



E Commands

- [eapol mac-address](#), on page 5
- [ebgp-multihop](#), on page 6
- [echo](#), on page 7
- [ecp max-retries](#), on page 8
- [ecp mode lan](#), on page 9
- [ecp retransmission-timer-exponent](#), on page 10
- [eem test](#), on page 11
- [eemtest policy-add](#), on page 12
- [eemtest policy-remove](#), on page 13
- [egress-engineering](#), on page 14
- [egress-host](#), on page 15
- [egress-host](#), on page 16
- [egress-interface](#), on page 17
- [egress-interface](#), on page 18
- [egress](#), on page 19
- [eid-prefix](#), on page 20
- [elevation threshold](#), on page 21
- [email-addr](#), on page 22
- [email-contact](#), on page 23
- [email](#), on page 24
- [email](#), on page 25
- [enable](#), on page 26
- [enable Cert](#), on page 27
- [encapsulation-type](#), on page 28
- [encapsulation](#), on page 29
- [encapsulation dot1q](#), on page 30
- [encapsulation dot1q](#), on page 31
- [encapsulation dot1q provider-vlan](#), on page 32
- [encapsulation mpls](#), on page 33
- [encapsulation mpls](#), on page 34
- [encapsulation mpls source ipv4](#), on page 35
- [encrypt pause-frame](#), on page 36
- [encryption decrypt type6](#), on page 37

- encryption delete type6, on page 38
- encryption disable ipsec spi esp 3des aes 128 authentication sha1, on page 39
- encryption ipsec spi esp 3des aes 128 authentication sha1, on page 40
- encryption re-encrypt obfuscated, on page 41
- end, on page 42
- enforce-first-as, on page 43
- enhanced-error, on page 44
- enrollment terminal, on page 45
- epbr infra vlans, on page 46
- epbr ip policy, on page 47
- epbr ipv6 policy, on page 48
- epbr l2 policy egress-interface, on page 49
- epbr policy, on page 50
- epbr policy, on page 51
- epbr service, on page 52
- epbr service, on page 53
- epbr session, on page 54
- epbr session access-list refresh, on page 55
- errdisable, on page 56
- errdisable detect cause, on page 58
- errdisable detect cause acl-exception, on page 59
- errdisable port detect cause acl-exception, on page 60
- errdisable recovery interval, on page 61
- erspan-id, on page 62
- erspan session-id all, on page 63
- esi, on page 64
- esi system-mac, on page 65
- ethanalyzer, on page 66
- ethanalyzer local, on page 67
- ethernet-segment delay-restore time, on page 68
- ethernet-segment vpc, on page 69
- ethernet-tag encapsulation dot1q default static, on page 70
- ethernet-tag encapsulation dot1q static, on page 71
- ethernet-tag encapsulation vni default static, on page 72
- ethernet-tag encapsulation vni static, on page 73
- evb mac, on page 74
- evb reinit-keep-alive, on page 75
- evb resource-wait-delay, on page 76
- event, on page 77
- event, on page 78
- event, on page 79
- event, on page 80
- event cli match, on page 81
- event counter name entry-val entry-op, on page 82
- event fanabsent time, on page 83
- event fanbad time, on page 84

- event fcns entries max-per-switch, on page 85
- event flogi intf-max, on page 86
- event flogi switch-max, on page 87
- event gold module test testing-type scheduled consecutive-failure, on page 88
- event manager applet, on page 89
- event manager clear counter, on page 90
- event manager clear history events, on page 91
- event manager environment, on page 92
- event manager policy, on page 93
- event manager run, on page 94
- event memory, on page 95
- event module-failure type module count, on page 96
- event module status module1, on page 97
- event neighbor-discovery, on page 98
- event none, on page 99
- event oir fan, on page 100
- event oir module, on page 101
- event oir powersupply, on page 102
- event policy-default count, on page 103
- event poweroverbudget, on page 104
- event snmp oid get-type exact entry-op entry-val poll-interval, on page 105
- event storm-control, on page 107
- event syslog pattern, on page 108
- event sysmgr memory major minor clear, on page 109
- event sysmgr switchover count time, on page 110
- event temperature threshold, on page 111
- event test match, on page 112
- event timer, on page 113
- event track state, on page 114
- event zone dbsize max-per-vsan, on page 115
- event zone zonemembers max-per-switch, on page 116
- event zone zones max-per-switch, on page 117
- event zone zonesets max-per-switch, on page 118
- events transport udp, on page 119
- events transport udp, on page 120
- evi, on page 121
- evi, on page 122
- evi auto, on page 123
- evpn, on page 124
- evpn esi multihoming, on page 125
- evpn multihoming core-tracking, on page 126
- evpn multisite border-gateway, on page 127
- evpn multisite dci-tracking, on page 128
- evpn multisite fabric-tracking, on page 129
- evpn storm-control level, on page 130
- exclude-any, on page 131

