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I2 mfwd mroute add

[no] I2 mfwd mroute add *vlan_id* *group* *source* *source_mac*

Syntax	Description
no	Negate a command or set its defaults
I2	Layer2
mfwd	Multicast client
add	Add
mroute	Multicast route information
<i>vlan_id</i>	Type: vlan OTV enabled vlan
<i>source</i>	Type: ipaddr Source to add
<i>group</i>	Type: ipaddr Group to add
<i>source_mac</i>	Type: ethernet Source MAC
Command Modes	• /exec/configure

l2protocol tunnel

[no] l2protocol tunnel [{cdp|dot1x|stp|vtp}]

Syntax Description	no	Negate a command or set its defaults
	l2protocol	Layer 2 Protocol
	tunnel	Protocol Tunneling
	cdp	Enable l2pt for CDP
	dot1x	Enable l2pt for DOT1X
	stp	Enable l2pt for STP
	vtp	Enable l2pt for VTP

Command Modes • /exec/configure/if-switching

l2protocol tunnel cos

l2protocol tunnel cos *cos-value*

Syntax Description

l2protocol Layer 2 Protocol

tunnel Protocol Tunneling

cos CoS

cos-value Type: integer
min: 0 max: 7
CoS Value

Command Modes

- /exec/configure

l2protocol tunnel drop-threshold

l2protocol tunnel drop-threshold [{cdp|dot1x|stp|vtp}] *packets*

Syntax Description

l2protocol	Layer 2 Protocol
tunnel	Protocol Tunneling
drop-threshold	Configure l2pt drop-threshold
cdp	Configure l2pt drop-threshold for CDP
dot1x	Configure l2pt drop-threshold for DOT1X
stp	Configure l2pt drop-threshold for STP
vtp	Configure l2pt drop-threshold for VTP
<i>packets</i>	Type: integer min: 1 max: 4096 Packets/sec rate beyond which protocol packets will be dropped

Command Modes

- /exec/configure/if-switching

l2protocol tunnel shutdown-threshold

l2protocol tunnel shutdown-threshold [{cdp|dot1x|stp|vtp}] *packets*

Syntax Description		
l2protocol		Layer 2 Protocol
tunnel		Protocol Tunneling
shutdown-threshold		Configure l2pt shut-threshold
cdp		Configure l2pt shut-threshold for CDP
dot1x		Configure l2pt shut-threshold for DOT1X
stp		Configure l2pt shut-threshold for STP
vtp		Configure l2pt shut-threshold for VTP
<i>packets</i>		Type: integer min: 1 max: 4096 Packets/sec rate beyond which interface is put to err-disable

Command Modes

- /exec/configure/if-switching

l3vm event-history

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

Syntax	Description
no	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 default: small small value: 65536 Small buffer medium value: 512000 Medium buffer large value: 1024000 Large buffer disabled value: 0 Disabled
<i>size_in_Kbytes</i>	Type: uinteger Size of the file in kbytes

Command Modes • /exec

label-allocation-mode per-vrf

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

Syntax Description

no	Negate a command or set its defaults
label-allocation-mode	Configure label allocation mode <i>Not available in this release.</i>
per-vrf	per VRF label allocation mode

Command Modes

- /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

lacp fast-select-hot-standby

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

Syntax Description

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

Command Modes

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

lacp graceful-convergence

lacp graceful-convergence|no lacp graceful-convergence

Syntax Description

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

Command Modes

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

lACP max-bundle

lACP max-bundle *max-bundle-number* | **no lACP max-bundle** [*max-bundle-number*]

Syntax Description

no	Negate a command or set its defaults
lACP	Set LACP parameters for the interface
max-bundle	Configure the port-channel max-bundle
<i>max-bundle-number</i>	Type: integer min: 1 max: 32 Enter the max-bundle number

Command Modes

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

lacp min-links

lacp min-links *min-links-number* | **no lacp min-links** [*min-links-number*]

Syntax Description

no Negate a command or set its defaults

lacp Set LACP parameters for the interface

min-links Configure the port-channel min-links

min-links-number Type: integer

min: 1 max: 16

Enter the min-link number

Command Modes

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

lACP port-priority

lACP port-priority *port-pri*|**no lACP port-priority**

Syntax Description

no Negate a command or set its defaults

lACP Set LACP parameters for the interface

port-priority Set LACP port priority

port-pri Type: integer
min: 1 max: 65535
Enter port priority

Command Modes

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

lacp rate

lacp rate *rate-type* | **no lacp rate**

Syntax Description

no Negate a command or set its defaults

lacp Set LACP parameters for the interface

rate Configure rate at which PDUs are sent by LACP

rate-type Rate type

normal value: 0

Specifies that LACP control packets are transmitted at the normal rate, every 30 seconds after the link is bundled

fast value: 1

Specifies that LACP control packets are transmitted at the fast rate, once every 1 second

Command Modes

- /exec/configure/if-ethernet
- /exec/configure/if-ethernet-switch
- /exec/configure/if-ethernet-all
- /exec/configure/if-ethernet-m
- /exec/configure/if-ethernet-switch-m
- /exec/configure/if-remote-ethernet
- /exec/configure/if-remote-ethernet-switch

lacp suspend-individual

lacp suspend-individual|no lacp suspend-individual

Syntax Description

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

Command Modes

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

lacp system-priority

lacp system-priority *sys-pri*|**no lacp system-priority**

Syntax Description

no	Negate a command or set its defaults
lacp	Set LACP parameters for the interface
system-priority	Set LACP system priority
<i>sys-pri</i>	Type: integer min: 1 max: 65535 Enter System Priority

Command Modes

- /exec/configure

last

" | " **last** [*lines*]

