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l2rib dup-host-mac-detection

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

Syntax Description

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

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

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

l3-device-group

{ l3-device-group <name> } | { no l3-device-group <name> }

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
l3-device-group	PLB L3 device group	
<i>name</i>		PLB L3 device group name

Command Mode

- /exec/configure/plb

l3vm event-history

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

Syntax Description

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

Command Mode

- /exec

label-allocation-mode per-vrf

[no] label-allocation-mode per-vrf

Syntax Description

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

Command Mode

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

label allocate global

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

Syntax Description

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>px-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

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
fast-select-hot-standby	Configure fast select for hot standby ports. Enabling this feature will allow fast selection of hot standby port when last active port in the port-channel is going down.

Command Mode

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

lACP mode delay

[no] lACP mode delay

Syntax Description

Syntax Description	<code>no</code> (Optional) Negate a command or set its defaults
	<code>lACP</code> Set LACP parameters for the interface
	<code>mode</code> Enter the LACP mode
	<code>delay</code> 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

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

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

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

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 system-priority

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

Syntax Description

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

Command Mode

- /exec/configure

last

| last [<lines>]

Syntax Description

Syntax Description

| Pipe command output to filter

last Display last lines

lines (Optional) number of lines to print

Command Mode

- /output

layer2-switched flow monitor input

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

Syntax Description

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

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

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

[no] ldap-search-map

Syntax Description

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-search-map

ldap-search-map <*s0*>

Syntax Description

Syntax Description

ldap-search-map Set one of the configured search-map as active

s0 Name of the search-map

Command Mode

- /exec/configure/ldap

ldap-server deadtime

[no] ldap-server deadtime <i0>

Syntax Description

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
	i0	LDAP server deadtime period in minutes (default 0 mins -disabled)

Command Mode

- /exec/configure

ldap-server host

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

Syntax Description

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>hostname</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

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

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

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

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

Syntax Description

| Pipe command output to filter

ks 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

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

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

Syntax Description	license	Enter the license configuration mode
	grace-period	Configure the grace period
	days	Configure 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

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

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

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

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

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

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

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

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

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

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

Syntax Description

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

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

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

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

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

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

Command Mode

- /exec/configure

line vty

line vty

Syntax Description

Syntax Description

line Configure a terminal line

vy Virtual terminal line

Command Mode

- /exec/configure

line vty

[no] line vty

Syntax Description

Syntax Description

no Negate a command or set its defaults

line Configure a terminal line

vty Virtual terminal line

Command Mode

- /exec/configure

link-management timers bandwidth

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

Syntax Description

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

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

Syntax Description

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

Command Mode

- /exec

lisp ddt

{ [no] lisp ddt }

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

lp LISP global configuration commands

dt 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

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

Syntax Description

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

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

Syntax Description

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

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	
key	RSA private-key	

Command Mode

- /exec/configure /exec/configure/vrf

lisp ddt root

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

Syntax Description

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	
root	IPv4 locator address of DDT root	
public-key	(Optional) DDT root's public key used to verify signed Map-Referrals	
key	(Optional) RSA public-key	

Command Mode

- /exec/configure /exec/configure/vrf

lisp dont-prime-map-cache

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

Syntax Description

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

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 dynamic-eid

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

Syntax Description

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 explicit-locator-path

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

Syntax Description

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 explicit-locator-path

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

Syntax Description

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 extended-subnet-mode

{ [no] lisp extended-subnet-mode }

Syntax Description

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

Syntax Description		
<i>no</i>	(Optional) Negate a command or set its defaults	
<i>lisp</i>	LISP global configuration commands	
<i>geo-coordinates</i>	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

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

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 internal event-history size

[no] lisp internal event-history <lisp-event-hist> size <size_in_text>

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
lisp		LISP debug commands
internal		LISP internal configuration commands
event-history		Configure LISP event log
<i>lisp-event-hist</i>		Configure LISP event log
size		Size of buffer
<i>size_in_text</i>		Buffer size

Command Mode

- /exec/configure

lisp loc-reach-algorithm

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

Syntax Description

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

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

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

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

Syntax Description

no (Optional) Negate a command or set its defaults

lisp LISP global configuration commands

mtu Configure the Max MTU value that LISP path will support

mtu mtu

Command Mode

- /exec/configure

lisp security

[no] lisp security [strong]

