site

{ [ no ] lisp site <site-name> }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>site</td>
<td>Configures LISP sites in a map-server</td>
</tr>
<tr>
<td>site-name</td>
<td>Name your LISP site</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/vrf
lisp smr-local-locators

[no] lisp smr-local-locators

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>smr-local-locators</td>
<td>Send SMR to all locators for in local site</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
lisp smr-locators

[no] lisp smr-locators

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lisp</td>
<td>LISP global configuration commands</td>
</tr>
<tr>
<td>smr-locators</td>
<td>Send SMR to all RLOCs in locator-set for map-cache entry</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
lisp to

{ lisp-rig | rig } [ instance-id <iid> ] { <hostname> | { <eid> | <eid6> } } to { <ddt-hostname> | { <ddt> | <ddt6> } }

Syntax Description

<table>
<thead>
<tr>
<th>lisp-rig</th>
<th>LISP-DDT Referral Internet Groper</th>
</tr>
</thead>
<tbody>
<tr>
<td>rig</td>
<td>LISP-DDT Referral Internet Groper</td>
</tr>
<tr>
<td>instance-id</td>
<td>(Optional) Instance-ID of VPN EID resides in</td>
</tr>
<tr>
<td>iid</td>
<td>(Optional) 24-bit instance-ID value</td>
</tr>
<tr>
<td>eid</td>
<td>RIG on a IPv4 Endpoint ID (EID)</td>
</tr>
<tr>
<td>hostname</td>
<td>DNS name for Endpoint ID (EID)</td>
</tr>
<tr>
<td>to</td>
<td>Where to send the Map-Request</td>
</tr>
<tr>
<td>ddt-hostname</td>
<td>DNS name for DDT-node</td>
</tr>
<tr>
<td>ddt</td>
<td>DDT-node IPv4 address to send Map-Request to</td>
</tr>
</tbody>
</table>

Command Mode

• /exec
list

list [<index>] 

Syntax Description

<table>
<thead>
<tr>
<th>list</th>
<th>Re-list all or part of the explicit path entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>index</td>
<td>(Optional) List starting at entry index number</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/te/expl-path
list

Syntax Description

| list           | Re-list all of the attribute list entries |

Command Mode

- `/exec/configure/te/lsp-attr`
**listobject-boolean not**

`listobject-boolean <object-id> not`

**Syntax Description**

<table>
<thead>
<tr>
<th>listobject-boolean</th>
<th>Configure Object as member of tracking list</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>object-id</em></td>
<td>Tracked object</td>
</tr>
<tr>
<td><em>not</em></td>
<td>Negate Up status</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/tr-list-bool`
listobject-weight weight threshold-weight

listobject-weight { <object-id> weight <weight-val> } | threshold-weight { weight-thresh { weightup <up-weight> [ weightdown <down-weight> ] | weightdown <down-weight> [ weightup <up-weight> ] } } | no threshold-weight weight-thresh

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>listobject-weight</td>
<td>Configure Object as member of tracking list</td>
</tr>
<tr>
<td>object-id</td>
<td>Tracked Object</td>
</tr>
<tr>
<td>weight</td>
<td>Assign a weight to object</td>
</tr>
<tr>
<td>weight-val</td>
<td>Assign a weight to object</td>
</tr>
<tr>
<td>threshold-weight</td>
<td>Threshold parameters</td>
</tr>
<tr>
<td>weight-thresh</td>
<td>Weight threshold</td>
</tr>
<tr>
<td>weightup</td>
<td>Up threshold</td>
</tr>
<tr>
<td>up-weight</td>
<td>Up threshold weight</td>
</tr>
<tr>
<td>weightdown</td>
<td>(Optional) Down threshold</td>
</tr>
<tr>
<td>down-weight</td>
<td>(Optional) Down threshold weight</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/tr-list-thrw
listobject

[no] listobject <object-id>

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>listobject</td>
<td>Configure Object as member of tracking list</td>
</tr>
<tr>
<td>object-id</td>
<td>Tracked Object</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/tr-list-thrw /exec/configure/tr-list-thrp /exec/configure/tr-list-bool
### lldp

```bash
[no] lldp \{ holdtime <i0> | reinit <i1> | timer <i2> | portid-subtype <i3> | tlv-select \{ management-address | port-description | port-vlan | power-management | system-capabilities | system-description | system-name | dcbxp \} \}
```

#### Syntax Description

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>no</code></td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td><code>lldp</code></td>
<td>Configure global LLDP parameters</td>
</tr>
<tr>
<td><code>holdtime</code></td>
<td>Specify the holdtime (in sec) to be sent in packets</td>
</tr>
<tr>
<td><code>i0</code></td>
<td>holdtime in sec</td>
</tr>
<tr>
<td><code>reinit</code></td>
<td>Delay (in sec) for LLDP initialisation on any interface</td>
</tr>
<tr>
<td><code>i1</code></td>
<td>reinit in sec</td>
</tr>
<tr>
<td><code>timer</code></td>
<td>Specify the rate at which LLDP packets are sent (in sec)</td>
</tr>
<tr>
<td><code>i2</code></td>
<td>rate of packets in sec</td>
</tr>
<tr>
<td><code>portid-subtype</code></td>
<td>config portid subtype for LLDP TLV and SNMP MIBs</td>
</tr>
<tr>
<td><code>i3</code></td>
<td>0: long interface name (default), 1: short interface name</td>
</tr>
<tr>
<td><code>tlv-select</code></td>
<td>Selection of LLDP to send</td>
</tr>
<tr>
<td><code>management-address</code></td>
<td>Management Address TLV</td>
</tr>
<tr>
<td><code>port-description</code></td>
<td>Port Description TLV</td>
</tr>
<tr>
<td><code>port-vlan</code></td>
<td>Port Vlan ID TLV</td>
</tr>
<tr>
<td><code>power-management</code></td>
<td>IEEE 802.3 DTE Power via MDI TLV</td>
</tr>
<tr>
<td><code>system-capabilities</code></td>
<td>System Capabilities TLV</td>
</tr>
<tr>
<td><code>system-description</code></td>
<td>System Description TLV</td>
</tr>
<tr>
<td><code>system-name</code></td>
<td>System Name TLV</td>
</tr>
<tr>
<td><code>dcbxp</code></td>
<td>DCBXP TLVs</td>
</tr>
</tbody>
</table>

#### Command Mode

- `/exec/configure`
lldp eee rx_wake_time

[no] lldp eee { rx_wake_time <i0> | tx_wake_time <i1> }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure LLDP parameters</td>
</tr>
<tr>
<td>eee</td>
<td>Configure LLDP EEE parameters</td>
</tr>
<tr>
<td>rx_wake_time</td>
<td>Specify the EEE rx wake time</td>
</tr>
<tr>
<td>i0</td>
<td>EEE rx wake time</td>
</tr>
<tr>
<td>tx_wake_time</td>
<td>Specify the EEE tx wake time</td>
</tr>
<tr>
<td>i1</td>
<td>EEE tx wake time</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
- /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
lldp receive

[no] lldp receive

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure Interface LLDP parameters</td>
</tr>
<tr>
<td>receive</td>
<td>Enable LLDP reception on interface</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-ethernet-all` /`exec/configure/if-gig-ether-all` /`exec/configure/if-gig-ether`  
  /`exec/configure/if-eth-base` /`exec/configure/if-mgmt-ether`
lldp tlv-select eee

[no] lldp tlv-select eee

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure Interface LLDP parameters</td>
</tr>
<tr>
<td>tlv-select</td>
<td>Configure EEE parameter</td>
</tr>
<tr>
<td>eee</td>
<td>Enable/Disable LLDP EEE TLV</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
- /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
**lldp tlv-select management-address v4**

[no] lldp tlv-select management-address { v4 | v6 }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure global LLDP parameters</td>
</tr>
<tr>
<td>tlv-select</td>
<td>Selection of LLDP to send</td>
</tr>
<tr>
<td>management-address</td>
<td>Management Address TLV</td>
</tr>
<tr>
<td>v4</td>
<td>Management Address TLV v4</td>
</tr>
<tr>
<td>v6</td>
<td>Management Address TLV v6</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
**lldp tlv-set management-address**