Syntax Description

| Pipe command output to filter

last Display last lines

lines Type: integer

min: 0 max: 9999

number of lines to print

Command Modes

• /output

layer3 peer

layer3 peer|no layer3 peer

Syntax Description

no Negate a command or set its defaults

layer3 Enable layer 3 functionality

peer no change for TTL of packets destined to the peer

Command Modes

- /exec/configure/vpc-domain

ldap-search-map

ldap-search-map *s0*

Syntax Description	ldap-search-map Set one of the configured search-map as active
	<i>s0</i> Type: string
	length: 128
	Name of the search-map
Command Modes	• /exec/configure/ldap

ldap-server downtime

[no] ldap-server downtime *i0*

Syntax Description

no Negate a command or set its defaults

ldap-server Configure LDAP related parameters

downtime Global LDAP server downtime period in seconds

i0 Type: integer

min: 1 max: 60

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

Command Modes

- /exec/configure

ldap-server host

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

Syntax Description

no	Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
host	LDAP server's DNS name or IP address
<i>hostipname</i>	Type: nameorip IPV4/IPV6 address or DNS name
enable-ssl	LDAP server enable ssl
port	LDAP server's port (default: global config)
<i>i1</i>	Type: integer min: 1 max: 65535 port number
timeout	LDAP server timeout period in seconds
<i>i2</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
rootDN	LDAP server root DN
<i>s0</i>	Type: string length: 128 root DN
password	LDAP server root password
7	LDAP root password (encrypted)
<i>s1</i>	Type: string length: 64 password (encrypted)
port1	LDAP server's port (default: global config)

<i>i3</i>	Type: integer min: 1 max: 65535 port number
-----------	---

timeout1	LDAP server timeout period in seconds
-----------------	---------------------------------------

<i>i4</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
-----------	--

<i>s2</i>	Type: string length: 64 password (clear text)
-----------	---

port2	LDAP server's port (default: global config)
--------------	---

<i>i5</i>	Type: integer min: 1 max: 65535 port number
-----------	---

timeout2	LDAP server timeout period in seconds
-----------------	---------------------------------------

<i>i6</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
-----------	--

timeout3	LDAP server timeout period in seconds
-----------------	---------------------------------------

<i>i7</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
-----------	--

timeout4	LDAP server timeout period in seconds
-----------------	---------------------------------------

<i>i8</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
-----------	--

timeout5	LDAP server timeout period in seconds
-----------------	---------------------------------------

<i>i9</i>	Type: integer min: 1 max: 60 LDAP server timeout in seconds (default: global config)
-----------	--

Command Modes

- /exec/configure

ldap-server port

[no] ldap-server port *i0*

Syntax Description	no	Negate a command or set its defaults
	ldap-server	Configure LDAP related parameters
	port	Global LDAP server's port (default 389)
	<i>i0</i>	Type: integer min: 1 max: 65535 port number
Command Modes		• /exec/configure

ldap-server timeout

[no] ldap-server timeout *i0*

Syntax Description

no	Negate a command or set its defaults
ldap-server	Configure LDAP related parameters
timeout	Global LDAP server timeout period in seconds
<i>i0</i>	Type: integer min: 1 max: 60 LDAP server timeout period in seconds (default 5 sec)

Command Modes

- /exec/configure

ldap search-map

[no] ldap search-map *s0*

Syntax Description	no	Negate a command or set its defaults
	ldap	Configure information about ldap
	search-map	Configure the search-map
	<i>s0</i>	Type: string length: 128 Search Map Name
Command Modes	• /exec/configure	

less

```
" | " less [{-d|-E}]+
```

Syntax Description

| Pipe command output to filter

less Filter for paging

-d dumb terminal

-E quit at end of file

Command Modes

• /output

license expiry check_interval

license expiry check_interval *i0*

Syntax Description

license	Enter the license configuration mode
expiry	Configure the expiry check interval
check_interval	Configure the expiry check interval
<i>i0</i>	Type: integer min: 5 max: 86400 Specify the license expiry check interval in seconds

Command Modes

- /exec

license grace-period

[no] license grace-period

Syntax Description	no	Negate a command or set its defaults
	license	Modify license features
	grace-period	Configure grace period support for licenses
Command Modes	• /exec/configure	

license grace-period days

license grace-period days *i0*

Syntax Description	license	Enter the license configuration mode
	grace-period	Configure the grace period
	days	Configure the grace period in days
	<i>i0</i>	Type: integer min: 0 max: 120 Number of days
Command Modes	• /exec	

license grace-period seconds

license grace-period seconds *i0*

Syntax Description

license	Enter license configuration mode
grace-period	Configure the grace period
seconds	Configure the grace period in seconds
<i>i0</i>	Type: integer min: 0 max: 10368000 Specify the grace period in seconds

Command Modes

- /exec

license grace period

license grace period *i0*

Syntax Description	license Enter the license configuration mode
	grace Configure the grace period
	period Specify the grace period in days
	<i>i0</i> Type: integer min: 0 max: 120
Command Modes	• /exec

license reserve count package module

[no] license reserve count *i0* package *license-feature* module *il*

Syntax Description

no	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>	Type: integer Count of licenses
package	Name of the license package to reserve
<i>license-feature</i>	Type: string Name of the license package
module	Module number
<i>il</i>	Type: integer Module number

Command Modes

- /exec/configure

limit-resource m4route-mem minimum

limit-resource m4route-mem [**minimum** {*minmin-hi*}] **maximum** {*max-lomaxmax-hi*|**equal-to-min**}|**no**
limit-resource m4route-mem [[**minimum** {*minmin-hi*}] **maximum** {*max-lomaxmax-hi*|**equal-to-min**}]