Syntax Description

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

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

Command Mode

- /exec/configure

lisp site

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

Syntax Description

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

Command Mode

- /exec/configure/vrf

lisp smr-local-locators

[no] lisp smr-local-locators

Syntax Description

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

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

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

Syntax Description

list Re-list all or part of the explicit path entries

index (Optional) List starting at entry index number

Command Mode

- /exec/configure/te/expl-path

list

list

Syntax Description

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

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

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

Syntax Description

no (Optional) Negate a command or set its defaults

listobject Configure Object as member of tracking list

object-id 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

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

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

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

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

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

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

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

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

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

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

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

Syntax Description

no	(Optional) Negate a command or set its defaults
load-balance	PLB Loadbalance
method	(Optional) PLB 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/plb

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

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

Command Mode

- /exec/configure/smarte

load-balancing

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

Syntax Description

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

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

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

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-interval counter

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

Syntax Description

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

load <uri0> [<s0>]

Syntax Description

Syntax Description

load Load system image

uri0 Enter image URI

s0 (Optional)
Options

Command Mode

- /exec

load

load <uri0>

Syntax Description

Syntax Description

load Load system
image

uri0 Enter image URI

Command Mode

- /exec

load

```
load <uri0> [ <s0> ]
```

Syntax Description

Syntax Description

load Load system image

uri0 Enter image URI

s0 (Optional)
Options

Command Mode

- /exec

local-as

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

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
local-as	Specify the local-as for this vrf
asn	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

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

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

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

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

Command Mode

- /exec

lockdown

[no] lockdown

Syntax Description

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

Syntax Description

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 [detail]

Syntax Description

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

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 [detail]