[no] lldp tlv-set management-address <ip-addr>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>no</strong></td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td><strong>lldp</strong></td>
<td>Configure Interface LLDP parameters</td>
</tr>
<tr>
<td><strong>tlv-set</strong></td>
<td>LLDP TLV configuration for interface</td>
</tr>
<tr>
<td><strong>management-address</strong></td>
<td>Management address to be sent in management-tlv of LLDPDU.</td>
</tr>
<tr>
<td><strong>ip-addr</strong></td>
<td>IP address in dotted decimal format i.i.i.i</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
  /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
**lldp tlv-set management-address ipv6**

[no] lldp tlv-set management-address <ipv6-addr> ipv6

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure Interface LLDP parameters</td>
</tr>
<tr>
<td>tlv-set</td>
<td>LLDP TLV configuration for interface</td>
</tr>
<tr>
<td>management-address</td>
<td>Management address to be sent in management-tlv of LLDPDU.</td>
</tr>
<tr>
<td>ipv6</td>
<td>IPV6</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
- /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
**lldp tlv-set vlan**

[no] lldp tlv-set vlan [ <vlan-id> ]

**Syntax Description**

| No | (Optional) Negate a command or set its defaults |
| Lldp | Configure Interface LLDP parameters |
| Tlv-set | LLDP TLV configuration for interface |
| Vlan | VLAN-id whose SVI IP address should be used as management address in management-tlv of LLDPDU. Default is native VLAN. |
| Vlan-id | (Optional) vlan-id within range of 1-4094 |

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
  /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
lldp transmit

[no] lldp transmit

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lldp</td>
<td>Configure Interface LLDP parameters</td>
</tr>
<tr>
<td>transmit</td>
<td>Enable LLDP transmission on interface</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether
- /exec/configure/if-eth-base /exec/configure/if-mgmt-ether
load-balance

[no] load-balance { [ method { src { ip | ip-l4port <src-protocol> range <src-x> <src-y> } | dst { ip-dst | ip-l4port <dst-protocol> range <dst-x> <dst-y> } } | buckets <num> | mask-position <mask> ] + }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-balance</td>
<td>ITD Loadbalance</td>
</tr>
<tr>
<td>method</td>
<td>(Optional) ITD Loadbalancing method</td>
</tr>
<tr>
<td>src</td>
<td>(Optional) Source based parameters</td>
</tr>
<tr>
<td>dst</td>
<td>(Optional) Destination based parameters</td>
</tr>
<tr>
<td>ip</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>ip-l4port</td>
<td>(Optional) IP and L4 port</td>
</tr>
<tr>
<td>src-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>range</td>
<td>(Optional) Match only packets in the range of port numbers</td>
</tr>
<tr>
<td>src-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>src-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>ip-dst</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>dst-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>dst-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>dst-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>buckets</td>
<td>(Optional) Used to create the buckets for traffic distribution, and it should be in powers of 2</td>
</tr>
<tr>
<td>num</td>
<td>(Optional) Loadbalance bucket number</td>
</tr>
<tr>
<td>mask-position</td>
<td>(Optional) Loadbalance mask position</td>
</tr>
<tr>
<td>mask</td>
<td>(Optional) Loadbalance mask position number range 0-31 for IPv4 and 0-127 for IPv6</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/itd
load-balance

[no] load-balance { [ method { src { ip | ip-l4port <src-protocol> range <src-x> <src-y> } | dst { ip-dst | ip-l4port <dst-protocol> range <dst-x> <dst-y> } } | buckets <num> | mask-position <mask> ] + }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-balance</td>
<td>Loadbalance</td>
</tr>
<tr>
<td>method</td>
<td>(Optional) Loadbalance method</td>
</tr>
<tr>
<td>src</td>
<td>(Optional) Source based parameters</td>
</tr>
<tr>
<td>dst</td>
<td>(Optional) Destination based parameters</td>
</tr>
<tr>
<td>ip</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>ip-l4port</td>
<td>(Optional) IP and L4 port</td>
</tr>
<tr>
<td>src-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>range</td>
<td>(Optional) Match only packets in the range of port numbers</td>
</tr>
<tr>
<td>src-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>src-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>ip-dst</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>dst-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>dst-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>dst-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>buckets</td>
<td>(Optional) Used to create the buckets for traffic distribution, and it should be in powers of 2</td>
</tr>
<tr>
<td>num</td>
<td>(Optional) Loadbalance bucket number</td>
</tr>
<tr>
<td>mask-position</td>
<td>(Optional) Loadbalance mask position</td>
</tr>
<tr>
<td>mask</td>
<td>(Optional) Loadbalance mask position number range 0-31 for IPv4 and 0-127 for IPv6</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/smartc
## load-balance

[no] load-balance { [ method { src { ip | ip-l4port <src-protocol> range <src-x> <src-y> } | dst { ip-dst | ip-l4port <dst-protocol> range <dst-x> <dst-y> } } | buckets <num> | mask-position <mask> ] + }

### Syntax Description

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-balance</td>
<td>PLB Loadbalance options</td>
</tr>
<tr>
<td>method</td>
<td>(Optional) Loadbalance method</td>
</tr>
<tr>
<td>src</td>
<td>(Optional) Source based parameters</td>
</tr>
<tr>
<td>dst</td>
<td>(Optional) Destination based parameters</td>
</tr>
<tr>
<td>ip</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>ip-l4port</td>
<td>(Optional) IP and L4 port</td>
</tr>
<tr>
<td>src-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>range</td>
<td>(Optional) Match only packets in the range of port numbers</td>
</tr>
<tr>
<td>src-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>src-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>ip-dst</td>
<td>(Optional) IP</td>
</tr>
<tr>
<td>dst-protocol</td>
<td>(Optional) Protocol</td>
</tr>
<tr>
<td>dst-x</td>
<td>(Optional)</td>
</tr>
<tr>
<td>dst-y</td>
<td>(Optional)</td>
</tr>
<tr>
<td>buckets</td>
<td>(Optional) Used to create the buckets for traffic distribution, and it should be in powers of 2</td>
</tr>
<tr>
<td>num</td>
<td>(Optional) Loadbalance bucket number</td>
</tr>
<tr>
<td>mask-position</td>
<td>(Optional) Loadbalance mask position</td>
</tr>
<tr>
<td>mask</td>
<td>(Optional) Loadbalance mask position number range 0-23 for IPv4 and 0-127 for IPv6</td>
</tr>
</tbody>
</table>

### Command Mode

- `/exec/configure/plb`
load-balance port-channel

[no] load-balance port-channel

Syntax Description

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-balance</td>
<td>Catena Loadbalance</td>
</tr>
<tr>
<td>port-channel</td>
<td>Port-Channel Method</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure/itd-port-grp
**load-balancing**

`load-balancing <load-bal> | no load-balancing [ <load-bal> ]`

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>load-balancing</td>
<td>Load balancing method</td>
</tr>
<tr>
<td><code>load-bal</code></td>
<td>Load balancing method</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-eth-any/glbp`
**load-interval**

load-interval <interval> | no load-interval [ <interval1> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-interval</td>
<td>Specify interval for load calculation for an interface</td>
</tr>
<tr>
<td>interval</td>
<td>Load interval delay in seconds</td>
</tr>
<tr>
<td>interval1</td>
<td>(Optional) Load interval delay in seconds</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-eth-non-member /exec/configure/if-port-channel
**load-interval**

load-interval <interval> | no load-interval [ <interval1> ]

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-interval</td>
<td>Specify interval for load calculation for an interface</td>
</tr>
<tr>
<td>interval</td>
<td>Load interval delay in seconds</td>
</tr>
<tr>
<td>interval1</td>
<td>(Optional) Load interval delay in seconds</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-vlan-common
load-interval counter

load-interval counter <counter_val> <interval> | no load-interval counter <counter_val> [ <interval1> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-interval</td>
<td>Specify interval for load calculation for an interface</td>
</tr>
<tr>
<td>counter</td>
<td>Specify counter for this load interval</td>
</tr>
<tr>
<td>counter_val</td>
<td>Specify counter for this load interval</td>
</tr>
<tr>
<td>interval</td>
<td>Load interval delay in seconds</td>
</tr>
<tr>
<td>interval1</td>
<td>(Optional) Load interval delay in seconds</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-non-member /exec/configure/if-port-channel
load-interval counter

load-interval counter <counter_val> <interval> | no load-interval counter <counter_val> [ <interval1> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>load-interval</td>
<td>Specify interval for load calculation for an interface</td>
</tr>
<tr>
<td>counter</td>
<td>Specify counter for this load interval</td>
</tr>
<tr>
<td>interval</td>
<td>Load interval delay in seconds</td>
</tr>
<tr>
<td>counter_val</td>
<td>Specify counter for this load interval</td>
</tr>
<tr>
<td>interval1</td>
<td>(Optional) Load interval delay in seconds</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-vlan-common
load

load <uri0> [ <s0> ]