Syntax	Description
no	Negate a command or set its defaults
limit-resource	Resource configuration
m4route-mem	set ipv4 route memory limits
minimum	minimum route memory to allocate
<i>min</i>	Type: integer min: 3 max: 90 minimum route memory value
<i>min-hi</i>	Type: integer min: 91 max: 2147483647 minimum route memory value
maximum	maximum route memory to allocate
<i>max-lo</i>	Type: integer min: 1 max: 89 maximum route memory value
<i>max</i>	Type: integer min: 3 max: 90 maximum route memory value
<i>max-hi</i>	Type: integer min: 91 max: 2147483647 maximum route memory value
equal-to-min	maximum value equal to min

Command Modes

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

limit-resource m6route-mem minimum

limit-resource m6route-mem [**minimum** {*minmin-hi*}] **maximum** {*max-lomaxmax-hi*}|**no limit-resource m6route-mem** [[**minimum** {*minmin-hi*}] **maximum** {*max-lomaxmax-hi*}]

Syntax Description

no Negate a command or set its defaults

limit-resource Resource configuration

m6route-mem set ipv6 route memory limits

minimum minimum route memory to allocate

min Type: integer
min: 3 max: 20
minimum route memory value

min-hi Type: integer
min: 21 max: 2147483647
minimum route memory value

maximum maximum route memory to allocate

max-lo Type: integer
min: 1 max: 19
maximum route memory value

max Type: integer
min: 3 max: 20
maximum route memory value

max-hi Type: integer
min: 21 max: 2147483647
maximum route memory value

Command Modes

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

limit-resource module-type

limit-resource module-type *card-type+* | **no limit-resource module-type**

Syntax Description

no Negate a command or set its defaults

limit-resource Resource configuration

module-type Controls which type of modules are allowed in this vdc *Not available in this release.*

card-type Allowed module types

m1 value: 0

Enable m1 type modules in this vdc

f1 value: 1

Enable f1 type modules in this vdc

m1xl value: 2

Enable m1xl type modules in this vdc

f2 value: 3

Enable f2 type modules in this vdc

m2xl value: 4

Enable m2 type modules in this vdc

Command Modes

• /exec/configure/vdc

limit-resource port-channel minimum maximum

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

Syntax Description	no	Negate a command or set its defaults
	limit-resource	Resource configuration
	port-channel	set port-channel limits
	minimum	minimum port-channels to allocate
	<i>min-val</i>	Type: integer min: 0 max: 768 minimum port-channel value
	maximum	maximum port-channels to allocate
	<i>max-val</i>	Type: integer min: 0 max: 768 maximum port-channel value
	equal-to-min	set maximum value equal to min

Command Modes	<ul style="list-style-type: none"> • /exec/configure/vdc-template • /exec/configure/vdc
----------------------	---

limit-resource u4route-mem minimum

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

Syntax Description	no	Negate a command or set its defaults
	limit-resource	Resource configuration
	u4route-mem	set ipv4 route memory limits
	minimum	minimum route memory to allocate
	<i>min-lo</i>	Type: integer min: 1 max: 512 minimum route memory value
	<i>min</i>	Type: integer min: 1 max: 512 minimum route memory value
	<i>min-hi</i>	Type: integer min: 513 max: 2147483647 minimum route memory value
	maximum	maximum route memory to allocate
	<i>max-lo</i>	Type: integer min: 1 max: 511 maximum route memory value
	<i>max</i>	Type: integer min: 1 max: 512 maximum route memory value
	<i>max-hi</i>	Type: integer min: 513 max: 2147483647 maximum route memory value
	equal-to-min	maximum value equal to min

Command Modes

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

limit-resource u6route-mem minimum

```
limit-resource u6route-mem [minimum {min-lominmin-hi}] maximum
{max-lomaxmax-hi|equal-to-min} no limit-resource u6route-mem [[minimum {min-lominmin-hi}]
maximum {max-lomaxmax-hi|equal-to-min}]
```

Syntax	Description
no	Negate a command or set its defaults
limit-resource	Resource configuration
u6route-mem	set ipv6 route memory limits
minimum	minimum route memory to allocate
<i>min-lo</i>	Type: integer min: 1 max: 200 minimum route memory value
<i>min</i>	Type: integer min: 1 max: 200 minimum route memory value
<i>min</i>	Type: integer min: 1 max: 200 minimum route memory value
<i>min-hi</i>	Type: integer min: 201 max: 2147483647 minimum route memory value
maximum	maximum route memory to allocate
<i>max-lo</i>	Type: integer min: 1 max: 199 maximum route memory value
<i>max</i>	Type: integer min: 1 max: 200 maximum route memory value
<i>max-hi</i>	Type: integer min: 201 max: 2147483647 maximum route memory value

equal-to-min maximum value equal to min

Command Modes

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

limit-resource vlan minimum

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

Syntax Description	no	Negate a command or set its defaults
	limit-resource	Resource configuration
	vlan	set VLAN limits
	minimum	minimum VLANs to allocate
	<i>min-val</i>	Type: integer min: 16 max: 4094 minimum VLANs value
	maximum	maximum VLANs to allocate
	<i>max-val</i>	Type: integer min: 16 max: 4094 maximum VLANs value
	equal-to-min	set maximum value equal to min

Command Modes	<ul style="list-style-type: none"> • /exec/configure/vdc-template • /exec/configure/vdc
----------------------	---

limit-resource vrf minimum

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

Syntax Description	no	Negate a command or set its defaults
	limit-resource	Resource configuration
	vrf	set vrf resource limits
	minimum	minimum vrf resources to allocate
	<i>number1</i>	Type: integer min: 2 max: 4096 minimum vrf resource value
	maximum	maximum vrf resources to allocate
	<i>number2</i>	Type: integer min: 2 max: 4096 maximum vrf resource value
	equal-to-min	set maximum value equal to min

