



## L Commands

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## l2rib dup-host-mac-detection

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

### Syntax Description

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

### 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

no	Negate a command or set its defaults
l2rib	Layer 2 routing information base
dup-host-mac-recovery	Set Duplicate-Host-MAC-Recovery (Unfreeze) parameters
<i>timeout</i>	Unfreeze timeout (secs)
<i>retry-count</i>	Unfreeze retry count

### 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

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

### Command Mode

- /exec/configure

# l3vm event-history

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

## Syntax Description

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

## Command Mode

- /exec

# label-allocation-mode per-vrf

[no] label-allocation-mode per-vrf

## Syntax Description

no	(Optional) Negate a command or set its defaults
label-allocation-mode	Configure label allocation mode
per-vrf	per VRF label allocation mode

## Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-af-ipv4 /exec/configure/router-bgp/router-bgp-vrf-af-ipv6

# label allocate global

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

## Syntax Description

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

## Command Mode

- /exec/configure/ldp

# lacp fast-select-hot-standby

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

## Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
fast-select-hot-standby	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.

## 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

no	(Optional) Negate a command or set its defaults
lacp	Set LACP parameters for the interface
mode	Enter the LACP mode
delay	Configure delayed lacp on the port-channel

## 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

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
port-priority	Set LACP port priority
<i>port-pri</i>	Enter port priority

## Command Mode

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

# lacp rapid-transition

lacp rapid-transition | no lacp rapid-transition

## Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
rapid-transition	Optimizes LACP timers for rapid transition from P->I, I->P state

## Command Mode

- /exec/configure

# lACP rate

[no] lACP rate

## Syntax Description

no	Negate a command or set its defaults
lACP	Set LACP parameters for the interface
rate	Configure rate at which PDUs are sent by LACP

## 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 rate

lacp rate <rate\_type>

## Syntax Description

lacp	Set LACP parameters for the interface
rate	Configure rate at which PDUs are sent by LACP
<i>rate_type</i>	Rate type

## 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-mac

lacp system-mac <mac-address> [ role <role> ] | no lacp system-mac

## Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
system-mac	Configure the MAC address to be used for the LACP Protocol exchanges
<i>mac-address</i>	MAC-address(FORMAT :xxxx.xxxx.xxxx)
role	(Optional) Configure the role for this Switch
<i>role</i>	(Optional) Role played by the Switch

## Command Mode

- /exec/configure

# lacp system-priority

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

## Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
system-priority	Set LACP system priority
<i>sys-pri</i>	Enter System Priority

## Command Mode

- /exec/configure

# last

| last [ <lines> ]

## Syntax Description

	Pipe command output to filter
last	Display last lines
<i>lines</i>	(Optional) number of lines to print

## Command Mode

- /output

# layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

## Syntax Description

no	(Optional) Negate a command or set its defaults
layer-2	set layer2 multicast lkup mode
multicast	set layer2 multicast lkup mode
lookup	lkup type can be either mac or ip based
mac	set mac based multicast lkup mode

## Command Mode

- /exec/configure/vlan-config /exec/configure/bdomain



# layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

## Syntax Description

no	(Optional) Negate a command or set its defaults
layer-2	set layer2 multicast lkup mode
multicast	set layer2 multicast lkup mode
lookup	lkup type can be either mac or ip based
mac	set mac based multicast lkup mode

## Command Mode

- /exec/configure/vlan

## layer-2 multicast lookup mac

[no] layer-2 multicast lookup mac

### Syntax Description

no	(Optional) Negate a command or set its defaults
layer-2	set layer2 multicast lkup mode
multicast	set layer2 multicast lkup mode
lookup	lkup type can be either mac or ip based
mac	set mac based multicast lkup mode

### Command Mode

- /exec/configure

# layer2-switched flow monitor input

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

## Syntax Description

layer2-switched	Configure L2 features
flow	NetFlow related commands
monitor	Apply a Flow Monitor to this interface
<i>monitorname</i>	Name of Flow Monitor
input	Apply Flow Monitor on input traffic

## Command Mode

- /exec/configure/if-switching

# layer3 peer-router

layer3 peer-router | no layer3 peer-router

## Syntax Description

no	Negate a command or set its defaults
layer3	Enable layer 3 functionality
peer-router	no change for TTL of packets destined to the peer

## Command Mode

- /exec/configure/vpc-domain

# layer3 peer-router syslog

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

## Syntax Description

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

## Command Mode

- /exec/configure/vpc-domain

# ldap-search-map

ldap-search-map <*s0*>

## Syntax Description

ldap-search-map	Set one of the configured search-map as active
<i>s0</i>	Name of the search-map

## Command Mode

- /exec/configure/ldap

# ldap-search-map

[no] ldap-search-map

## Syntax Description

no	Negate a command or set its defaults
ldap-search-map	Set one of the configured search-map as active

## Command Mode

- /exec/configure/ldap

# ldap-server deadtime

[no] ldap-server deadtime <i0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
deadtime	Global LDAP server deadtime period in seconds
<i>i0</i>	LDAP server deadtime period in minutes (default 0 mins -disabled)