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>load</td>
<td>Load system image</td>
</tr>
<tr>
<td>uri0</td>
<td>Enter image URI</td>
</tr>
<tr>
<td>s0</td>
<td>(Optional) Options</td>
</tr>
</tbody>
</table>

Command Mode

* /exec
load

load <uri0>

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>load</td>
<td>Load system image</td>
</tr>
<tr>
<td>uri0</td>
<td>Enter image URI</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec
load

load <uri0> [ <s0> ]

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>load</td>
<td>Load system image</td>
</tr>
<tr>
<td>uri0</td>
<td>Enter image URI</td>
</tr>
<tr>
<td>s0</td>
<td>(Optional) Options</td>
</tr>
</tbody>
</table>

Command Mode

- /exec
local-as

local-as <asn> | no local-as [ <asn> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>local-as</td>
<td>Specify the local-as for this vrf</td>
</tr>
<tr>
<td>asn</td>
<td>AS number</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/router-bgp/router-bgp-vrf`
local-as

```
{ local-as <asn> [ no-prepend [ replace-as [ dual-as ] ] ] } | { { no | default } local-as [ <asn> ] }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>default</td>
<td>Inherit values from a peer template</td>
</tr>
<tr>
<td>local-as</td>
<td>Specify the local-as number for the eBGP neighbor</td>
</tr>
<tr>
<td>asn</td>
<td>Autonomous System Number</td>
</tr>
<tr>
<td>no-prepend</td>
<td>(Optional) Do not prepend the local-as number to updates from the eBGP neighbor</td>
</tr>
<tr>
<td>replace-as</td>
<td>(Optional) Prepend only the local-as number to updates to eBGP neighbor</td>
</tr>
<tr>
<td>dual-as</td>
<td>(Optional) Connect using either the local-as number or the real as</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/router-bgp/router-bgp-neighbor-sess`
local-label prefix

[no] { [ vrf { <vrf-name> | <vrf-known-name> } ] local-label <static-inlabel> prefix { <prefix> <mask> |<prefix-mask> } } }

Syntax Description

| no     | (Optional) Negate a command or set its defaults |
| vrf    | (Optional) VPN Routing/Forwarding instance name |
| vrf-name | (Optional) VRF name |
| vrf-known-name | (Optional) Known VRF name |
| local-label | Configure local label assignment and forwarding |
| static-inlabel | Label Value |
| prefix | For a given prefix |
| prefix | Destination prefix |
| mask | Destination prefix mask |
| prefix-mask | Destination prefix/mask |

Command Mode

- /exec/configure/mpls_static/ipv4
local-label prefix

[no] { [ vrf { <vrf-name> | <vrf-known-name> } ] local-label <static-inlabel> prefix { <ipv6-prefix-mask> } }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>vrf</td>
<td>(Optional) VPN Routing/Forwarding instance name</td>
</tr>
<tr>
<td>vrf-name</td>
<td>(Optional) VRF name</td>
</tr>
<tr>
<td>vrf-known-name</td>
<td>(Optional) Known VRF name</td>
</tr>
<tr>
<td>local-label</td>
<td>Configure local label assignment and forwarding</td>
</tr>
<tr>
<td>static-inlabel</td>
<td>Label Value</td>
</tr>
<tr>
<td>prefix</td>
<td>For a given prefix</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/mpls_static/ipv6`
locator-led

[no] locator-led { chassis | module <module> | fan <fan_num> }

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>locator-led</td>
<td>blink locator led on device</td>
</tr>
<tr>
<td>chassis</td>
<td>blink chassis led</td>
</tr>
<tr>
<td>module</td>
<td>blink module led</td>
</tr>
<tr>
<td>module</td>
<td>please enter the module number</td>
</tr>
<tr>
<td>fan</td>
<td>blink Fan led</td>
</tr>
<tr>
<td>fan_num</td>
<td>fan number</td>
</tr>
</tbody>
</table>

Command Mode

• /exec
**lockdown**

[no] lockdown

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>lockdown</td>
<td>Lockdown the LSP--disable reoptimization</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/te/lsp-attr
log-adjacency-changes

[no] log-adjacency-changes [ detail ]

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>log-adjacency-changes</td>
<td>Log changes in adjacency state</td>
</tr>
<tr>
<td>detail</td>
<td>(Optional) Notify all state changes</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf
log-adjacency-changes

[no] log-adjacency-changes

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>log-adjacency-changes</td>
<td>Log changes in adjacency state</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common
\textbf{log-adjacency-changes}

\{ [ \text{no} ] \text{log-adjacency-changes} \} \mid \{ [ \text{no} ] \text{ eigrp } \text{log-neighbor-changes} \}

\textbf{Syntax Description}

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>eigrp</td>
<td>(Optional) EIGRP router configuration commands</td>
</tr>
<tr>
<td>log-adjacency-changes</td>
<td>Log changes in adjacency state</td>
</tr>
<tr>
<td>log-neighbor-changes</td>
<td>Enable/Disable IP-EIGRP neighbor logging</td>
</tr>
</tbody>
</table>

\textbf{Command Mode}

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-common
log-adjacency-changes

[no] log-adjacency-changes

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>log-adjacency-changes</td>
<td>Log changes in adjacency state</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/router-isis/router-isis-vrf-common
log-adjacency-changes

[no] log-adjacency-changes [ detail ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>log-adjacency-changes</td>
<td>Log changes in adjacency state</td>
</tr>
<tr>
<td>detail</td>
<td>(Optional) Notify all state changes</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf
log-event-type

[no] [ eigrp ] log-event-type [ dual ] [ xmit ] [ transport ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>eigrp</td>
<td>(Optional) EIGRP router configuration commands</td>
</tr>
<tr>
<td>log-event-type</td>
<td>Set event types logged</td>
</tr>
<tr>
<td>dual</td>
<td>(Optional) Log DUAL events</td>
</tr>
<tr>
<td>xmit</td>
<td>(Optional) Log transmission events</td>
</tr>
<tr>
<td>transport</td>
<td>(Optional) Log transport events</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common/exec/configure/router-eigrp/router-eigrp-af-common
log-neighbor-changes

[no] log-neighbor-changes

Syntax Description

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>log-neighbor-changes</td>
<td>Log a message for neighbor up/down event</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-bgp/vrf-cmds
log-neighbor-changes

[ no | default ] log-neighbor-changes [ disable ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>default</td>
<td>(Optional) Inherit values from a peer template</td>
</tr>
<tr>
<td>log-neighbor-changes</td>
<td>Log message for neighbor up/down event</td>
</tr>
<tr>
<td>disable</td>
<td>(Optional) Disable logging of neighbor up/down event</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/router-bgp/router-bgp-neighbor-sess
**log-neighbor-warnings**

```
{ { [ eigrp ] log-neighbor-warnings [ <interval> ] } | { no [ eigrp ] log-neighbor-warnings [ <interval> ] } }
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>eigrp</td>
<td>(Optional) EIGRP router configuration commands</td>
</tr>
<tr>
<td>log-neighbor-warnings</td>
<td>Enable/Disable IP-EIGRP neighbor warnings</td>
</tr>
<tr>
<td>interval</td>
<td>(Optional) Neighbor warning interval in seconds</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/router-eigrp/router-eigrp-vrf-common`  
  `/exec/configure/router-eigrp/router-eigrp-af-common`
logging