Command Modes	<ul style="list-style-type: none"> • /exec/configure/vdc-template • /exec/configure/vdc
----------------------	---

line console (syscli)

[no] line console

Syntax Description	no	Negate a command or set its defaults
---------------------------	-----------	--------------------------------------

	line	Configure a terminal line
--	-------------	---------------------------

	console	Primary terminal line
--	----------------	-----------------------

Command Modes	• /exec/configure
----------------------	-------------------

line console (vsh)

[no] line console

Syntax Description	no Negate a command or set its defaults
	line Configure a terminal line
	console Primary terminal line
Command Modes	• /exec/configure

line vty

line vty

Syntax Description

line Configure a terminal line

vty Virtual terminal line

Command Modes

- /exec/configure

link debounce

link debounce [**time** *time_val*]**no link debounce** [**time** *time_val*]

Syntax Description

no Negate a command or set its defaults

link Configure link

debounce Configure link debounce timer

time Link debounce time

time_val Type: integer

min: 0 max: 5000

Timer value (in milliseconds)

Command Modes

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

listobject-boolean not

listobject-boolean *object-id* **not**

Syntax	Description
listobject-boolean	Configure Object as member of tracking list
<i>object-id</i>	Type: integer min: 1 max: 500 Tracked object
not	Negate Up status

Command Modes

- /exec/configure/tr-list-bool

listobject

[no] listobject *object-id*

Syntax Description

no Negate a command or set its defaults

listobject Configure Object as member of tracking list

object-id Type: integer

min: 1 max: 500

Tracked Object

Command Modes

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

listobject-weightthreshold-weight

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

Syntax Description

no	Negate a command or set its defaults
listobject-weight	Configure Object as member of tracking list
<i>object-id</i>	Type: integer min: 1 max: 500 Tracked Object
weight	Assign a weight to object
<i>weight-val</i>	Type: integer min: 1 max: 255 Assign a weight to object
threshold-weight	Threshold parameters
weight-thresh	Weight threshold
weightup	Up threshold
<i>up-weight</i>	Type: integer min: 0 max: 255 Up threshold weight
weightdown	Down threshold
<i>down-weight</i>	Type: integer min: 0 max: 255 Down threshold weight

Command Modes

- /exec/configure/tr-list-thrw

lldp (lldp)

[no] lldp {receive|transmit}

Syntax Description	no	Negate a command or set its defaults
	lldp	Configure Interface LLDP parameters
	receive	Enable LLDP reception on interface
	transmit	Enable LLDP transmission on interface

Command Modes

- /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 (lldp)

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

Syntax Description

no	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>	Type: integer min: 10 max: 255 holdtime in sec
reinit	Delay (in sec) for LLDP initialisation on any interface
<i>i1</i>	Type: integer min: 1 max: 10 reinit in sec
timer	Specify the rate at which LLDP packets are sent (in sec)
<i>i2</i>	Type: integer min: 5 max: 254 rate of packets in sec
portid-subtype	config portid subtype for LLDP TLV and SNMP MIBs
<i>i3</i>	Type: uinteger min: 0 max: 1 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 Modes

- /exec/configure

lldp eee

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

Syntax Description

no	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>	Type: integer min: 1 max: 32 EEE rx wake time
tx_wake_time	Specify the EEE tx wake time
<i>i1</i>	Type: integer min: 1 max: 32 EEE tx wake time

Command Modes

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

lldp tlv-select eee

[no] lldp tlv-select eee

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

Command Modes	<ul style="list-style-type: none">• /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-balancing

load-balancing *load-bal*|**no load-balancing** [*load-bal*]

Syntax Description

no	Negate a command or set its defaults
load-balancing	Load balancing method
<i>load-bal</i>	Load balancing method
host-dependent value: 3	Load balance equally, source MAC determines forwarder choice
round-robin value: 1	Load balance equally using each forwarder in turn
weighted value: 2	Load balance in proportion to forwarder weighting

Command Modes

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

load (conditional_core)

load *uri0* [*s0*]

Syntax Description

load Load system image

uri0 Type: uri

Enter image URI

s0 Type: string

Options

Command Modes

• /exec

load-interval (if_manager)

load-interval [**counter** *counter_val*] *interval*|**no load-interval** [**counter** *counter_val*] [*interval1*]

Syntax Description

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
counter	Specify counter for this load interval
<i>counter_val</i>	Type: uinteger min: 1 max: 3 Specify counter for this load interval
<i>interval</i>	Type: uinteger min: 30 max: 300 Load interval delay in seconds
<i>interval1</i>	Type: uinteger min: 30 max: 300 Load interval delay in seconds

Command Modes

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

load-interval (oim)

load-interval *interval* | **no load-interval**

Syntax Description	no	Negate a command or set its defaults
	load-interval	Specify interval for load calculation for an interface
	<i>interval</i>	Type: uinteger min: 120 max: 300 Load interval delay in seconds
Command Modes	• /exec/configure/if-te	

load-interval (svi)

load-interval [**counter** *counter_val*] *interval*|**no load-interval** [**counter** *counter_val*] [*interval1*]

Syntax Description

no	Negate a command or set its defaults
load-interval	Specify interval for load calculation for an interface
counter	Specify counter for this load interval
<i>interval</i>	Type: uinteger min: 60 max: 600 Load interval delay in seconds
<i>counter_val</i>	Type: uinteger min: 1 max: 3 Specify counter for this load interval
<i>interval1</i>	Type: uinteger min: 60 max: 600 Load interval delay in seconds

Command Modes

- /exec/configure/if-vlan-common

load (load)

load *uri0* [*s0*]

Syntax Description

load Load system image

uri0 Type: uri

Enter image URI

s0 Type: string

Options

Command Modes

• /exec

local-as

local-as *asn*|**no local-as** [*asn*]