## Command Mode

- /exec/configure



# ldap-server host

```
[no] ldap-server host { <hostipname> } [ { 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

no	(Optional) Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
host	LDAP server's DNS name or IP address
<i>hostipname</i>	IPV4/IPV6 address or DNS name
enable-ssl	(Optional) LDAP server enable ssl
port	(Optional) LDAP server's port (default: global config)
<i>i1</i>	(Optional) port number
timeout	(Optional) LDAP server timeout period in seconds
<i>i2</i>	(Optional) LDAP server timeout in seconds (default: global config)
rootDN	(Optional) LDAP server root DN
<i>s0</i>	(Optional) root DN
password	(Optional) LDAP server root password
7	(Optional) LDAP root password (encrypted)
<i>s1</i>	(Optional) password (encrypted)
port1	(Optional) LDAP server's port (default: global config)
<i>i3</i>	(Optional) port number
timeout1	(Optional) LDAP server timeout period in seconds
<i>i4</i>	(Optional) LDAP server timeout in seconds (default: global config)
<i>s2</i>	(Optional) password (clear text)
port2	(Optional) LDAP server's port (default: global config)
<i>i5</i>	(Optional) port number
timeout2	(Optional) LDAP server timeout period in seconds
<i>i6</i>	(Optional) LDAP server timeout in seconds (default: global config)
timeout3	(Optional) LDAP server timeout period in seconds

<i>i7</i>	(Optional) LDAP server timeout in seconds (default: global config)
timeout4	(Optional) LDAP server timeout period in seconds
<i>i8</i>	(Optional) LDAP server timeout in seconds (default: global config)
timeout5	(Optional) LDAP server timeout period in seconds
<i>i9</i>	(Optional) LDAP server timeout in seconds (default: global config)

**Command Mode**

- /exec/configure

# ldap-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

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

## Command Mode

- /exec/configure

# ldap-server port

[no] ldap-server port <i0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
port	Global LDAP server's port (default 389)
<i>i0</i>	port number

## Command Mode

- /exec/configure

# ldap-server timeout

[no] ldap-server timeout <i0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
timeout	Global LDAP server timeout period in seconds
<i>i0</i>	LDAP server timeout period in seconds (default 5 sec)

## Command Mode

- /exec/configure

# ldap search-map

[no] ldap search-map <s0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
ldap	Configure information about ldap
search-map	Configure the search-map
s0	Search Map Name

## Command Mode

- /exec/configure

# less

| less [ -d | -E ] +

## Syntax Description

	Pipe command output to filter
less	Filter for paging
-d	(Optional) dumb terminal
-E	(Optional) quit at end of file

## Command Mode

- /output

# license expiry check\_interval

license expiry check\_interval <i0>

## Syntax Description

license	Enter the license configuration mode
expiry	Configure the expiry check interval
check_interval	Configure the expiry check interval
<i>i0</i>	Specify the license expiry check interval in seconds

## Command Mode

- /exec



# license reserve count package module

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

## Syntax Description

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

## 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

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

### Command Mode

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

## limit-resource m6route-mem maximum

```
{ 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

no	Negate a command or set its defaults
limit-resource	Resource configuration
m6route-mem	set ipv6 route memory limits
minimum	(Optional) minimum route memory to allocate
<i>min</i>	(Optional) minimum route memory value
<i>min-hi</i>	(Optional) minimum route memory value
maximum	maximum route memory to allocate
<i>max-lo</i>	maximum route memory value
<i>max</i>	maximum route memory value
<i>max-hi</i>	maximum route memory value

### Command Mode

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

# limit-resource module-type

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

## Syntax Description

no	Negate a command or set its defaults
limit-resource	Resource configuration
module-type	Controls which type of modules are allowed in this vdc
<i>card-type</i>	Allowed module types

## 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

limit-resource	Resource configuration
monitor-session-erspan-dst	Monitor erspan destination session
minimum	minimum monitor erspan-dst session to allocate
<i>min-val</i>	minimum monitor erspan-dst session value
maximum	maximum monitor erspan-dst session to allocate
<i>max-val</i>	maximum monitor erspan-dst session value
equal-to-min	set maximum value equal to min

## 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

limit-resource	Resource configuration
monitor-session-inband-src	Monitor inband source
minimum	minimum monitor inband source to allocate
<i>min-val</i>	minimum monitor inband source value
maximum	maximum monitor inband source to allocate
<i>max-val</i>	maximum monitor inband source value
equal-to-min	set maximum value equal to min

## 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

limit-resource	Resource configuration
monitor-session	Monitor local/erspan-source session
minimum	minimum monitor local session to allocate
<i>min-val</i>	minimum monitor local session value
maximum	maximum monitor local session to allocate
<i>max-val</i>	maximum monitor local session value
equal-to-min	set maximum value equal to min

## 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

no	Negate a command or set its defaults
limit-resource	Resource configuration
port-channel	set port-channel limits
minimum	minimum port-channels to allocate
<i>min-val</i>	
maximum	maximum port-channels to allocate
<i>max-val</i>	
equal-to-min	set maximum value equal to min

## 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

no	Negate a command or set its defaults
limit-resource	Resource configuration
u4route-mem	set ipv4 route memory limits
minimum	(Optional) minimum route memory to allocate
<i>min-lo</i>	(Optional) minimum route memory value
<i>min</i>	(Optional) minimum route memory value
<i>min-hi</i>	(Optional) minimum route memory value
maximum	maximum route memory to allocate
<i>max-lo</i>	maximum route memory value
<i>max</i>	maximum route memory value
<i>max-hi</i>	maximum route memory value
equal-to-min	maximum value equal to min

### Command Mode

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

## 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

no	Negate a command or set its defaults
limit-resource	Resource configuration
u6route-mem	set ipv6 route memory limits
minimum	(Optional) minimum route memory to allocate
<i>min-lo</i>	(Optional) minimum route memory value
<i>min</i>	(Optional) minimum route memory value
<i>min</i>	(Optional) minimum route memory value
<i>min-hi</i>	(Optional) minimum route memory value
maximum	maximum route memory to allocate
<i>max-lo</i>	maximum route memory value
<i>max</i>	maximum route memory value
<i>max-hi</i>	maximum route memory value
equal-to-min	maximum value equal to min