[no] logging { lsp { path-errors | preemption | reservation-errors | setups | teardowns } | tunnel { lsp-selection | path change } } | logging { lsp { path-errors | preemption | reservation-errors | setups | teardowns } | tunnel { lsp-selection | path change } }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Trap logging configuration</td>
</tr>
<tr>
<td>lsp</td>
<td>LSP-specific traps logging configuration</td>
</tr>
<tr>
<td>path-errors</td>
<td>Log LSP Path Error traps</td>
</tr>
<tr>
<td>preemption</td>
<td>Log LSP Preemption traps</td>
</tr>
<tr>
<td>reservation-errors</td>
<td>Log LSP Reservation Error traps</td>
</tr>
<tr>
<td>setups</td>
<td>Log LSP Establishment Traps</td>
</tr>
<tr>
<td>teardowns</td>
<td>Log LSP Teardown Traps</td>
</tr>
<tr>
<td>tunnel</td>
<td>Tunnel-specific traps logging configuration</td>
</tr>
<tr>
<td>lsp-selection</td>
<td>Log Tunnel LSP Selection traps</td>
</tr>
<tr>
<td>path</td>
<td>Log Tunnel Path-related traps</td>
</tr>
<tr>
<td>change</td>
<td>Log Tunnel Path change traps</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/te
logging

[no] logging { neighbor-changes |}

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Enable LDP logging</td>
</tr>
<tr>
<td>neighbor-changes</td>
<td>Log LDP neighbor state changes</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/ldp`
### logging abort

logging abort

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>abort</td>
<td>Flushes cached data without committing and releases the lock</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging clear_console

logging clear_console

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Exec logging commands</td>
</tr>
<tr>
<td>clear_console</td>
<td>Clear Console</td>
</tr>
</tbody>
</table>

Command Mode

• /exec
logging commit

logging commit

**Syntax Description**

<table>
<thead>
<tr>
<th>command</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>commit</td>
<td>Commits cached data (of all msg types) and releases the lock</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging console

[no] logging console [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>console</td>
<td>Set console logging</td>
</tr>
<tr>
<td>i0</td>
<td>(Optional) 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging debug

logging debug

Syntax Description

<table>
<thead>
<tr>
<th>logging</th>
<th>Exec logging commands</th>
</tr>
</thead>
<tbody>
<tr>
<td>debug</td>
<td>Debug logging</td>
</tr>
</tbody>
</table>

Command Mode

* /exec
logging distribute

[no] logging distribute

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging drop threshold

logging drop { threshold-packets <threshold-in-packets> | threshold-bytes <threshold-in-bytes> } [ level <level-value> ]

Syntax Description

<table>
<thead>
<tr>
<th>logging</th>
<th>set logging for copp class</th>
</tr>
</thead>
<tbody>
<tr>
<td>drop</td>
<td>logging for copp drops</td>
</tr>
<tr>
<td>threshold-packets</td>
<td>threshold value for dropped packets</td>
</tr>
<tr>
<td>threshold-bytes</td>
<td>threshold value for dropped bytes</td>
</tr>
<tr>
<td>level</td>
<td>(Optional) syslog level</td>
</tr>
<tr>
<td>level-value</td>
<td>(Optional) specify the logging level between 1-7</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/pmap/class
logging drop threshold

[no] logging drop { threshold-packets <threshold-in-packets> | threshold-bytes <threshold-in-bytes> } [ level <level-value> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>set logging for copp class</td>
</tr>
<tr>
<td>drop</td>
<td>logging for copp drops</td>
</tr>
<tr>
<td>threshold-packets</td>
<td>threshold value for dropped packets</td>
</tr>
<tr>
<td>threshold-bytes</td>
<td>threshold value for dropped bytes</td>
</tr>
<tr>
<td>level</td>
<td>(Optional) syslog level</td>
</tr>
<tr>
<td>level-value</td>
<td>(Optional) specify the logging level between 1-7</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/pmap/class`
logging event link enable

[no] logging event { link-status | trunk-status } { enable | default }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>link-status</td>
<td>UPDOWN and CHANGE messages</td>
</tr>
<tr>
<td>trunk-status</td>
<td>TRUNK status messages</td>
</tr>
<tr>
<td>enable</td>
<td>To enable logging overriding port level configuration</td>
</tr>
<tr>
<td>default</td>
<td>default logging configuration used by interfaces not explicitly configured</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging event port link-status

logging event port link-status

Syntax Description

<table>
<thead>
<tr>
<th>logging</th>
<th>Configure logging for interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>link-status</td>
<td>UPDOWN and CHANGE messages</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel
# logging event port link-status

[no] logging event port link-status

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>link-status</td>
<td>UPDOWN and CHANGE messages</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel`
logging event port link-status

logging event port link-status [ default ] | no logging event port link-status

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>link-status</td>
<td>UPDOWN and CHANGE messages</td>
</tr>
<tr>
<td>default</td>
<td>(Optional) Use the global default value</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-ether-sub /exec/configure/if-port-channel-sub /exec/configure/if-gig-ether-sub
- /exec/configure/if-loopback /exec/configure/if-remote-ethernet-sub /exec/configure/if-ether-sub-p2p
logging event port link-status default

logging event port link-status default

Syntax Description

<table>
<thead>
<tr>
<th>logging</th>
<th>Configure logging for interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>link-status</td>
<td>UPDOWN and CHANGE messages</td>
</tr>
<tr>
<td>default</td>
<td>Use the global default value</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel
logging event port trunk-status

logging event port trunk-status

**Syntax Description**

<table>
<thead>
<tr>
<th>logging</th>
<th>Configure logging for interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>trunk-status</td>
<td>TRUNK status messages</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel
logging event port trunk-status

[no] logging event port trunk-status

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>trunk-status</td>
<td>TRUNK status messages</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel
**logging event port trunk-status default**

logging event port trunk-status default

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>event</td>
<td>Interface events</td>
</tr>
<tr>
<td>port</td>
<td>Port level events</td>
</tr>
<tr>
<td>trunk-status</td>
<td>TRUNK status messages</td>
</tr>
<tr>
<td>default</td>
<td>Use the global default value</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel
logging flow-mod

[no] logging flow-mod

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Enable logging</td>
</tr>
<tr>
<td>flow-mod</td>
<td>Enable logging for flow-modify</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure/openflow/switch
logging flow-mod

[no] logging flow-mod

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Enable logging</td>
</tr>
<tr>
<td>flow-mod</td>
<td>Enable logging for flow-modify</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/openflow/switch/sub-switch
logging flush

logging flush

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Exec logging commands</td>
</tr>
<tr>
<td>flush</td>
<td>Flushing logging</td>
</tr>
</tbody>
</table>

Command Mode

* /exec
logging invalid-username

[no] logging invalid-username

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>One Platform logging</td>
</tr>
<tr>
<td>invalid-username</td>
<td>Display invalid usernames in ONE-P log messages</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/onep
logging level

[no] logging level { { ipv6 icmp } | icmpv6 } <level>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ipv6</td>
<td>Configure IPv6 features</td>
</tr>
<tr>
<td>icmp</td>
<td>ICMPv6 Commands</td>
</tr>
<tr>
<td>icmpv6</td>
<td>ICMPv6 Commands</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
logging level


Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>auth</td>
<td>Set level for Authorization System</td>
</tr>
<tr>
<td>authpriv</td>
<td>Set level for Authorization (Private) system</td>
</tr>
<tr>
<td>cron</td>
<td>Set level for Cron/at facility</td>
</tr>
<tr>
<td>daemon</td>
<td>Set level for System daemons</td>
</tr>
<tr>
<td>ftp</td>
<td>Set level for File Transfer System</td>
</tr>
<tr>
<td>kernel</td>
<td>Set level for kernel</td>
</tr>
<tr>
<td>local0</td>
<td>Set level for Local use daemons</td>
</tr>
<tr>
<td>local1</td>
<td>Set level for Local use daemons</td>
</tr>
<tr>
<td>local2</td>
<td>Set level for Local use daemons</td>
</tr>
<tr>
<td>local3</td>
<td>Set level for Local use daemons</td>
</tr>
<tr>
<td>Level</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>0-emerg</td>
<td>1-alert</td>
</tr>
<tr>
<td>2-crit</td>
<td>3-err</td>
</tr>
<tr>
<td>4-warn</td>
<td>5-notif</td>
</tr>
<tr>
<td>6-inform</td>
<td>7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
# logging level

[no] logging level { { otv isis } | isis_otv } <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>otv</td>
<td>Set syslog filter level for OTV</td>
</tr>
<tr>
<td>isis</td>
<td>Set syslog filter level for IS-IS</td>
</tr>
<tr>
<td>isis_otv</td>
<td>Show OTV ISIS logging configuration</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level