Syntax Description

no Negate a command or set its defaults

local-as Specify the local-as for this vrf

asn Type: asn

AS number

Command Modes

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

locator-led

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

Syntax Description	
no	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>	Type: integer please enter the module number
fan	blink Fan led
<i>fan_num</i>	Type: uinteger min: 1 max: 12 fan number
Command Modes	• /exec

locator-led fex

[no] locator-led fex *chas_no*

Syntax Description

no Negate the command

locator-led Turn on locator beacon

fex Blink FEX ID

chas_no Type: uinteger
min: 100 max: 199
FEX number

Command Modes

• /exec

log-adjacency-changes (isis)

[no] log-adjacency-changes

Syntax Description	no Negate a command or set its defaults
	log-adjacency-changes Log changes in adjacency state
Command Modes	• /exec/configure/router-isis/router-isis-vrf-common

log-adjacency-changes (ospf)

[no] log-adjacency-changes [detail]

Syntax Description	no	Negate a command or set its defaults
	log-adjacency-changes	Log changes in adjacency state
	detail	Notify all state changes

Command Modes	<ul style="list-style-type: none">• /exec/configure/router-ospf• /exec/configure/router-ospf/vrf
----------------------	---

log-adjacency-changes (ospfv3)

[no] log-adjacency-changes [detail]

Syntax Description	no	Negate a command or set its defaults
	log-adjacency-changes	Log changes in adjacency state
	detail	Notify all state changes

Command Modes	<ul style="list-style-type: none">• /exec/configure/router-ospf3• /exec/configure/router-ospf3/vrf
----------------------	---

log-event-type

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

Syntax Description

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

Command Modes

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

log-neighbor-changes

[no] log-neighbor-changes

Syntax Description	no Negate a command or set its defaults
	log-neighbor-changes Log a message for neighbor up/down event
Command Modes	• /exec/configure/router-bgp/vrf-cmds

logging clear_console

logging clear_console

Syntax Description	logging	Exec logging commands
	clear_console	Clear Console
Command Modes	• /exec	

logging console

[no] logging console [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

console Set console logging

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging drop threshold logging drop threshold

logging drop threshold *threshold-in-packets* [**level** *level-value*][**no**] **logging drop threshold** [*threshold-in-packets* [**level** *level-value*]]

Syntax Description		
no		Negate a command or set its defaults
logging		set logging for copp class
drop		logging for dropped packets
threshold		threshold value for dropped packets
<i>threshold-in-packets</i>	Type: long	dropped packet count
level		syslog level
<i>level-value</i>	Type: integer-range	specify the logging level between 1-7

Command Modes

- /exec/configure/pmap/class

logging event

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

Syntax Description

no 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 Modes

• /exec/configure

logging event port link-status

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

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

Command Modes

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

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

Syntax Description	no	Negate a command or set its defaults
	logging	Configure logging for interface
	event	Interface events
	port	Port level events
	trunk-status	TRUNK status messages
	default	Use the global default value

Command Modes	<ul style="list-style-type: none">• /exec/configure/if-ethernet-all• /exec/configure/if-eth-base• /exec/configure/if-port-channel
----------------------	---

logging flush

logging flush

Syntax Description

logging Exec logging commands

flush Flushing logging

Command Modes

• /exec

logging invalid-username

[no] logging invalid-username

Syntax Description	no	Negate a command or set its defaults
	logging	One Platform logging
	invalid-username	Display invalid usernames in ONE-P log messages
Command Modes	• /exec/configure/onep	

logging ip access-list cache

[no] logging ip access-list cache {entries *num_entries*|interval *seconds*|threshold *num_packets*}

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
ip	IP configuration
access-list	Access-list
cache	logging
entries	Maximum number of log entries cached in software
<i>num_entries</i>	Type: uinteger min: 0 max: 1048576 default: 8000 Number of entries
interval	Log-update interval (in sec)
<i>seconds</i>	Type: uinteger min: 5 max: 86400 default: 300 Log-update interval in seconds
threshold	Log-update threshold
<i>num_packets</i>	Type: uinteger min: 0 max: 1000000 default: 0 Log-update threshold (number of hits)

Command Modes

- /exec/configure

logging ip access-list include sgt

[no] logging ip access-list include sgt

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

Command Modes • /exec/configure

logging level (certen_tree)

[no] logging level {cert-enroll *i0*|cert_enroll *il*}

Syntax Description

no	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>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
cert_enroll	Cert-enroll syslog level
<i>il</i>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level (diag_port_lb)

[no] logging level {port_lb *i0*|diag_port_lb *i0*}

Syntax Description

no	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>	Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level (eth_dstats)

[no] logging level {ethdstats *i0*|eth_dstats *i0*}

Syntax Description

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

Command Modes

- /exec/configure

logging level (eth_pcm_dc3)

[no] logging level {port-channel *loglevel*|port_channel *loglevel*|eth_port_channel *loglevel*}

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
port-channel	Set level for port-channel syslog messages
port_channel	Set level for port-channel syslog messages
eth_port_channel	Set level for port-channel syslog messages
<i>loglevel</i>	Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level (icmpv6)

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

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level (ifmgr)

[no] logging level {im *i0*|ifmgr *i0*}

Syntax Description	no 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> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level (licmgr)

logging level {license|licmgr} *i0*|**no logging level** {license|licmgr} [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

license Licensing syslog level

licmgr Licensing syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level (mcastfwd)

[no] logging level {mfwd|mcastfwd} *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

mfwd Configures Global IP Multicast Forwarding

mcastfwd Configures Global IP Multicast Forwarding

level Type: uinteger

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level (mrib)