### Command Mode

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

## 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

no	Negate a command or set its defaults
limit-resource	Resource configuration
vlan	set VLAN limits
minimum	minimum VLANs to allocate
<i>min-val</i>	minimum VLANs value
maximum	maximum VLANs to allocate
<i>max-val</i>	maximum VLANs value
equal-to-min	set maximum value equal to min

### Command Mode

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

# limit-resource vrf minimum maximum equal-to-min

```
{ limit-resource vrf minimum <number1> maximum { <number2> | equal-to-min } } | { no limit-resource vrf [ minimum <number1> maximum { <number2> | equal-to-min } ] }
```

## Syntax Description

no	Negate a command or set its defaults
limit-resource	Resource configuration
vrf	set vrf resource limits
minimum	minimum vrf resources to allocate
<i>number1</i>	minimum vrf resource value
maximum	maximum vrf resources to allocate
<i>number2</i>	maximum vrf resource value
equal-to-min	set maximum value equal to min

## Command Mode

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

# limit address-count

[no] limit address-count <addr\_count>

## Syntax Description

no	(Optional) Negate a command or set its defaults
<i>addr_count</i>	maximum value

## Command Mode

- /exec/configure/config-snoop-policy

# line console

[no] line console

## Syntax Description

no	(Optional) Negate a command or set its defaults
line	Configure a terminal line
console	Primary terminal line

## Command Mode

- /exec/configure

# line console

[no] line console

## Syntax Description

no	(Optional) Negate a command or set its defaults
line	Configure a terminal line
console	Primary terminal line

## Command Mode

- /exec/configure

# line vty

line vty

## Syntax Description

line	Configure a terminal line
vty	Virtual terminal line

## Command Mode

- /exec/configure



# line vty

[no] line vty

## Syntax Description

no	Negate a command or set its defaults
line	Configure a terminal line
vty	Virtual terminal line

## 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

no	Negate a command or set its defaults
link-management	Link Management configuration
timers	Link Management timers configuration
bandwidth-hold	Link Management bandwidth hold timer
<i>bw_seconds</i>	seconds
periodic-flooding	Link Management periodic flooding interval
<i>flood_seconds</i>	seconds [0 to disable, minimum set to 30]

### Command Mode

- /exec/configure/te

# link debounce

```
link debounce { [ link-up [ time <time_val_link_up> ] ] | [ time <time_val> ] } | no link debounce [ link-up ]
```

## Syntax Description

no	Negate a command or set its defaults
link	Configure link
debounce	Configure link debounce timer
time	(Optional) Link debounce time
<i>time_val</i>	(Optional) Timer value (in milliseconds)
<i>time_val_link_up</i>	(Optional) Timer value (in milliseconds)

## Command Mode

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

# link rxlos

link rxlos [ algo <algo\_val> ] | no link rxlos [ algo <algo\_val> ]

## Syntax Description

no	Negate a command or set its defaults
link	Configure link
rxlos	Configure link rxlos algo
algo	(Optional) Link rxlos algo control
<i>algo_val</i>	(Optional) rxlos control options

## Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-sub

# 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

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

## Command Mode

- /exec

# lisp ddt

```
{ [ no ] lisp ddt }
```

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
ddt	Configures a LISP-DDT mapping system functionality

## Command Mode

- /exec/configure /exec/configure/vrf

## lisp ddt authoritative-prefix eid-prefix

```
{ [ no ] lisp ddt authoritative-prefix eid-prefix { <eid-prefix> | <eid-prefix6> } } | { [ no ] lisp ddt
authoritative-prefix instance-id <iid> [ eid-prefix { <eid-prefix> | <eid-prefix6> } ] } | { [ no ] lisp ddt
authoritative-prefix <star> } | { [ no ] lisp ddt authoritative-prefix instance-id { <iidp> | <range> } }
```