[no] logging level { xml server | xmlma } <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>xml</td>
<td>xml agent</td>
</tr>
<tr>
<td>server</td>
<td>xml agent server</td>
</tr>
<tr>
<td>xmlma</td>
<td>xml master agent. Same as combination of keywords xml server</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
logging level aaa

logging level aaa <i0> | no logging level aaa [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>aaa</td>
<td>Set level for aaa syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1&gt;alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level aclmgr

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>aclmgr</td>
<td>Set level for aclmgr syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level adbm

[no] logging level adbm <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>adbm</td>
<td>Set level for adbm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
# logging level adjmgr

[no] logging level adjmgr <level>

## Syntax Description

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>adjmgr</td>
<td>Set syslog filter level for Adjacency Manager</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

## Command Mode
- /exec/configure
logging level all

{ logging level { all <i0> } | no logging level { all [ <i0> ] } }  

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>all</td>
<td>Set level for all facilities</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level amt

[no] logging level amt <level>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>amt</td>
<td>Set syslog filter level for AMT</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level arp

{ logging level arp <level> } | { no logging level arp [ <level> ] } | { no logging level arp [ <level> ] }

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>arp</td>
<td>Set syslog filter level for ARP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ascii-cfg

[no] logging level ascii-cfg <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ascii-cfg</td>
<td>Set logging level for ascii-cfg</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level bfd

[no] logging level bfd <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>bfd</td>
<td>Set level for bfd syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level bgp

[no] logging level bgp <level>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>bgp</td>
<td>Set syslog filter level for BGP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level bloggerd

[no] logging level bloggerd <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>bloggerd</td>
<td>Set level for BloggerD syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level bootvar

[no] logging level bootvar <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>bootvar</td>
<td>Set level for bootvar</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
**logging level callhome**

logging level callhome <i0> | no logging level callhome [ <i0> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>callhome</td>
<td>Callhome syslog level</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level capability

[no] logging level capability <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>capability</td>
<td>Set syslog level for mig utils daemon</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level catena

[no] logging level catena <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>catena</td>
<td>Set level for catena syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level cdp

logging level cdp <i0> | no logging level cdp [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>cdp</td>
<td>Set level for CDP syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level cert

[no] logging level { cert-enroll <i0> | cert_enroll <i1> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>cert-enroll</td>
<td>Cert-enroll syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
<tr>
<td>cert_enroll</td>
<td>Cert-enroll syslog level</td>
</tr>
<tr>
<td>i1</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level cfs

[no] logging level cfs <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level clis

[no] logging level clis <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>clis</td>
<td>Set syslog filter level for CLIS</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level clk_mgr

[no] logging level clk_mgr <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>clk_mgr</td>
<td>Set level for clock manager syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level confcheck

{ logging level confcheck <i0> | no logging level confcheck [ <i0> ] }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level copp

logging level copp <i0> | no logging level copp [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>copp</td>
<td>Set level for copp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
## logging level core

{ logging level core <i0> | no logging level core [ <i0> ] }

### Syntax Description

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>core</td>
<td>core daemon syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

### Command Mode

- `/exec/configure`
logging level cts

[no] logging level cts <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>cts</td>
<td>Set level for cts syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
## logging level device_test

```bash
[no] logging level device_test <0>
```

### Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>no</code></td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td><code>logging</code></td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td><code>level</code></td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td><code>device_test</code></td>
<td>Set level for GOLD Device Test syslog messages</td>
</tr>
<tr>
<td><code>i0</code></td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

### Command Mode

- `/exec/configure`
### logging level dhclient

[no] logging level dhclient <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>dhclient</td>
<td>Set level for dhcp client syslog messages</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level dhcp_snoop

logging level dhcp_snoop <level> | no logging level dhcp_snoop [ <level> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>dhcp_snoop</td>
<td>Set level for dhcp snoop syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level diagclient

[no] logging level diagclient <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>diagclient</td>
<td>Set level for GOLD DiagClient syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
## logging level diagmgr

[no] logging level diagmgr <i0>

### Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>diagmgr</td>
<td>Set level for GOLD DiagMgr syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

### Command Mode

- /exec/configure
logging level dot1x

[no] logging level dot1x <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>dot1x</td>
<td>Set level for dot1x syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level ecp

[no] logging level ecp <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ecp</td>
<td>Set syslog filter level for ECP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level eigrp

[no] logging level eigrp [ <eigrp-ptag> ] <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>eigrp</td>
<td>Set syslog filter level for EIGRP</td>
</tr>
<tr>
<td>eigrp-ptag</td>
<td>(Optional) Process tag</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level eltm

logging level eltm <i0> | no logging level eltm

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>eltm</td>
<td>Set level for eltm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ethdstats

[no] logging level { ethdstats <i0> | eth_dstats <i0> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ethdstats</td>
<td>delta statistics syslog level</td>
</tr>
<tr>
<td>eth_dstats</td>
<td>delta statistics syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ethpm

[no] logging level ethpm <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ethpm</td>
<td>Set level for ethpm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level ethpm link

[no] logging level ethpm { link-up | link-down } <level>

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ethpm</td>
<td>Set level for ethpm syslog messages</td>
</tr>
<tr>
<td>link-up</td>
<td>Configure logging level for link up syslog messages</td>
</tr>
<tr>
<td>link-down</td>
<td>Configure logging level for link down syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>Logging Level</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
# logging level evb

[no] logging level evb <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>evb</td>
<td>Set syslog filter level for EVB</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level evmc

[no] logging level evmc <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>evmc</td>
<td>Set level for evmc syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level evmed

[no] logging level evmed <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>evmed</td>
<td>Set level for evmed syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level evms

[no] logging level evms <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>evms</td>
<td>Set level for evms syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level fabric forwarding

[no] logging level fabric forwarding <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>fabric</td>
<td>Fabric</td>
</tr>
<tr>
<td>forwarding</td>
<td>Fabric Forwarding Protocol: Host Mobility Manager (HMM)</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level feature-mgr

{ logging level feature-mgr <i0> | no logging level feature-mgr [ <i0> ] }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>feature-mgr</td>
<td>Set feature manager syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level fs-daemon

{ logging level fs-daemon <i0> | no logging level fs-daemon [ <i0> ] }

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>fs-daemon</td>
<td>fs daemon syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level glbp

[no] logging level glbp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>glbp</td>
<td>Set level for glbp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
# logging level gpixm

[no] logging level gpixm <i0>

## Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>gpixm</td>
<td>Set level for global-pixm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

## Command Mode

- `/exec/configure`
logging level hsrp

[no] logging level hsrp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>hsrp</td>
<td>Set level for hsrp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level icam

[no] logging level icam <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>icam</td>
<td>Set level for icam syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level igmp

[no] logging level [ ip ] igmp <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ip</td>
<td>(Optional) Configure IP features</td>
</tr>
<tr>
<td>igmp</td>
<td>IGMP global configuration commands</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level im

[no] logging level { im <i0> | ifmgr <i0> }

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>im</td>
<td>Set level for im syslog messages</td>
</tr>
<tr>
<td>ifmgr</td>
<td>Set level for im syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level imp

[no] logging level imp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>imp</td>
<td>Set level for imp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level interface-vlan

[no] logging level interface-vlan <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>interface-vlan</td>
<td>Set level for interface vlan syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ip pim

[no] logging level ip pim <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ip</td>
<td>Configure IP features</td>
</tr>
<tr>
<td>pim</td>
<td>Set syslog filter level for PIM</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level ip sla responder

[no] logging level ip sla responder <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ip</td>
<td></td>
</tr>
<tr>
<td>sla</td>
<td>Service Level Agreement (SLA)</td>
</tr>
<tr>
<td>responder</td>
<td>Set level for sla-responder syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
# logging level ip sla sender

[no] logging level ip sla sender <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ip</td>
<td></td>
</tr>
<tr>
<td>sla</td>
<td>Service Level Agreement (SLA)</td>
</tr>
<tr>
<td>sender</td>
<td>Set level for sla-sender syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level ipconf

[no] logging level ipconf { ipv6 <i0> | <i1> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ipconf</td>
<td>Set level for ipconf syslog messages</td>
</tr>
<tr>
<td>ipv6</td>
<td>Set level for ipconf syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
<tr>
<td>i1</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
logging level ipfib

logging level ipfib <i0> | no logging level ipfib

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ipfib</td>
<td>Set level for ipfib syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level ipqos