[no] logging level {routing [{ip|ipv4}] multicast|mrib} level

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
routing	Configure routing information
ip	Configure IP features
ipv4	Configure IP features
multicast	Set syslog filter level for MRIB
mrib	Set syslog filter level for MRIB
<i>level</i>	Type: uinteger min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level (nfcli)

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

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level (qosmgr)

[no] logging level {ipqos|IPQOSMGR} *i0*

Syntax Description

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

Command Modes

- /exec/configure

logging level (security_tree)

logging level {security|securityd} *i0*|**no logging level** {security|securityd} [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

security Security syslog level

securityd Security syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level (sksd)

logging level {keystore|sksd} *i0*|**no logging level** {keystore|sksd} [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

keystore Keystore syslog level

sksd Keystore/sksd syslog level

i0 Type: integer
min: 0 max: 7

Command Modes

- /exec/configure

logging level (stp)

[no] logging level spanning-tree *i0*

Syntax Description

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

Command Modes

- /exec/configure

logging level (vrrp_mgr)

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

Syntax Description

no	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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level aaa

logging level aaa *i0*|no logging level aaa [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

aaa Set level for aaa syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level aclog

logging level aclog *i0*|**no logging level aclog** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

aclog Set level for aclog syslog messages

i0 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level aclmgr

[no] logging level aclmgr *i0*

Syntax Description	no 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> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level adjmgr

[no] logging level adjmgr *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

adjmgr Set syslog filter level for Adjacency Manager

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level all

```
logging level {all i0|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 {all [i0]|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]|uucp [i20]}
```

Syntax Description

no	Negate a command or set its defaults
logging	Modify message logging facilities
level	Facility parameter for syslog messages
all	Set level for all facilities
<i>i0</i>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
auth	Set level for Authorization System
<i>i1</i>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
-----------	--

kernel	Set level for kernel
---------------	----------------------

<i>i6</i>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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>	Type: integer min: 0 max: 7 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

i20 Type: integer
min: 0 max: 7
0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level arp

[no] logging level arp *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

arp Set syslog filter level for ARP

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ascii-cfg

[no] logging level ascii-cfg *i0*

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level bfd

[no] logging level bfd *i0*

Syntax Description	no 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> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level bgp

[no] **logging level bgp** *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level bloggerd

[no] logging level bloggerd *i0*

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level bootvar

[no] logging level bootvar *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

bootvar Set level for bootvar

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level callhome

logging level callhome *i0*|**no logging level callhome** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

callhome Callhome syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level capability

[no] logging level capability *i0*

Syntax Description

no	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>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level cdp

logging level cdp *i0* | **no logging level cdp** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

cdp Set level for CDP syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level cfs

[no] logging level cfs *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

cfs Set logging level for CFS

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level clis

[no] logging level clis *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

clis Set syslog filter level for CLIS

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level clk_mgr

[no] logging level clk_mgr *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level confcheck

logging level confcheck *i0*|**no logging level confcheck** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

confcheck ConfCheck syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level copp

logging level copp *i0* | **no logging level copp** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

copp Set level for copp syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level core

logging level core *i0* | **no logging level core** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

core core daemon syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level device_test

[no] logging level device_test *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level dhcp_snoop

`logging level dhcp_snoop level|no logging level dhcp_snoop [level]`

Syntax Description

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

Command Modes

- /exec/configure

logging level diagclient

[no] logging level diagclient *i0*

Syntax Description

no	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>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level diagmgr

[no] logging level diagmgr *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level eigrp

[no] logging level eigrp [*eigrp-ptag*] *level*

Syntax Description

no 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

eigrp-ptag Type: string

pattern: [a-zA-Z0-9_][a-zA-Z0-9_-]*

antipattern: accounting | all | fsm | graceful-restart | interface | interfaces | internal | neighbor | neighbors | notifications | packets | prefix | route | route-map | shutdown | summary | topology | traffic | transmit | urib | vrf | vrf-events

length: 20

Process tag

level Type: uinteger

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level eltm

logging level eltm *i0*|no logging level eltm

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

eltm Set level for eltm syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ethpm (ethpm)

[no] logging level ethpm *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ethpm (if_manager)

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

Syntax	Description
no	Negate a command or set its defaults
system	System management commands
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>	Type: _enum Logging Level

Command Modes

- /exec/configure

logging level evmc

[no] logging level evmc *i0*

Syntax Description

no 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

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level evmed

[no] logging level evmed *i0*

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level evms

[no] logging level evms *i0*

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level feature-mgr

logging level feature-mgr *i0*|**no logging level feature-mgr** [*i0*]

Syntax Description

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

Command Modes

- /exec/configure

logging level fex

[no] logging level fex *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

fex Set level for FEX syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level fs-daemon

logging level fs-daemon *i0* | **no logging level fs-daemon** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

fs-daemon fs daemon syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level glbp

[no] logging level glbp *i0*

Syntax Description

no 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

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level gpixm

[no] logging level gpixm *i0*

Syntax Description

no 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

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level hsrp

[no] logging level hsrp *i0*

Syntax Description

no 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

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level igmp

[no] logging level [ip] igmp *level*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	ip Configure IP features
	igmp IGMP global configuration commands
	<i>level</i> Type: uinteger min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level interface-vlan

[no] logging level interface-vlan *i0*

Syntax Description

no	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>	Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level ip msdp

[no] logging level ip msdp *level*

Syntax Description	no 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> Type: uinteger min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level ip pim

[no] logging level ip pim *level*

Syntax Description

no 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

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ipconf

[no] logging level ipconf {ipv6 *i0i1*}

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

ipconf Set level for ipconf syslog messages

ipv6 Set level for ipconf syslog messages

i0 Type: integer

min: 0 max: 7

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

i1 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ipv6 pim

[no] logging level ipv6 pim *level*

Syntax Description

no 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

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level isis

[no] logging level isis *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

isis Set syslog filter level for IS-IS

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level l2fm

logging level l2fm *i0*|**no logging level l2fm**

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

l2fm Set level for l2fm syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level l2pt