### Syntax Description

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

### Command Mode

- /exec/configure /exec/configure/vrf

## lisp ddt delegate eid-prefix

```
{ [ 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

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

### Command Mode

- /exec/configure /exec/configure/vrf



# lisp ddt inherit-referrals

{ [ no ] lisp ddt inherit-referrals }

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
ddt	Configure LISP-DDT parameters
inherit-referrals	Inherit map-server referrals from parent DDT-node

## 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

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

### Command Mode

- /exec/configure /exec/configure/vrf

# lisp ddt private-key

[no] lisp ddt private-key <key>

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
ddt	Configure LISP-DDT parameters
private-key	Configures LISP-DDT private-key for signing Map-Referral messages
<i>key</i>	RSA private-key

## Command Mode

- /exec/configure /exec/configure/vrf

# lisp ddt root

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

## Syntax Description

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

## Command Mode

- /exec/configure /exec/configure/vrf

# lisp dont-prime-map-cache

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
dont-prime-map-cache	Do not send Map-Requests for arbitrary EIDs to prime map-cache

## Command Mode

- /exec/configure /exec/configure/vrf

## lisp dynamic-eid

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

### Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
dynamic-eid	Configure dynamic-EIDs for roaming
<i>dyn-eid-name</i>	Name your dynamic-EID

### Command Mode

- /exec/configure/vrf

# lisp dynamic-eid

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
dynamic-eid	Configure dynamic-EIDs for roaming
<i>dyn-eid-name</i>	Name your dynamic-EID

## Command Mode

- /exec/configure

# lisp explicit-locator-path

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

## Syntax Description

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

## Command Mode

- /exec/configure/vrf



# lisp explicit-locator-path

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

## Syntax Description

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

## Command Mode

- /exec/configure

## lisp extended-subnet-mode

{ [ no ] lisp extended-subnet-mode }

### Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP interface configuration commands
extended-subnet-mode	Create dynamic-EID state when EIDs reside on their home subnet

### Command Mode

- /exec/configure/if-igp

# lisp geo-coordinates

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

## Syntax Description

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

## Command Mode

- /exec/configure /exec/configure/vrf

# lisp ignore-smr

[no] lisp ignore-smr

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
ignore-smr	Do not respond to SMRs when no map-cache entry exists

## Command Mode

- /exec/configure

# lisp instance-id

[no] lisp instance-id <iid>

## Syntax Description

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

## Command Mode

- /exec/configure /exec/configure/vrf

## lisp loc-reach-algorithm

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

### Syntax Description

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

### 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
<i>site-id</i>	Site-ID to group xTRs together

## Command Mode

- /exec/configure /exec/configure/vrf

# lisp mobility

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP interface configuration commands
mobility	Configures to allow EID mobility on interface
<i>dyn-eid-name</i>	Name of the dynamic-EID to use

## Command Mode

- /exec/configure/if-igp



# lisp mobility test-liveness

[no] lisp mobility test-liveness

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP interface configuration commands
mobility	Configures to allow EID mobility on interface
test-liveness	Ping discovered dyn-eid hosts on this interface periodically to determine host liveness

## 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
<i>mtu</i>	<i>mtu</i>

## Command Mode

- /exec/configure

# lisp security

[no] lisp security [ strong ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
security	Configure LISP-SEC on ITR or PITR
strong	(Optional) Reject Map-Replies without LISP-SEC signatures included

## Command Mode

- /exec/configure /exec/configure/vrf

# lisp site

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
site	Configures LISP sites in a map-server
<i>site-name</i>	Name your LISP site

## Command Mode

- /exec/configure

# lisp site

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
site	Configures LISP sites in a map-server
<i>site-name</i>	Name your LISP site

## Command Mode

- /exec/configure/vrf

# lisp smr-local-locators

[no] lisp smr-local-locators

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
smr-local-locators	Send SMR to all locators for in local site

## Command Mode

- /exec/configure

# lisp smr-locators

[no] lisp smr-locators

## Syntax Description

no	(Optional) Negate a command or set its defaults
lisp	LISP global configuration commands
smr-locators	Send SMR to all RLOCs in locator-set for map-cache entry

## Command Mode

- /exec/configure

# lisp to

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

## Syntax Description

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

## Command Mode

- /exec



# list

list

## Syntax Description

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

## Command Mode

- /exec/configure/te/lsp-attr

# list

list [ <index> ]

## Syntax Description

list	Re-list all or part of the explicit path entries
<i>index</i>	(Optional) List starting at entry index number

## Command Mode

- /exec/configure/te/expl-path

# listobject-boolean not

listobject-boolean <object-id> not

## Syntax Description

listobject-boolean	Configure Object as member of tracking list
<i>object-id</i>	Tracked object
not	Negate Up status

## 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

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

## Command Mode

- /exec/configure/tr-list-thrw

# listobject

[no] listobject <object-id>

## Syntax Description

no	(Optional) Negate a command or set its defaults
listobject	Configure Object as member of tracking list
<i>object-id</i>	Tracked Object

## Command Mode

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

# lldp

```
[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

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

## Command Mode

- /exec/configure

# lldp dcbx version auto

lldp dcbx version auto

## Syntax Description

lldp	Configure LLDP parameters
dcbx	Configure DCBX parameters
version	Change the DCBX protocol version
auto	Auto-detect the DCBX version

## 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 dcbx version cee

[no] lldp dcbx version { cee | ieee }

### Syntax Description

no	(Optional) Negate a command or set its defaults
lldp	Configure LLDP parameters
dcbx	Configure DCBX parameters
version	Change the DCBX protocol version
cee	The CEE version of DCBX
ieee	The IEEE 802.1 version of DCBX

### 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 eee rx\_wake\_time

[no] lldp eee { rx\_wake\_time <i0> | tx\_wake\_time <i1> }

## Syntax Description

no	(Optional) Negate a command or set its defaults
lldp	Configure LLDP parameters
eee	Configure LLDP EEE parameters
rx_wake_time	Specify the EEE rx wake time
<i>i0</i>	EEE rx wake time
tx_wake_time	Specify the EEE tx wake time
<i>i1</i>	EEE tx wake time

## 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

no	(Optional) Negate a command or set its defaults
lldp	Configure Interface LLDP parameters
receive	Enable LLDP reception on interface

## 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

no	(Optional) Negate a command or set its defaults
lldp	Configure Interface LLDP parameters
tlv-select	Configure EEE parameter
eee	Enable/Disable LLDP EEE TLV

## 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

no	(Optional) Negate a command or set its defaults
lldp	Configure global LLDP parameters
tlv-select	Selection of LLDP to send
management-address	Management Address TLV
v4	Management Address TLV v4
v6	Management Address TLV v6

### Command Mode

- /exec/configure

# lldp tlv-set management-address

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

## Syntax Description

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

## 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

no	(Optional) Negate a command or set its defaults
lldp	Configure Interface LLDP parameters
tlv-set	LLDP TLV configuration for interface
management-address	Management address to be sent in management-tlv of LLDPDU.
ipv6	IPV6

### 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.
<i>vlan-id</i>	(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

no	(Optional) Negate a command or set its defaults
lldp	Configure Interface LLDP parameters
transmit	Enable LLDP transmission on interface