[no] logging level {ipqos | IPQOSMGR } <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ipv6 pim

[no] logging level ipv6 pim <level>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ipv6</td>
<td>Configure IPv6 features</td>
</tr>
<tr>
<td>pim</td>
<td>Set syslog filter level for PIM6</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level iscm

[no] logging level iscm <i0>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>iscm</td>
<td>Set level for iscm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level iscm

[no] logging level iscm <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>iscm</td>
<td>Set level for iscm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level isis

[no] logging level isis <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>isis</td>
<td>Set syslog filter level for IS-IS</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level keystore

logging level { keystore | sksd } <i0> | no logging level { keystore | sksd } [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>keystore</td>
<td>Keystore syslog level</td>
</tr>
<tr>
<td>sksd</td>
<td>Keystore/sksd syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>Keystore/sksd syslog level</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level l3vm

[no] logging level l3vm <level>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>l3vm</td>
<td>Set syslog filter level for L3VM</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level lacp

[no] logging level lacp <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>lacp</td>
<td>Set level for lacp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level ldap

logging level ldap <i0> | no logging level ldap [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ldap</td>
<td>Set level for ldap syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level license

logging level { license | licmgr } <i0> | no logging level { license | licmgr } [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>license</td>
<td>Licensing syslog level</td>
</tr>
<tr>
<td>licmgr</td>
<td>Licensing syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level lim

[no] logging level lim <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>lim</td>
<td>Set level for lim syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level lisp

[no] logging level lisp <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>lisp</td>
<td>Set logging level for LISP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level lldp

[no] logging level lldp <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>lldp</td>
<td>Set level for lldp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level mmode

[no] logging level mmode <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mmode</td>
<td>Set level for maintenance mode syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4.warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level module

[no] logging level module <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>module</td>
<td>Set level for module(linecard) manager syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level monitor

[no] logging level monitor <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>monitor</td>
<td>Set level for ethernet span syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
Logging Level MPLS LDP

[no] logging level mpls ldp <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mpls</td>
<td>Set level for MPLS syslog messages</td>
</tr>
<tr>
<td>ldp</td>
<td>Set level for LDP syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level mpls manager

[no] logging level mpls manager <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mpls</td>
<td>Set level for MPLS syslog messages</td>
</tr>
<tr>
<td>manager</td>
<td>Set level for MPLS manager syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level mpls static

[no] logging level mpls static <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mpls</td>
<td>Set level for MPLS syslog messages</td>
</tr>
<tr>
<td>static</td>
<td>Set level for MPLS Static syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level mpls switching

[no] logging level mpls switching <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mpls</td>
<td>Set level for MPLS syslog messages</td>
</tr>
<tr>
<td>switching</td>
<td>Set level for mpls switching syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level mpls traffic-eng

[no] logging level mpls traffic-eng<i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mpls</td>
<td>Set level for MPLS syslog messages</td>
</tr>
<tr>
<td>traffic-eng</td>
<td>Set level for Traffic Engineering syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level msdp

[no] logging level [ ip ] msdp <level>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ip</td>
<td>(Optional) Configure IP features</td>
</tr>
<tr>
<td>msdp</td>
<td>Set syslog filter level for MSDP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level mvsh

[no] logging level mvsh <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>mvsh</td>
<td>Set level for mvsh syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level nat

logging level nat <i0> | no logging level nat [ <i0> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>nat</td>
<td>Set level for NAT syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level nbm

logging level nbm <i0> | no logging level nbm

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>nbm</td>
<td>Set level for nbm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level netstack

{ logging level netstack <level> } | { no logging level netstack [ <level> ] }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>netstack</td>
<td>Set syslog filter level for Netstack</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level nfm

[no] logging level nfm <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>nfm</td>
<td>Set level for nfm syslog messages</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
### logging level ngoam

```markdown
[no] logging level ngoam <i0>
```

#### Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ngoam</td>
<td>Set level for oam logging messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

#### Command Mode

- `/exec/configure handle function sdstub_syslog sdwrap args-legacy`
logging level ntp

[no] logging level ntp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ntp</td>
<td>Set syslog filter level for NTP</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level nve

[no] logging level nve <inp>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>nve</td>
<td>Display NVE information</td>
</tr>
<tr>
<td>inp</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level nxsdk

[no] logging level nxsdk <level>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>nxsdk</td>
<td>NXOS SDK</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level onep

[no] logging level onep <0-7>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>onep</td>
<td>One Platform</td>
</tr>
<tr>
<td>0-7</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level openflow

[no] logging level openflow <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>openflow</td>
<td>Set level for OpenFlow agent syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level orib

[no] logging level orib <level>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>no</strong></td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td><strong>logging</strong></td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td><strong>level</strong></td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td><strong>orib</strong></td>
<td>Set syslog filter level for ORIB</td>
</tr>
<tr>
<td><strong>level</strong></td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level ospf

[no] logging level ospf <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ospf</td>
<td>Set syslog filter level for OSPF</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level ospfv3

[no] logging level ospfv3 <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ospfv3</td>
<td>Set syslog filter level for OSPFv3</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level otm

[no] logging level otm <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>otm</td>
<td>Set level for otm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level otv

[no] logging level otv <level>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>otv</td>
<td>Set syslog filter level for OTV</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level pfstat

logging level pfstat <i0> | no logging level pfstat

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pfstat</td>
<td>Set level for pfstat syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level pim

[no] logging level pim <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pim</td>
<td>Set syslog filter level for PIM</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level pim6

[no] logging level pim6 <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pim6</td>
<td>Set syslog filter level for PIM6</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level pixm

[no] logging level pixm <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pixm</td>
<td>Set level for vdc-local-pixm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level pktmgr

[no] logging level pktmgr <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pktmgr</td>
<td>Set syslog filter level for Packet manager</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level platform

[no] logging level platform <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>platform</td>
<td>platform manager syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level plbm

[no] logging level plbm <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>plbm</td>
<td>Set level for plbm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level plcmsg

[no] logging level { plcmsg | ipplc } <i0>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
**logging level pltfm_config**

[no] logging level pltfm_config <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>pltfm_config</td>
<td>Set level for pltfm_config syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level plugin

{ logging level plugin <i0> | no logging level plugin [ <i0> ] }

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>plugin</td>
<td>Set level for plugin syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

* /exec/configure
logging level poap

[no] logging level poap <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>poap</td>
<td>Set level for poap syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level poed

[no] logging level poed <i0> | no logging level poed [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its default</td>
</tr>
<tr>
<td>logging</td>
<td>Show logging configuration and contents of logfile</td>
</tr>
<tr>
<td>level</td>
<td>Show facility logging configuration</td>
</tr>
<tr>
<td>poed</td>
<td>Show PoE Daemon Logging Configuration</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level port-profile

logging level port-profile <i0> | no logging level port-profile [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>port-profile</td>
<td>Set level for port-profile syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level port-security

logging level port-security <i0> | no logging level port-security [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>port-security</td>
<td>Set level for port-security syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level port_client

[no] logging level port_client <i0>

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>port_client</td>
<td>Set level for port_client syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level port_lb

[no] logging level { port_lb <i0> | diag_port_lb <i0> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>port_lb</td>
<td>Set level for Diagnostic Port Loopback Test syslog messages</td>
</tr>
<tr>
<td>diag_port_lb</td>
<td>Set level for Diagnostic Port Loopback Test syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level private-vlan

[no] logging level private-vlan <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>private-vlan</td>
<td>Set level for private VLAN syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level ptp

[no] logging level ptp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>ptp</td>
<td>Set level for ptp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level radius

logging level radius <i0> | no logging level radius [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>radius</td>
<td>RADIUS syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
## logging level res_mgr

[no] logging level res_mgr <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>res_mgr</td>
<td>Set level for res_mgr syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level rip

[no] logging level rip <level>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>rip</td>
<td>Set syslog filter level for RIP</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
# logging level rpm

[no] logging level rpm <level>

## Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>rpm</td>
<td>Set syslog filter level for RPM</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

## Command Mode

- `/exec/configure`
logging level rsvp

[no] logging level rsvp <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>rsvp</td>
<td>Set level for RSVP syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level scheduler