[no] logging level l2pt *log-level*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	l2pt Set level for l2pt syslog messages
	<i>log-level</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level l3vm

[no] **logging level l3vm** *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level lacp

[no] logging level lacp *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ldap

logging level ldap *i0*|**no logging level ldap** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

ldap Set level for ldap syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level lldp

[no] logging level lldp *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	lldp Set level for lldp syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level m2rib

[no] logging level m2rib *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

m2rib Set level for m2rib syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level mfdm

logging level mfdm *i0*|no logging level mfdm

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

mfdm Set level for mfdm syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level module

[no] **logging level module** *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level monitor

[no] **logging level monitor** *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level mpls switching

[no] logging level mpls switching *level*

Syntax Description

no 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

level Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level mvsh

[no] logging level mvsh *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level netstack

[no] **logging level netstack** *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

netstack Set syslog filter level for Netstack

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ntp

[no] logging level ntp *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	ntp Set syslog filter level for NTP
	<i>i0</i> Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level nve

[no] **logging level nve** *inp*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

nve Display NVE information

inp Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level oim

[no] logging level oim *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

oim Display OIM information

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level onep

[no] **logging level onep** *0-7*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

onep One Platform

0-7 Type: integer-range

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

Command Modes

• /exec/configure

logging level orib

[no] logging level orib *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ospf

[no] **logging level ospf** *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

ospf Set syslog filter level for OSPF

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level ospfv3

[no] logging level ospfv3 *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

ospfv3 Set syslog filter level for OSPFv3

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level otm

logging level otm *i0*

Syntax Description

logging Modify message logging facilities

level Facility parameter for syslog messages

otm Set level for otm syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level patch-installer

[no] logging level patch-installer *i0*

Syntax Description

no	Negate a command or set its defaults
logging	Set level for patch-installer
level	Facility parameter for syslog messages
patch-installer	Set level for patch-installer syslog messages
<i>i0</i>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level pfstat

logging level pfstat *i0*|**no logging level pfstat**

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

pfstat Set level for pfstat syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level pixm

[no] logging level pixm *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level platform

[no] logging level platform *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

platform platform manager syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level pltfm_config

[no] logging level pltfm_config *i0*

Syntax Description	no	Negate a command or set its defaults
	logging	Modify message logging facilities
	level	Facility parameter for syslog messages
	pltfm_config	Set level for pltfm_config syslog messages
	<i>i0</i>	Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes		• /exec/configure

logging level plugin

logging level plugin *i0*|**no logging level plugin** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

plugin Set level for plugin syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level poap

[no] logging level poap *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	poap Set level for poap syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level pong

[no] logging level pong *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

pong Set level for Pong syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level port-security

logging level port-security *i0* | **no logging level port-security** [*i0*]

Syntax Description

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

Command Modes

- /exec/configure

logging level port_client

[no] logging level port_client *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level private-vlan

[no] logging level private-vlan *i0*

Syntax Description

no	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>	Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

Command Modes

- /exec/configure

logging level radius

logging level radius *i0* | **no logging level radius** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

radius RADIUS syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level res_mgr

[no] logging level res_mgr *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	res_mgr Set level for res_mgr syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level rip

[no] **logging level rip** *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

rip Set syslog filter level for RIP

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level rpm

[no] logging level rpm *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level rsvp

[no] logging level rsvp *i0*

Syntax Description

no 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 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level sal

[no] logging level sal *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	sal Set level for sal syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level scheduler

[no] logging level scheduler *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

scheduler Set logging level for scheduler

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level session-mgr

logging level session-mgr *i0*|**no logging level session-mgr** [*i0*]

Syntax Description

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

Command Modes

- /exec/configure

logging level smm

[no] **logging level smm** *level*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

smm Set logging level for Shared Memory Manager

level Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level snmpd

[no] logging level snmpd *i0*

Syntax Description	no 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> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level spm

[no] logging level spm *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

spm Set level for spm syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level sysmgr

logging level sysmgr *i0* | **no logging level sysmgr** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

sysmgr System Manager syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level tacacs

logging level "tacacs" *i0*|no logging level "tacacs" [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

tacacs TACACS+ syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level track

[no] logging level track *i0*

Syntax Description	'no' Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	track Set level for track syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level tunnel

logging level tunnel *i0* | **no logging level tunnel** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

tunnel Set level for tunnel syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level u2rib

[no] logging level u2rib *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

u2rib Set level for u2rib syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level u6rib

[no] **logging level u6rib** *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level udd

[no] logging level udd *i0*

Syntax Description

no 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

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level ufdm (ufdm)

[no] logging level ufdm *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

ufdm Set level for ufdm syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level ufdm (ufdm)

logging level ufdm *i00*|no logging level ufdm

Syntax Description

no no

logging logging

level level

ufdm Set level for ufdm syslog msgs

i00 Type: integer

min: 0 max: 7

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

Command Modes

- /exec/configure

logging level urib

[no] **logging level urib** *level*

Syntax Description

no 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 Type: uinteger

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level vdc_mgr

[no] logging level vdc_mgr *i0*

Syntax Description	'no' Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	vdc_mgr Set level for vdc_mgr syslog messages
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level virtual-service

[no] logging level virtual-service *i0*

Syntax Description

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

Command Modes

- /exec/configure

logging level vlan_mgr

logging level vlan_mgr *i0*|**no logging level vlan_mgr** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

vlan_mgr Set level for VLAN syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level vmm