## 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

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

## 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

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

## Command Mode

- /exec/configure/smarte

# 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

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

## Command Mode

- /exec/configure/plb

# load-balancing

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

## Syntax Description

no	Negate a command or set its defaults
load-balancing	Load balancing method
<i>load-bal</i>	Load balancing method

## Command Mode

- /exec/configure/if-eth-any/glbp

# load-interval

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

## Syntax Description

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
<i>interval</i>	Load interval delay in seconds
<i>interval1</i>	(Optional) Load interval delay in seconds

## 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

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
<i>interval</i>	Load interval delay in seconds
<i>interval1</i>	(Optional) Load interval delay in seconds

## 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

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
counter	Specify counter for this load interval
<i>interval</i>	Load interval delay in seconds
<i>counter_val</i>	Specify counter for this load interval
<i>interval1</i>	(Optional) Load interval delay in seconds

## 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

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
counter	Specify counter for this load interval
<i>counter_val</i>	Specify counter for this load interval
<i>interval</i>	Load interval delay in seconds
<i>interval1</i>	(Optional) Load interval delay in seconds

### Command Mode

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



# load

load <uri0>

## Syntax Description

load	Load system image
<i>uri0</i>	Enter image URI

## Command Mode

- /exec

# load

load <uri0> [ <s0> ]

## Syntax Description

load	Load system image
<i>uri0</i>	Enter image URI
<i>s0</i>	(Optional) Options

## Command Mode

- /exec

# load

load <uri0> [ <s0> ]

## Syntax Description

load	Load system image
<i>uri0</i>	Enter image URI
<i>s0</i>	(Optional) Options

## Command Mode

- /exec

# local-as

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

## Syntax Description

no	Negate a command or set its defaults
local-as	Specify the local-as for this vrf
<i>asn</i>	AS number

## 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

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

## 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 { <ipv6-prefix-mask> } }
```

### Syntax Description

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

### Command Mode

- /exec/configure/mpls\_static/ipv6

# local-label prefix

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

## Syntax Description

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

## Command Mode

- /exec/configure/mpls\_static/ipv4

# locator-led

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

## Syntax Description

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

## Command Mode

- /exec



# lockdown

[no] lockdown

## Syntax Description

no	(Optional) Negate a command or set its defaults
lockdown	Lockdown the LSP--disable reoptimization

## Command Mode

- /exec/configure/te/lsp-attr

# log-adjacency-changes

[no] log-adjacency-changes [ detail ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
log-adjacency-changes	Log changes in adjacency state
detail	(Optional) Notify all state changes

## Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

# log-adjacency-changes

[no] log-adjacency-changes [ detail ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
log-adjacency-changes	Log changes in adjacency state
detail	(Optional) Notify all state changes

## Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

# log-adjacency-changes

[no] log-adjacency-changes

## Syntax Description

no	(Optional) Negate a command or set its defaults
log-adjacency-changes	Log changes in adjacency state

## Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

# log-adjacency-changes

[no] log-adjacency-changes

## Syntax Description

no	(Optional) Negate a command or set its defaults
log-adjacency-changes	Log changes in adjacency state

## Command Mode

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

# log-adjacency-changes

{ [ no ] log-adjacency-changes } | { [ no ] [ eigrp ] log-neighbor-changes }

## Syntax Description

no	(Optional) Negate a command or set its defaults
eigrp	(Optional) EIGRP router configuration commands
log-adjacency-changes	Log changes in adjacency state
log-neighbor-changes	Enable/Disable IP-EIGRP neighbor logging

## Command Mode

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

# log-event-type

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
eigrp	(Optional) EIGRP router configuration commands
log-event-type	Set event types logged
dual	(Optional) Log DUAL events
xmit	(Optional) Log transmission events
transport	(Optional) Log transport events

## 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

no	(Optional) Negate a command or set its defaults
log-neighbor-changes	Log a message for neighbor up/down event

## Command Mode

- /exec/configure/router-bgp/vrf-cmds



# log-neighbor-changes

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
log-neighbor-changes	Log message for neighbor up/down event
disable	(Optional) Disable logging of neighbor up/down event

## 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

no	Negate a command or set its defaults
eigrp	(Optional) EIGRP router configuration commands
log-neighbor-warnings	Enable/Disable IP-EIGRP neighbor warnings
<i>interval</i>	(Optional) Neighbor warning interval in seconds

## 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

no	Negate a command or set its defaults
logging	Trap logging configuration
lsp	LSP-specific traps logging configuration
path-errors	Log LSP Path Error traps
preemption	Log LSP Preemption traps
reservation-errors	Log LSP Reservation Error traps
setups	Log LSP Establishment Traps
teardowns	Log LSP Teardown Traps
tunnel	Tunnel-specific traps logging configuration
lsp-selection	Log Tunnel LSP Selection traps
path	Log Tunnel Path-related traps
change	Log Tunnel Path change traps

## Command Mode

- /exec/configure/te

# logging

[no] logging { neighbor-changes |

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Enable LDP logging
neighbor-changes	Log LDP neighbor state changes

## Command Mode

- /exec/configure/ldp

# logging abort

logging abort

## Syntax Description

logging	Modify message logging facilities
abort	Flushes cached data without committing and releases the lock

## Command Mode

- /exec/configure

# logging clear\_console

logging clear\_console

## Syntax Description

logging	Exec logging commands
clear_console	Clear Console

## Command Mode

- /exec

# logging console

[no] logging console [ <i0> ]

## Syntax Description

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

## Command Mode

- /exec/configure

# logging debug

logging debug

## Syntax Description

logging	Exec logging commands
debug	Debug logging

## Command Mode

- /exec



# logging distribute

[no] logging distribute

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
distribute	Enables/disables fabric distribution using cfs.

## Command Mode

- /exec/configure

# logging event link enable

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Configure logging for interface
event	Interface events
link-status	UPDOWN and CHANGE messages
trunk-status	TRUNK status messages
enable	To enable logging overriding port level configuration
default	default logging configuration used by interfaces not explicitly configured

## Command Mode

- /exec/configure

# logging event port link-status

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

## Syntax Description

no	Negate a command or set its defaults
logging	Configure logging for interface
event	Interface events
port	Port level events
link-status	UPDOWN and CHANGE messages
default	(Optional) Use the global default value

## 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

logging event port link-status

## Syntax Description

logging	Configure logging for interface
event	Interface events
port	Port level events
link-status	UPDOWN and CHANGE messages

## 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

no	Negate a command or set its defaults
logging	Configure logging for interface
event	Interface events
port	Port level events
link-status	UPDOWN and CHANGE messages

## Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel

# logging event port link-status default

logging event port link-status default

## Syntax Description

logging	Configure logging for interface
event	Interface events
port	Port level events
link-status	UPDOWN and CHANGE messages
default	Use the global default value

## 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

logging	Configure logging for interface
event	Interface events
port	Port level events
trunk-status	TRUNK status messages

## 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

no	Negate a command or set its defaults
logging	Configure logging for interface
event	Interface events
port	Port level events
trunk-status	TRUNK status messages

## 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

logging	Configure logging for interface
event	Interface events
port	Port level events
trunk-status	TRUNK status messages
default	Use the global default value

## 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

no	(Optional) Negate a command or set its defaults
logging	Enable logging
flow-mod	Enable logging for flow-modify

## Command Mode

- /exec/configure/openflow/switch

# logging flow-mod

[no] logging flow-mod

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Enable logging
flow-mod	Enable logging for flow-modify

## Command Mode

- /exec/configure/openflow/switch/sub-switch

# logging flush

logging flush

## Syntax Description

logging	Exec logging commands
flush	Flushing logging

## Command Mode

- /exec

# logging invalid-username

[no] logging invalid-username

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	One Platform logging
invalid-username	Display invalid usernames in ONE-P log messages

## Command Mode

- /exec/configure/onep

# logging level