[no] logging level scheduler <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>scheduler</td>
<td>Set logging level for scheduler</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level security

logging level { security | securityd } <i0> | no logging level { security | securityd } [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>security</td>
<td>Security syslog level</td>
</tr>
<tr>
<td>securityd</td>
<td>Security syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level session-mgr

logging level session-mgr <i0> | no logging level session-mgr [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>session-mgr</td>
<td>Set level for session-manager syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level sflow

[no] logging level sflow <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>sflow</td>
<td>Set level for sFlow syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

• /exec/configure
logging level smartc

[no] logging level smartc <i0>

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>smartc</td>
<td>Set level for smartc syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level smm

[no] logging level smm <level>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>smm</td>
<td>Set logging level for Shared Memory Manager</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level snmpd

[no] logging level snmpd <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>snmpd</td>
<td>Set level for SNMP syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
### logging level snmpmib_proc

[no] logging level snmpmib_proc &lt;i0&gt;

#### Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>snmpmib_proc</td>
<td>Set level for snmpmib_proc syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

#### Command Mode

- /exec/configure
logging level spanning

[no] logging level { spanning-tree } <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>spanning-tree</td>
<td>Set level for stp syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level stripcl

[no] logging level stripcl <log-level>

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>stripcl</td>
<td>Set level for stripcl syslog messages</td>
</tr>
<tr>
<td>log-level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level sysmgr

{ logging level sysmgr <i0> | no logging level sysmgr [ <i0> ] }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level tacacs

logging level tacacs <i0> | no logging level tacacs [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>tacacs</td>
<td>TACACS+ syslog level</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level tamnw

[n]o logging level tamnw <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>tamnw</td>
<td>Set level for tamnw syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level telemetry

[no] logging level telemetry <level>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its default</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>telemetry</td>
<td>Set syslog filter level for telemetry</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level track

[no] logging level track <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>track</td>
<td>Set level for track syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level tunnel

logging level tunnel <i0> | no logging level tunnel [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>tunnel</td>
<td>Set level for tunnel syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
**logging level u6rib**

```
[no] logging level u6rib <level>
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>u6rib</td>
<td>Set syslog filter level for U6RIB</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging level udld

[no] logging level udld <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>udld</td>
<td>Set level for udld syslog messages</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
# logging level urib