[no] logging level vmm *i0*

Syntax Description

no 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

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level vntag

[no] logging level vntag *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

vntag Set level for vntag syslog messages

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging level vpc

[no] logging level vpc *i0*

Syntax Description

no 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 Type: integer-range

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

Command Modes

• /exec/configure

logging level vshd

[no] logging level vshd *i0*

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	level Facility parameter for syslog messages
	vshd Set logging level for vshd
	<i>i0</i> Type: integer-range 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging level vtp

[no] logging level vtp *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

vtp Set level for vtp syslog messages

i0 Type: integer-range

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

Command Modes

• /exec/configure

logging level xbar

[no] logging level xbar *i0*

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

level Facility parameter for syslog messages

xbar xbar syslog level

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging logfile

logging logfile *s0 i0* [**size** *iI*]|**no logging logfile** [*s0 i0* [**size** *iI*]]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

logfile Set File logging

s0 Type: string
Enter the logfile name

i0 Type: integer
min: 0 max: 7
0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

size Set logfile size

iI Type: integer
min: 4096 max: 4194304
Enter the logfile size in bytes

Command Modes

• /exec/configure

logging max_filesize

`logging max_filesize i0`

Syntax Description	logging Exec logging commands
	max_filesize Increase default debug logfile size
	i0 Type: integer
Command Modes	• /exec

logging max_messages

logging max_messages *i0*

Syntax Description

logging Exec logging commands

max_messages Increase maximum syslogd message buffer size

i0 Type: integer

Command Modes

• /exec

logging message interface type ethernet

logging message interface type ethernet *info*|no logging message interface type ethernet *info*

Syntax Description	no	Negate a command or set its defaults
	logging	Configure logging for interface
	message	Interface events
	interface	Interface level events
	type	Interface type
	ethernet	Ethernet interfaces
	<i>info</i>	Field Names to be added to interface syslog
Command Modes	description value: 0x1	Add interface description to interface syslogs
		• /exec/configure

logging module

[no] **logging module** [*i0*]

Syntax Description

no Negate a command or set its defaults

logging Modify message logging facilities

module Set module(linecard) logging

i0 Type: integer

min: 0 max: 7

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

Command Modes

• /exec/configure

logging monitor

[no] logging monitor [*i0*]

Syntax Description	no Negate a command or set its defaults
	logging Modify message logging facilities
	monitor Set terminal line(monitor) logging level
	<i>i0</i> Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
Command Modes	• /exec/configure

logging reconcile

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

Syntax Description

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

Command Modes

- /exec/configure

logging server

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

Syntax	Description
no	Negate a command or set its defaults
logging	Modify message logging facilities
server	Enable forwarding to Remote Syslog Server
<i>host0</i>	Type: nameorip Hostname/IPv4/IPv6 address of the Remote Syslog Server
<i>i1</i>	Type: integer min: 0 max: 7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
use-vrf	Display per-VRF information
<i>vrf-name</i>	Type: vrf pattern: [-a-zA-Z0-9_.;\$#@]* antipattern: vrf detail interface definition context forwarding member all l2-vrf topology passive length: 32 VRF name
<i>vrf-known-name</i>	Type: vrf Known VRF name
facility	Facility to use when forwarding to server
auth	Use auth facility
authpriv	Use authpriv facility
cron	Use Cron/at facility
daemon	Use daemon facility
ftp	Use file transfer system facility
kernel	Use kernel facility
local0	Use local0 facility
local1	Use local1 facility

local2	Use local2 facility
local3	Use local3 facility
local4	Use local4 facility
local5	Use local5 facility
local6	Use local6 facility
local7	Use local7 facility
lpr	Use lpr facility
mail	Use mail facility
news	Use USENET news facility
syslog	Use syslog facility
user	Use user facility
uucp	Use Unix-to-Unix copy system facility

Command Modes

- /exec/configure

logging source-interface

logging source-interface *ifName*|**no logging source-interface**

Syntax Description

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

Command Modes

- /exec/configure

logging timestamp

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

Syntax Description

no 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 Modes

- /exec/configure

logit

logit *log*

Command Modes

• /exec

logout-warning

logout-warning *i0*|**no** **logout-warning** [*i0*]

Syntax	Description
no	Negate a command or set its defaults
logout-warning	Configure logout warning
<i>i0</i>	Type: integer min: 0 max: 60 default: 20 Enter logout warning time in seconds
Command Modes	• /exec/configure/line

low-memory exempt

[{no|default}] **low-memory exempt**

Syntax Description

no Negate a command or set its defaults

default Inherit values from a peer template

Command Modes

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

Ishow

Ishow

Syntax Description	show local show: displays config of current interface
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Command Modes	• /exec/configure/if-igp
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lsp-gen-interval

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

Syntax	Description
no	Negate a command or set its defaults
lsp-gen-interval	Configure LSP generation interval
<i>level</i>	IS-IS level
level-1 value: 1	Configure LSP generation level-1 interval
level-2 value: 2	Configure LSP generation level-2 interval
<i>max-wait</i>	Type: uinteger min: 50 max: 120000 default: 8000 Maximum wait between trigger and LSP generation (milli-secs)
<i>initial-wait</i>	Type: uinteger min: 50 max: 120000 default: 50 Initial wait between trigger and LSP generation (milli-secs)
<i>second-wait</i>	Type: uinteger min: 50 max: 120000 default: 50 Second wait used in LSP generation (milli-secs) during backoff

Command Modes • /exec/configure/router-isis/router-isis-vrf-common

Isp-mtu

Isp-mtu *mtu*|**no Isp-mtu** [*mtu*]

Syntax Description

no Negate a command or set its defaults

Isp-mtu Set LSP MTU

mtu Type: integer

min: 128 max: 4352 default: 1492

Maximum LSP size in bytes

Command Modes

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