```
{ logging level { auth <i1> | authpriv <i2> | cron <i3> | daemon <i4> | ftp <i5> | kernel <i6> | local0 <i7> |
local1 <i8> | local2 <i9> | local3 <i10> | local4 <i11> | local5 <i12> | local6 <i13> | local7 <i14> | lpr <i15>
| mail <i16> | news <i17> | syslog <i18> | user <i19> | uucp <i20> } | no logging level { auth [ <i1> ] | authpriv
[ <i2> ] | cron [ <i3> ] | daemon [ <i4> ] | ftp [ <i5> ] | kernel [ <i6> ] | local0 [ <i7> ] | local1 [ <i8> ] | local2
[ <i9> ] | local3 [ <i10> ] | local4 [ <i11> ] | local5 [ <i12> ] | local6 [ <i13> ] | local7 [ <i14> ] | lpr [ <i15>
] | mail [ <i16> ] | news [ <i17> ] | syslog [ <i18> ] | user [ <i19> ] | uucp [ <i20> ] } }
```

## Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
auth	Set level for Authorization System
<i>i1</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
authpriv	Set level for Authorization (Private) system
<i>i2</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
cron	Set level for Cron/at facility
<i>i3</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
daemon	Set level for System daemons
<i>i4</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
ftp	Set level for File Transfer System
<i>i5</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
kernel	Set level for kernel
<i>i6</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local0	Set level for Local use daemons
<i>i7</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local1	Set level for Local use daemons
<i>i8</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local2	Set level for Local use daemons
<i>i9</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local3	Set level for Local use daemons

<i>i10</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local4	Set level for Local use daemons
<i>i11</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local5	Set level for Local use daemons
<i>i12</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local6	Set level for Local use daemons
<i>i13</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
local7	Set level for Local use daemons
<i>i14</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
lpr	Set level for Line Printer System
<i>i15</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
mail	Set level for Mail system
<i>i16</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
news	Set level for USENET news
<i>i17</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
syslog	Set level for Internal Syslog Messages
<i>i18</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
user	Set level for User Process
<i>i19</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug
uucp	Set level for Unix-to-Unix copy system
<i>i20</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

### Command Mode

- /exec/configure

# logging level

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

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level aaa

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

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level aclmgr

[no] logging level aclmgr <i0>

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level adbm

[no] logging level adbm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level adjmgr

[no] logging level adjmgr <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level all

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level amt

[no] logging level amt <level>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level arp

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

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level ascii-cfg

[no] logging level ascii-cfg <i0>

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level bfd

[no] logging level bfd <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level bgp

[no] logging level bgp <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level bloggerd

[no] logging level bloggerd <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level bootvar

[no] logging level bootvar <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level callhome

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

## Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
callhome	Callhome syslog level
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure

# logging level capability

[no] logging level capability <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level catena

[no] logging level catena <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level cdp

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level cert

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level cfs

[no] logging level cfs <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level clis

[no] logging level clis <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level clk\_mgr

[no] logging level clk\_mgr <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level confcheck

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level copp

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

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level core

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level cts

[no] logging level cts <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level device\_test

[no] logging level device\_test <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level dhclient

[no] logging level dhclient <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level dhcp\_snoop

logging level dhcp\_snoop <level> | no logging level dhcp\_snoop [ <level> ]

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level diagclient

[no] logging level diagclient <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level diagmgr

[no] logging level diagmgr <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level dot1x

[no] logging level dot1x <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level ecp

[no] logging level ecp <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level eigrp

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level eltm

logging level eltm <i0> | no logging level eltm

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ethdstats

[no] logging level { ethdstats <i0> | eth\_dstats <i0> }

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ethpm

[no] logging level ethpm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level ethpm link

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

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level evb

[no] logging level evb <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level evmc

[no] logging level evmc <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level evmed

[no] logging level evmed <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level evms

[no] logging level evms <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level fabric forwarding

[no] logging level fabric forwarding <level>

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level feature-mgr

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

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level fs-daemon

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level glbp

[no] logging level glbp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level gpixm

[no] logging level gpixm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level hsrp

[no] logging level hsrp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level hw\_telemetry

[no] logging level hw\_telemetry <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level icam

[no] logging level icam <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level igmp

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level im

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level imp

[no] logging level imp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level interface-vlan

[no] logging level interface-vlan <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ip pim

[no] logging level ip pim <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ip sla responder

[no] logging level ip sla responder <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level ip sla sender

[no] logging level ip sla sender <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ipconf

