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l2 mfwd mroute add

[no] l2 mfwd mroute add <vlan_id> <group> <source> <source_mac>

Syntax Description

no	(Optional) Negate a command or set its defaults
l2	Layer2
mfwd	Multicast client
add	Add
mroute	Multicast route information
<i>vlan_id</i>	OTV enabled vlan
<i>source</i>	Source to add
<i>group</i>	Group to add
<i>source_mac</i>	Source MAC

Command Mode

- /exec/configure

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

label-allocation-mode per-vrf | no label-allocation-mode [per-vrf]

Syntax Description

no	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 graceful-convergence

lacp graceful-convergence | no lacp graceful-convergence

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
graceful-convergence	Configure port-channel lacp graceful convergence. Disable this only with lacp ports connected to Non-Nexus peer. Disabling this with Nexus peer can lead to port suspension

Command Mode

- /exec/configure/if-eth-port-channel-switch /exec/configure/if-eth-port-channel /exec/configure/if-eth-port-channel-p2p

lacp max-bundle

lacp max-bundle <max-bundle-number> | no lacp max-bundle [<max-bundle-number>]

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
max-bundle	Configure the port-channel max-bundle
<i>max-bundle-number</i>	Enter the max-bundle number

Command Mode

- /exec/configure/if-eth-port-channel-switch /exec/configure/if-eth-port-channel /exec/configure/if-eth-port-channel-p2p

lacp min-links

lacp min-links <min-links-number> | no lacp min-links [<min-links-number>]

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
min-links	Configure the port-channel min-links
<i>min-links-number</i>	Enter the min-link number

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

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 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 suspend-individual

lacp suspend-individual | no lacp suspend-individual

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
suspend-individual	Configure lacp port-channel state. Disabling this will cause lacp to put the port to individual state and not suspend the port in case it does not get LACP BPDU from the peer ports in 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 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

lacp vpc-convergence

lacp vpc-convergence | no lacp vpc-convergence

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
vpc-convergence	Enable lacp convergence for vPC port channels.

Command Mode

- /exec/configure/if-eth-port-channel-switch /exec/configure/if-eth-port-channel
/exec/configure/if-eth-port-channel-p2p

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

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/vlan-config /exec/configure/bdomain

layer2-switched flow monitor input

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

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
sampler	(Optional) Optional Sampler to apply to this Flow Monitor
<i>samplername</i>	(Optional) Name of Sampler

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>i1</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 grace-period

[no] license grace-period

Syntax Description

no	(Optional) Negate a command or set its defaults
license	Modify license features
grace-period	Configure grace period support for licenses

Command Mode

- /exec/configure

license grace-period days

license grace-period days <i0>

Syntax Description

license	Enter the license configuration mode
grace-period	Configure the grace period
days	Congigure the grace period in days
<i>i0</i>	Number of days

Command Mode

- /exec

license grace-period seconds

license grace-period seconds <i0>

Syntax Description

license	Enter license configuration mode
grace-period	Configure the grace period
seconds	Configure the grace period in seconds
<i>i0</i>	Specify the grace period in seconds

Command Mode

- /exec

license grace period

license grace period <*i0*>

Syntax Description

license	Enter the license configuration mode
grace	Configure the grace period
period	Specify the grace period in days
<i>i0</i>	

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

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

[no] line vty

Syntax Description

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

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

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)

Command Mode

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

lisp

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

Syntax Description

<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/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 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

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

Command Mode

- /exec

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

list

list

Syntax Description

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

Command Mode

- /exec/configure/te/lsp-attr

listobject-boolean not

listobject-boolean <object-id> not

Syntax Description

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 | 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
system-capabilities	System Capabilities TLV
system-description	System Description TLV
system-name	System Name TLV
dcbxp	DCBXP TLVs

Command Mode

- /exec/configure

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	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-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> [<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

load

load <uri0>

Syntax Description

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

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 { <prefix> <mask> | <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
<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

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

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

locator-led fex

[no] locator-led fex <chas_no>

Syntax Description

no	(Optional) Negate the command
locator-led	Turn on locator beacon
fex	Blink FEX ID
<i>chas_no</i>	FEX number

Command Mode

- /exec handle auto 619

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/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-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/l2mp-isis/l2mp-isis-vrf-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 drop threshold