```
[no] logging level urib <level>
```

## Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>urib</td>
<td>Set syslog filter level for URIB</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

## Command Mode

- `/exec/configure`
logging level vdc_mgr

[no] logging level vdc_mgr <i0>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vdc_mgr</td>
<td>Set level for vdc_mgr syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging level virtual-service

[no] logging level virtual-service <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>virtual-service</td>
<td>Set level for virtual service syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level vmm

[no] logging level vmm <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vmm</td>
<td>Set level for vmm syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level vmtracker

[no] logging level vmtracker <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vmtracker</td>
<td>Set level for vmtracker syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging level vpc

[no] logging level vpc <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vpc</td>
<td>Set level for vPC syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level vrrp

[no] logging level { vrrp-cfg <cfg_level_num> | vrrp-eng <eng_level_num> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vrrp-cfg</td>
<td>Set level for vrrp configuration</td>
</tr>
<tr>
<td>cfg_level_num</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
<tr>
<td>vrrp-eng</td>
<td>Set level for vrrp engine</td>
</tr>
<tr>
<td>eng_level_num</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level vrrpv3

[no] logging level { vrrpv3 <level> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>vrrpv3</td>
<td>Set level for vrrpv3 configuration</td>
</tr>
<tr>
<td>level</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level vshd

[no] logging level vshd <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging level xbar

[no] logging level xbar <i0>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>level</td>
<td>Facility parameter for syslog messages</td>
</tr>
<tr>
<td>xbar</td>
<td>xbar syslog level</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging logfile

{ logging logfile <s0> <i0> [ size <i1> ] | no logging logfile [ <s0> <i0> [ size <i1> ] ] }

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>logfile</td>
<td>Set File logging</td>
</tr>
<tr>
<td>s0</td>
<td>Enter the logfile name</td>
</tr>
<tr>
<td>i0</td>
<td>0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
<tr>
<td>size</td>
<td>(Optional) Set logfile size</td>
</tr>
<tr>
<td>i1</td>
<td>(Optional) Enter the logfile size in bytes</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging max_filesize

logging max_filesize <i0>

Syntax Description

<table>
<thead>
<tr>
<th>logging</th>
<th>Exec logging commands</th>
</tr>
</thead>
<tbody>
<tr>
<td>max_filesize</td>
<td>Increase default debug logfile size</td>
</tr>
<tr>
<td>i0</td>
<td></td>
</tr>
</tbody>
</table>

Command Mode

• /exec
logging max_messages

logging max_messages <i0>

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Exec logging commands</td>
</tr>
<tr>
<td>max_messages</td>
<td>Increase maximum syslogd message buffer size</td>
</tr>
<tr>
<td>i0</td>
<td></td>
</tr>
</tbody>
</table>

Command Mode

• /exec
logging message interface type ethernet

logging message interface type ethernet <info> | no logging message interface type ethernet <info>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Configure logging for interface</td>
</tr>
<tr>
<td>message</td>
<td>Interface events</td>
</tr>
<tr>
<td>interface</td>
<td>Interface level events</td>
</tr>
<tr>
<td>type</td>
<td>Interface type</td>
</tr>
<tr>
<td>ethernet</td>
<td>Ethernet interfaces</td>
</tr>
<tr>
<td>info</td>
<td>Field Names to be added to interface syslog</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging module

[no] logging module [ <i0> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>module</td>
<td>Set module(linecard) logging</td>
</tr>
<tr>
<td>i0</td>
<td>(Optional) 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging monitor

[no] logging monitor [ <i0> ]

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>monitor</td>
<td>Set terminal line(monitor) logging level</td>
</tr>
<tr>
<td>i0</td>
<td>(Optional) 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure
logging origin-id

[no] logging origin-id { hostname | ip <ip0> | string <s0> }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>origin-id</td>
<td>Enable origin information for Remote Syslog Server</td>
</tr>
<tr>
<td>hostname</td>
<td>Use hostname as origin-id of logging messages</td>
</tr>
<tr>
<td>ip</td>
<td>Use ip address as origin-id of logging messages</td>
</tr>
<tr>
<td>ip0</td>
<td>Hostname/IPv4/IPv6 address</td>
</tr>
<tr>
<td>string</td>
<td>Use text string as origin-id of logging messages</td>
</tr>
<tr>
<td>s0</td>
<td>Enter string to append to the front of syslog msgs</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging reconcile

logging reconcile { all [ force ] | files <i0> | vtys <i1> | dev <s0> }

Syntax Description

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>reconcile</td>
<td>Reconcile the internal data structures in syslogd, only use in console connection when all VTYs are closed</td>
</tr>
<tr>
<td>all</td>
<td>Reconcile all VTY elements in Files array and VTY list - only supported in console</td>
</tr>
<tr>
<td>force</td>
<td>(Optional) Reconcile all VTY elements in Files array and VTY list - force to run in VTYs or console</td>
</tr>
<tr>
<td>files</td>
<td>Reconcile specific element in Files array</td>
</tr>
<tr>
<td>i0</td>
<td>Enter Files array index to reconcile</td>
</tr>
<tr>
<td>vtys</td>
<td>Reconcile specific element in VTY list</td>
</tr>
<tr>
<td>i1</td>
<td>Enter VTY list index to reconcile</td>
</tr>
<tr>
<td>dev</td>
<td>Reconcile specific dev elements in Files array and VTY list</td>
</tr>
<tr>
<td>s0</td>
<td>Enter the dev name to reconcile</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
logging server

[no] logging server <host0> [ [ <i1> ] [ port <port> ] ] [ use-vrf { <vrf-name> | <vrf-known-name> } | facility { auth | authpriv | cron | daemon | ftp | kernel | local0 | local1 | local2 | local3 | local4 | local5 | local6 | local7 | lpr | mail | news | syslog | user | uucp } ] [+]

### Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>server</td>
<td>Enable forwarding to Remote Syslog Server</td>
</tr>
<tr>
<td>host0</td>
<td>Hostname/IPv4/IPv6 address of the Remote Syslog Server</td>
</tr>
<tr>
<td>i1</td>
<td>(Optional) 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug</td>
</tr>
<tr>
<td>port</td>
<td>(Optional) Destination Port when forwarding to remote server</td>
</tr>
<tr>
<td>port</td>
<td>(Optional) Range from 1 - 65535 (Default 514)</td>
</tr>
<tr>
<td>use-vrf</td>
<td>(Optional) Display per-VRF information</td>
</tr>
<tr>
<td>vrf-name</td>
<td>(Optional) VRF name</td>
</tr>
<tr>
<td>vrf-known-name</td>
<td>(Optional) Known VRF name</td>
</tr>
<tr>
<td>facility</td>
<td>(Optional) Facility to use when forwarding to server</td>
</tr>
<tr>
<td>auth</td>
<td>(Optional) Use auth facility</td>
</tr>
<tr>
<td>authpriv</td>
<td>(Optional) Use authpriv facility</td>
</tr>
<tr>
<td>cron</td>
<td>(Optional) Use Cron/at facility</td>
</tr>
<tr>
<td>daemon</td>
<td>(Optional) Use daemon facility</td>
</tr>
<tr>
<td>ftp</td>
<td>(Optional) Use file transfer system facility</td>
</tr>
<tr>
<td>kernel</td>
<td>(Optional) Use kernel facility</td>
</tr>
<tr>
<td>local0</td>
<td>(Optional) Use local0 facility</td>
</tr>
<tr>
<td>local1</td>
<td>(Optional) Use local1 facility</td>
</tr>
<tr>
<td>local2</td>
<td>(Optional) Use local2 facility</td>
</tr>
<tr>
<td>local3</td>
<td>(Optional) Use local3 facility</td>
</tr>
<tr>
<td>local4</td>
<td>(Optional) Use local4 facility</td>
</tr>
<tr>
<td>local5</td>
<td>(Optional) Use local5 facility</td>
</tr>
<tr>
<td>local6</td>
<td>(Optional) Use local6 facility</td>
</tr>
<tr>
<td>Command</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>local7</td>
<td>(Optional) Use local7 facility</td>
</tr>
<tr>
<td>lpr</td>
<td>(Optional) Use lpr facility</td>
</tr>
<tr>
<td>mail</td>
<td>(Optional) Use mail facility</td>
</tr>
<tr>
<td>news</td>
<td>(Optional) Use USENET news facility</td>
</tr>
<tr>
<td>syslog</td>
<td>(Optional) Use syslog facility</td>
</tr>
<tr>
<td>user</td>
<td>(Optional) Use user facility</td>
</tr>
<tr>
<td>uucp</td>
<td>(Optional) Use Unix-to-Unix copy system facility</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure`
logging source-interface

{ logging source-interface <interface> | no logging source-interface }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>source-interface</td>
<td>Enable Source-Interface for Remote Syslog Server</td>
</tr>
<tr>
<td>interface</td>
<td>Source interface name</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logging timestamp

[no] logging timestamp { microseconds | milliseconds | seconds }

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>logging</td>
<td>Modify message logging facilities</td>
</tr>
<tr>
<td>timestamp</td>
<td>Set logging timestamp granularity</td>
</tr>
<tr>
<td>microseconds</td>
<td>Timestamp in micro-seconds</td>
</tr>
<tr>
<td>milliseconds</td>
<td>Timestamp in milli-seconds</td>
</tr>
<tr>
<td>seconds</td>
<td>Timestamp in seconds (Default)</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure
login on-failure log

[no] login on-failure log

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>login</td>
<td>login</td>
</tr>
<tr>
<td>on-failure</td>
<td>Set options for failed login attempt</td>
</tr>
<tr>
<td>log</td>
<td>Generate syslogs on failure logins</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
login on-success log

[no] login on-success log

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>no</strong></td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td><strong>login</strong></td>
<td>login</td>
</tr>
<tr>
<td><strong>on-success</strong></td>
<td>Set options for successful login attempt</td>
</tr>
<tr>
<td><strong>log</strong></td>
<td>Generate syslogs on successful logins</td>
</tr>
</tbody>
</table>

Command Mode

• /exec/configure
logit

logit <log>

Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>logit</td>
<td>Add</td>
</tr>
<tr>
<td>log</td>
<td>Specify</td>
</tr>
</tbody>
</table>

Command Mode

• /exec
logout-warning

{ logout-warning <i0> | no logout-warning [ <i0> ] }

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>logout-warning</td>
<td>Configure logout warning</td>
</tr>
<tr>
<td>&lt;i0&gt;</td>
<td>Enter logout warning time in seconds</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/line
low-memory exempt

[ no | default ] low-memory exempt

Syntax Description

<table>
<thead>
<tr>
<th>no</th>
<th>(Optional) Negate a command or set its defaults</th>
</tr>
</thead>
<tbody>
<tr>
<td>default</td>
<td>(Optional) Inherit values from a peer template</td>
</tr>
<tr>
<td>low-memory</td>
<td>Behaviour</td>
</tr>
<tr>
<td>exempt</td>
<td>Do</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess
Ishow

Ishow

Syntax Description

| Ishow                      | display this instance of credential |

Command Mode

- `/exec/configure/dot1x-cred`
Ishow

Ishow

Syntax Description

<table>
<thead>
<tr>
<th>Ishow</th>
<th>local show: displays config of current interface</th>
</tr>
</thead>
</table>

Command Mode

- /exec/configure/if-igp
Isp-gen-interval

Isp-gen-interval <max-wait> [ <initial-wait> <second-wait> ] | no Isp-gen-interval <max-wait> [ <initial-wait> <second-wait> ]

Syntax Description

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>Isp-gen-interval</td>
<td>Configure LSP generation interval</td>
</tr>
<tr>
<td>max-wait</td>
<td>Maximum wait between trigger and LSP generation (milli-secs)</td>
</tr>
<tr>
<td>initial-wait</td>
<td>(Optional) Initial wait between trigger and LSP generation (milli-secs)</td>
</tr>
<tr>
<td>second-wait</td>
<td>(Optional) Second wait used in LSP generation (milli-secs) during backoff</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common
lsp-gen-interval

Syntax Description

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp-gen-interval</td>
<td>Configure LSP generation interval</td>
</tr>
<tr>
<td>level</td>
<td>IS-IS level</td>
</tr>
<tr>
<td>max-wait</td>
<td>Maximum wait between trigger and LSP generation (milli-secs)</td>
</tr>
<tr>
<td>initial-wait</td>
<td>(Optional) Initial wait between trigger and LSP generation (milli-secs)</td>
</tr>
<tr>
<td>second-wait</td>
<td>(Optional) Second wait used in LSP generation (milli-secs) during backoff</td>
</tr>
</tbody>
</table>

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common
** lsp-mtu **

```
lsp-mtu <mtu> | no lsp-mtu [ <mtu> ]
```

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp-mtu</td>
<td>Set LSP MTU</td>
</tr>
<tr>
<td>mtu</td>
<td>Maximum LSP size in bytes</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/otv-isis/otv-isis-vrf-common`
**Isp-mtu**

Isp-mtu <mtu> | no lsp-mtu [ <mtu> ]

**Syntax Description**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp-mtu</td>
<td>Set LSP MTU</td>
</tr>
<tr>
<td>mtu</td>
<td>Maximum LSP size in bytes</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/router-isis/router-isis-vrf-common
lsp

[no] lsp <lsp-name>

**Syntax Description**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp</td>
<td>Configure the name for the label-switched path</td>
</tr>
<tr>
<td>lsp-name</td>
<td>Name for this LSP</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/mpls_static/ipv4`
[no] lsp <lsp-name>

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp</td>
<td>Configure the name for the label-switched path</td>
</tr>
<tr>
<td>lsp-name</td>
<td>Name for this LSP</td>
</tr>
</tbody>
</table>

**Command Mode**

- /exec/configure/mpls_static/ipv6
**lsp attributes**

```
[no] lsp attributes <name>
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no</td>
<td>(Optional) Negate a command or set its defaults</td>
</tr>
<tr>
<td>lsp</td>
<td>Configure LSP parameters</td>
</tr>
<tr>
<td>attributes</td>
<td>Configure LSP attributes</td>
</tr>
<tr>
<td>name</td>
<td>Name of LSP attribute list</td>
</tr>
</tbody>
</table>

**Command Mode**

- `/exec/configure/te`
isp attributes