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ipfib

logging level ipfib <i0> | no logging level ipfib

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ipqos

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ipv6 pim

[no] logging level ipv6 pim <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level iscm

[no] logging level iscm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level iscm

[no] logging level iscm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level isis

[no] logging level isis <level>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level keystore

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

## Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
keystore	Keystore syslog level
sksd	Keystore/sksd syslog level
<i>i0</i>	

## Command Mode

- /exec/configure

## logging level l3vm

[no] logging level l3vm <level>

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level lacp

[no] logging level lacp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ldap

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level license

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level lim

[no] logging level lim <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level lisp

[no] logging level lisp <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level lldp

[no] logging level lldp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level mmode

[no] logging level mmode <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level module

[no] logging level module <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level monitor

[no] logging level monitor <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mpls ldp

[no] logging level mpls ldp <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mpls manager

[no] logging level mpls manager <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mpls static

[no] logging level mpls static <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mpls switching

[no] logging level mpls switching <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mpls traffic-eng

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

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level msdp

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level mvsh

[no] logging level mvsh <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level nat

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level nbm

logging level nbm <i0> | no logging level nbm

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level netstack

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level nfm

[no] logging level nfm <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ngoam

[no] logging level ngoam <i0>

## Syntax Description

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

## Command Mode

- /exec/configure handle function sdstub\_syslog sdwrap args-legacy

# logging level ntp

[no] logging level ntp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level nve

[no] logging level nve <inp>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level nxsdk

[no] logging level nxsdk <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level onep

[no] logging level onep <0-7>

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
onep	One Platform
0-7	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure

# logging level openflow

[no] logging level openflow <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level orib

[no] logging level orib <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ospf

[no] logging level ospf <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level ospfv3

[no] logging level ospfv3 <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level otm

[no] logging level otm <i0>

## Syntax Description

logging	Modify message logging facilities
level	Facility parameter for syslog messages
otm	Set level for otm syslog messages
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure



# logging level otv

[no] logging level otv <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level pfstat

logging level pfstat <i0> | no logging level pfstat

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level pim

[no] logging level pim <level>

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level pim6

[no] logging level pim6 <level>

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level pixm

[no] logging level pixm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level pktmgr

[no] logging level pktmgr <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level platform

[no] logging level platform <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level plbm

[no] logging level plbm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level plcmgr

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level pltfm\_config

[no] logging level pltfm\_config <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level plugin

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level poap

[no] logging level poap <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level poed

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

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level port-profile

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

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level port-security

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level port\_client

[no] logging level port\_client <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level port\_lb

[no] logging level { port\_lb <i0> | diag\_port\_lb <i0> }

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level private-vlan

[no] logging level private-vlan <i0>

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level ptp

[no] logging level ptp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level radius

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level res\_mgr

[no] logging level res\_mgr <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level rip

[no] logging level rip <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level rpm

[no] logging level rpm <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level rsvp

[no] logging level rsvp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level scheduler

[no] logging level scheduler <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level security

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level segment-routing

[no] logging level segment-routing <i0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
segment-routing	Set level for SR syslog messages
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure

## logging level session-mgr

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

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level sflow

[no] logging level sflow <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level smartc

[no] logging level smartc <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level smm

[no] logging level smm <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level snmpd

[no] logging level snmpd <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level snmpmib\_proc

[no] logging level snmpmib\_proc <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level spanning

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level stripcl

[no] logging level stripcl <log-level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level sysmgr

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level tacacs

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

## Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
tacacs	TACACS+ syslog level
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure

# logging level tamnw

[no] logging level tamnw <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level telemetry

[no] logging level telemetry <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level track

[no] logging level track <*i0*>

## Syntax Description

logging	Modify message logging facilities
level	Facility parameter for syslog messages
track	Set level for track syslog messages
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure



# logging level tunnel

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level u6rib