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

Syntax Description

logging	set logging for copp class
drop	logging for copp drops
threshold-packets	threshold value for dropped packets
threshold-bytes	threshold value for dropped bytes
level	(Optional) syslog level
<i>level-value</i>	(Optional) specify the logging level between 1-7

Command Mode

- /exec/configure/pmap/class

logging drop threshold

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

Syntax Description

no	Negate a command or set its defaults
logging	set logging for copp class
drop	logging for copp drops
threshold-packets	threshold value for dropped packets
threshold-bytes	threshold value for dropped bytes
level	(Optional) syslog level
<i>level-value</i>	(Optional) specify the logging level between 1-7

Command Mode

- /exec/configure/pmap/class

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 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 ip access-list cache

[no] logging ip access-list cache { { interval <seconds> } }

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
ip	IP configuration
access-list	Access-list
cache	logging
interval	Log-update interval (in sec)
<i>seconds</i>	Log-update interval in seconds

Command Mode

- /exec/configure

logging ip access-list cache entries

```
[no] logging ip access-list cache { { entries <num_entries> } | { threshold <num_packets> } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
ip	IP configuration
access-list	Access-list
cache	logging
entries	Maximum number of log entries cached in software
<i>num_entries</i>	Number of entries
threshold	Log-update threshold
<i>num_packets</i>	Log-update threshold (number of hits)

Command Mode

- /exec/configure

logging ip access-list detailed

[no] logging ip access-list detailed

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Enable detailed logging
ip	configured IP
access-list	Access-list
detailed	Detailed ACL information

Command Mode

- /exec/configure

logging ip access-list include sgt

[no] logging ip access-list include sgt

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
ip	IP configuration
access-list	Access-list
include	Include additional fields in syslogs
sgt	Include source group tag info in syslogs

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

[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 { port-channel <loglevel> | port_channel <loglevel> | eth_port_channel <loglevel> }

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
port-channel	Set level for port-channel syslog messages
port_channel	Set level for port-channel syslog messages
eth_port_channel	Set level for port-channel syslog messages
<i>loglevel</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 { { routing [ip | ipv4] multicast } | mrib } <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
routing	Configure routing information
ip	(Optional) Configure IP features
ipv4	(Optional) Configure IP features
multicast	Set syslog filter level for MRIB
mrib	Set syslog filter level for MRIB
<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 { { routing ipv6 multicast } | m6rib } <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
routing	Configure routing information
ipv6	Configure IPv6 features
multicast	Set syslog filter level for MRIB
m6rib	Set syslog filter level for MRIB
<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 { { fabricpath isis } | isis_l2mp | isis_fabricpath } <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
fabricpath	fabricpath configuration
isis	Set logging level for fabricpath IS-IS
isis_l2mp	Set fabricpath logging configuration
isis_fabricpath	Set fabricpath 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

```
{ 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 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 aclog

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

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
aclog	Set level for aclog 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 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

logging level dot1x <i0> | no logging level dot1x [<i0>]

Syntax Description

no	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 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 fabricpath switch-id

[no] logging level fabricpath switch-id <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
fabricpath	fabricpath configuration
switch-id	switch-id submodule of fabricpath
<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 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 fex

[no] logging level fex <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
fex	Set level for FEX 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 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 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 l2fm

logging level l2fm <i0> | no logging level l2fm

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
l2fm	Set level for l2fm 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 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 m2rib

[no] logging level m2rib <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
m2rib	Set level for m2rib 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 mfdm

logging level mfdm <i0> | no logging level mfdm

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
mfdm	Set level for mfdm 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 mfwd

[no] logging level { mfwd | mcastfwd } <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
mfwd	Configures Global IP Multicast Forwarding
mcastfwd	Configures Global IP Multicast Forwarding
<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 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 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 plcmgr

[no] logging level { plcmgr | ipple } <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 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 sal

[no] logging level sal <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
sal	Set level for sal 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 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 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 spm

[no] logging level spm <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
spm	Set level for spm 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 u2rib

[no] logging level u2rib <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
u2rib	Set level for u2rib 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 ufdm

[no] logging level ufdm <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
ufdm	Set level for ufdm 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 vlan_mgr

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

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
vlan_mgr	Set level for 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 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 vntag

[no] logging level vntag <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
vntag	Set level for vntag 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 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 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 <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-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/l2mp-isis/l2mp-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/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

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/l2mp-isis/l2mp-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/ipv4

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 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