Syntax Description

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

Syntax Description

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

Command Mode

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

log-event-type

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

Syntax Description

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

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

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

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 { neighbor-changes |

Syntax Description

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

```
[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

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 abort

logging abort

Syntax Description

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

Syntax Description		
	logging	Exec logging commands
	clear_console	Clear Console

Command Mode

- /exec

logging commit

logging commit

Syntax Description

Syntax Description

logging Modify message logging facilities

commit Commits cached data (of all msg types) and releases the lock

Command Mode

- /exec/configure

logging console

[no] logging console [<i0>]

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

logging Modify message logging facilities

console Set console logging

i0 (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

Syntax Description

logging Exec logging
commands

debug Debug logging

Command Mode

- /exec

logging distribute

[no] logging distribute

Syntax Description

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

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

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

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

Syntax Description

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

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

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

Syntax Description

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 default

logging event port link-status default

Syntax Description

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

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

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

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

Command Mode

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

logging flow-mod

[no] logging flow-mod

Syntax Description

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

Command Mode

- /exec/configure/openflow/switch

logging flow-mod

[no] logging flow-mod

Syntax Description

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

Command Mode

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

logging flush

logging flush

Syntax Description

Syntax Description

logging	Exec logging commands
---------	-----------------------

flush	Flushing logging
-------	------------------

Command Mode

- /exec

logging invalid-username

[no] logging invalid-username

Syntax Description

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

Command Mode

- /exec/configure/onep

logging level

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

Syntax Description

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
level	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

Syntax Description

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

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

Command Mode

- /exec/configure

logging level

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

Syntax Description

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
level	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

Command Mode

- /exec/configure

logging level

[no] logging level { xml server | xmlma } <i>0</i>

Syntax Description

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

Command Mode

- /exec/configure

logging level aaa

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

Syntax Description

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

i0 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

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

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
	i0 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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>adjmgr</i> 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

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
	i0	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

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
	level	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

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
	level	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

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

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

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
	level 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

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

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
i0	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

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

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

Command Mode

- /exec/configure

logging level catena

[no] logging level catena <i0>

Syntax Description

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

Command Mode

- /exec/configure

logging level cdp

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

Syntax Description

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

i0 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

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

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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>clis</i> 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

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
	i0	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

Syntax Description	no	Negate a command or set its defaults
	logging	Modify message logging facilities
	level	Facility parameter for syslog messages
	i0	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

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

i0 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

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
	i0	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

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
	i0	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

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
	i0	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

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

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

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

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
	i0 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

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

i0 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

Command Mode

- /exec/configure

logging level ecp

[no] logging level ecp <level>

Syntax Description

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

Command Mode

- /exec/configure

logging level eigrp

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

Syntax Description

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

Syntax Description	no	Negate a command or set its defaults
	logging	Modify message logging facilities
	level	Facility parameter for syslog messages
	eltn	Set level for eltn syslog messages
	i0	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

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
i0	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

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
	i0 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

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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>evb</i> 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

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

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

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

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

Command Mode

- /exec/configure

logging level feature-mgr

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

Syntax Description

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

Command Mode

- /exec/configure

logging level fs-daemon

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

Syntax Description

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

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

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

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 icam

[no] logging level icam <i0>

Syntax Description

Syntax Description	no (Optional) Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	icam Set level for icam syslog messages
	i0 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

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
level	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

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

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
	i0	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

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 msdp

[no] logging level ip msdp <level>

Syntax Description

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
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 ip pim

[no] logging level ip pim <level>

Syntax Description

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

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
i0	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

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

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 ipv6 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

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
	i0	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

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

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

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
i0	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

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
	i0	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>isis</i> 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

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

Command Mode

- /exec/configure

logging level l3vm

[no] logging level l3vm <level>

Syntax Description

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
level	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

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
	i0 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 <i>0</i> | no logging level ldap [<i>0</i>]

Syntax Description

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>i</i> 0	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

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

i0 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

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
	i0	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>lisp</i> 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

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
	i0	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

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
	i0 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

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
	i0	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

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
	i0 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

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

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
	level	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

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

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

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
i0	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

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
	i0 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

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

i0 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

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
	i0	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

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
	level	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>nfm</i> 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 <*i*>

Syntax Description

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>i</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

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
	i0 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

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
	inp	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>nxsdk</i> 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

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

Command Mode

- /exec/configure

logging level openflow

[no] logging level openflow <i0>

Syntax Description

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

Command Mode

- /exec/configure

logging level orib

[no] logging level orib <level>

Syntax Description

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
	level 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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>ospf</i> 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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>ospfv3</i> 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

Syntax Description	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>otm</i> 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

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
	level	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

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
	i0	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>pim6</i> 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

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
	i0 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

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
	level 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

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
	i0	0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

Command Mode

- /exec/configure

logging level plbm

[no] logging level plbm <i0>

Syntax Description

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

Command Mode

- /exec/configure

logging level plcmgr

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

Syntax Description

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> 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

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
i0	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

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
	i0	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

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
	i0	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

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

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
i0		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

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
	i0	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

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

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

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
	i0	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

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
	i0	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

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
i0	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>rip</i> 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

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
	level	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

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
	i0 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 <i>i0</i>

Syntax Description

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

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

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
i0		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

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
	i0 0-emerg 1-alert 2-crit 3-err 4-warn 5-notif 6-inform 7-debug

Command Mode

- /exec/configure

logging level smartc

[no] logging level smartc <i>*i*>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	logging	Modify message logging facilities
	level	Facility parameter for syslog messages
	smartc	Set level for smartc syslog messages
	<i>i</i> 0	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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>smm</i> 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

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

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
i0	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

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
i0		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

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

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

i0 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

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

i0 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

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
i0	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

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
	level	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

Syntax Description

logging Modify message logging facilities

level Facility parameter for syslog messages

track Set level for track syslog messages

i0 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

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
	i0	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

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
level	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

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

Command Mode

- /exec/configure

logging level urib

[no] logging level urib <level>

Syntax Description

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
	level 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

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

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
i0		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

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

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

Command Mode

- /exec/configure

logging level vpc

[no] logging level vpc <i0>

Syntax Description

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
	i0 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

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

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>logging</i> Modify message logging facilities
	<i>level</i> Facility parameter for syslog messages
	<i>vrrpv3</i> 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

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 xbar

[no] logging level xbar <*i0*>

Syntax Description

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

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

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

Syntax Description

logging Exec logging commands

max_messages Increase maximum syslogd message buffer size

i0

Command Mode

- /exec

logging message interface type ethernet

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

Syntax Description

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
	info	Field Names to be added to interface syslog

Command Mode

- /exec/configure

logging module

[no] logging module [<i0>]

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

logging Modify message logging facilities

module Set module(linecard) logging

i0 (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

Syntax Description	no (Optional) Negate a command or set its defaults
	logging Modify message logging facilities
	monitor Set terminal line(monitor) logging level
	i0 (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

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

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

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

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

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

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

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

Syntax Description

logit Add

log Specify

Command Mode

- /exec

logout-warning

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

Syntax Description

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

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

Syntax Description	<code>Ishow</code> display this instance of credential
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Command Mode

- /exec/configure/dot1x-cred

Ishow

Ishow

Syntax Description

Syntax Description

`show` local show: displays config of current interface

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

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

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-mtu

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

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>lsp-mtu</i>	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

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

Command Mode

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

lsp

[no] lsp <lsp-name>

Syntax Description

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

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

Isp attributes

[no] lsp attributes <name>

Syntax Description

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