[no] logging level u6rib <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level udd

[no] logging level udd <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level urib

[no] logging level urib <level>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level vdc\_mgr

[no] logging level vdc\_mgr <i0>

## Syntax Description

logging	Modify message logging facilities
level	Facility parameter for syslog messages
vdc_mgr	Set level for vdc_mgr syslog messages
<i>i0</i>	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

## Command Mode

- /exec/configure

# logging level virtual-service

[no] logging level virtual-service <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level vmm

[no] logging level vmm <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level vmtracker

[no] logging level vmtracker <i0>

## Syntax Description

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

## Command Mode

- /exec/configure



# logging level vpc

[no] logging level vpc <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

## logging level vrrp

[no] logging level { vrrp-cfg <cfg\_level\_num> | vrrp-eng <eng\_level\_num> }

### Syntax Description

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

### Command Mode

- /exec/configure

# logging level vrrpv3

[no] logging level { vrrpv3 <level> }

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level vshd

[no] logging level vshd <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level vtp

[no] logging level vtp <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging level xbar

[no] logging level xbar <i0>

## Syntax Description

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

## Command Mode

- /exec/configure

# logging logfile

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging max\_filesize

logging max\_filesize <i0>

## Syntax Description

logging	Exec logging commands
max_filesize	Increase default debug logfile size
<i>i0</i>	

## Command Mode

- /exec



# logging max\_messages

logging max\_messages <i0>

## Syntax Description

logging	Exec logging commands
max_messages	Increase maximum syslogd message buffer size
<i>i0</i>	

## Command Mode

- /exec

# logging message interface type ethernet

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

## Syntax Description

no	Negate a command or set its defaults
logging	Configure logging for interface
message	Interface events
interface	Interface level events
type	Interface type
ethernet	Ethernet interfaces
<i>info</i>	Field Names to be added to interface syslog

## Command Mode

- /exec/configure

# logging module

[no] logging module [ <i0> ]

## Syntax Description

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

## Command Mode

- /exec/configure

# logging monitor

[no] logging monitor [ <i0> ]

## Syntax Description

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

## Command Mode

- /exec/configure

# logging origin-id

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

## Syntax Description

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

## Command Mode

- /exec/configure

# logging rate-limit

[no] logging rate-limit

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
rate-limit	Enables rate limit for log messages

## Command Mode

- /exec/configure

# logging reconcile

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

## Syntax Description

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

## 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

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



local7	(Optional) Use local7 facility
lpr	(Optional) Use lpr facility
mail	(Optional) Use mail facility
news	(Optional) Use USENET news facility
syslog	(Optional) Use syslog facility
user	(Optional) Use user facility
uucp	(Optional) Use Unix-to-Unix copy system facility

**Command Mode**

- /exec/configure

# logging server dns-refresh-interval

[no] logging server dns-refresh-interval <i0>

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
server	Enable forwarding to Remote Syslog Server
dns-refresh-interval	DNS refresh interval for remote syslog server hostnames
<i>i0</i>	Configure DNS Refresh interval from 10 minutes to 24 hours Default:60 (will cancel any existing timers)

## Command Mode

- /exec/configure

# logging source-interface

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

## Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
source-interface	Enable Source-Interface for Remote Syslog Server
<i>interface</i>	Source interface name

## Command Mode

- /exec/configure

# logging timestamp

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

## Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
timestamp	Set logging timestamp granularity
microseconds	Timestamp in micro-seconds
milliseconds	Timestamp in milli-seconds
seconds	Timestamp in seconds (Default)

## Command Mode

- /exec/configure

# login on-failure log

[no] login on-failure log

## Syntax Description

no	(Optional) Negate a command or set its defaults
login	login
on-failure	Set options for failed login attempt
log	Generate syslogs on failure logins

## Command Mode

- /exec/configure

# login on-success log

[no] login on-success log

## Syntax Description

no	(Optional) Negate a command or set its defaults
login	login
on-success	Set options for successful login attempt
log	Generate syslogs on successful logins

## Command Mode

- /exec/configure

# logit

logit <log>

## Syntax Description

logit	Add
<i>log</i>	Specify

## Command Mode

- /exec

# logout-warning

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

## Syntax Description

no	Negate a command or set its defaults
logout-warning	Configure logout warning
<i>i0</i>	Enter logout warning time in seconds

## Command Mode

- /exec/configure/line



# low-memory exempt

[ no | default ] low-memory exempt

## Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
low-memory	Behaviour
exempt	Do

## Command Mode

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

# Ishow

Ishow

## Syntax Description

Ishow	display this instance of credential
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## Command Mode

- /exec/configure/dot1x-cred

# Ishow

Ishow

## Syntax Description

Ishow	local show: displays config of current interface
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## Command Mode

- /exec/configure/if-igp

# lsp-gen-interval

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

## Syntax Description

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

## Command Mode

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

# lsp-gen-interval

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

## Syntax Description

no	Negate a command or set its defaults
lsp-gen-interval	Configure LSP generation interval
<i>max-wait</i>	Maximum wait between trigger and LSP generation (milli-secs)
<i>initial-wait</i>	(Optional) Initial wait between trigger and LSP generation (milli-secs)
<i>second-wait</i>	(Optional) Second wait used in LSP generation (milli-secs) during backoff

## Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

# lsp-mtu

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

## Syntax Description

no	Negate a command or set its defaults
lsp-mtu	Set LSP MTU
<i>mtu</i>	Maximum LSP size in bytes

## Command Mode

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

# Isp-mtu

isp-mtu <mtu> | no isp-mtu [ <mtu> ]

## Syntax Description

no	Negate a command or set its defaults
isp-mtu	Set LSP MTU
<i>mtu</i>	Maximum LSP size in bytes

## Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

# lsp

[no] lsp <lsp-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
lsp	Configure the name for the label-switched path
<i>lsp-name</i>	Name for this LSP

## Command Mode

- /exec/configure/mpls\_static/ipv6



# lsp

[no] lsp <lsp-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
lsp	Configure the name for the label-switched path
<i>lsp-name</i>	Name for this LSP

## Command Mode

- /exec/configure/mpls\_static/ipv4

# lsp attributes

[no] lsp attributes <name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
lsp	Configure LSP parameters
attributes	Configure LSP attributes
<i>name</i>	Name of LSP attribute list

## Command Mode

- /exec/configure/te