- [exclude-any](#), on page 132
- [exclude access-list](#), on page 133
- [exec-timeout](#), on page 134
- [exec-timeout](#), on page 135
- [exit](#), on page 136
- [exit](#), on page 137
- [explicit-null](#), on page 138
- [explicit segment-list](#), on page 139
- [explicit segment-list](#), on page 140
- [export-gateway-ip](#), on page 141
- [export map](#), on page 142
- [export vrf allow-vpn](#), on page 143
- [export vrf default map](#), on page 144
- [exporter-bucket-id](#), on page 145
- [exporter-bucket-id](#), on page 146
- [exporter-id](#), on page 147
- [exporter-id](#), on page 148
- [exporter-id](#), on page 149
- [exporter](#), on page 150
- [exporter](#), on page 151
- [exporter](#), on page 152
- [exporter](#), on page 153
- [exporter](#), on page 154
- [exporter](#), on page 155
- [exporter](#), on page 156
- [extension-header](#), on page 157

eapol mac-address

[no] eapol mac-address { <mac_addr> | broadcast-address } [ethertype <eth_type>]

Syntax Description

eapol	specify mac address and ether type for eapol packets
mac-address	mac address
<i>mac_addr</i>	mac address destination specified as a string
broadcast-address	broadcast address
ethertype	(Optional) ether type
<i>eth_type</i>	(Optional) ether type specified as string

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-ethernet-p2p /exec/configure/if-eth-base

ebgp-multihop

ebgp-multihop <ebgp-ttl> | { no | default } ebgp-multihop [<ebgp-ttl>]

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
ebgp-multihop	Specify multihop TTL for remote peer
<i>ebgp-ttl</i>	EBGP TTL value

Command Mode

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

echo

```
echo [ -e ] [ <line> ]
```

Syntax Description

echo	echo argument back to screen (useful for scripts)
-e	(Optional) enable interpretation of the backslash-escaped characters
<i>line</i>	(Optional) the string to echo (use quotes if string contains spaces)

Command Mode

- /exec

ecp max-retries

ecp max-retries <cnt> | no ecp max-retries [<cnt>]

Syntax Description

no	Negate a command or set its defaults
ecp	ECP (Edge Control Protocol)
max-retries	Maximal number of retransmissions
<i>cnt</i>	Numer of retries. default 3

Command Mode

- /exec/configure

ecp mode lan

[no] ecp mode lan

Syntax Description

no	(Optional) Negate a command or set its defaults
ecp	ECP (Edge Control Protocol)
mode	ECP session mode
lan	Enable ECP LAN mode

Command Mode

- /exec/configure

ecp retransmission-timer-exponent

ecp retransmission-timer-exponent <exp> | no ecp retransmission-timer-exponent [<exp>]

Syntax Description

no	Negate a command or set its defaults
ecp	ECP (Edge Control Protocol)
retransmission-timer-exponent	Retransmission timer exponent
<i>exp</i>	Timer exponent. default: 14 (ex. 10 exp ~ 10 ms)

Command Mode

- /exec/configure

eem test

eem test <param>

Syntax Description

eem	Event Manager command
test	Do test action
<i>param</i>	Test action parameter (dummy value)

Command Mode

- /exec

eemtest policy-add

eemtest policy-add <name> [override <override-name>]

Syntax Description

eemtest	EEM test commands
policy-add	Add a client policy
<i>name</i>	Name of policy (cannot have underscore in first two characters)
override	(Optional) Override a system policy
<i>override-name</i>	(Optional) Name of the system policy to override - should begin with double underscore

Command Mode

- /exec

eemtest policy-remove

eemtest policy-remove <name> [override <override-name>]

Syntax Description

eemtest	EEM test commands
policy-remove	Remove a client policy
<i>name</i>	Name of policy (cannot have underscore in first two characters)
override	(Optional) Override a system policy
<i>override-name</i>	(Optional) Name of the system policy to override - should begin with double underscore

Command Mode

- /exec

egress-engineering

[no | default] egress-engineering [peer-set <peer-set-name>]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
egress-engineering	Configure Egress Peer Engineering (EPE) for peer
peer-set	(Optional) Configure EPE Peer-Set
<i>peer-set-name</i>	(Optional) EPE Peer-Set name

Command Mode

- /exec/configure/router-bgp/router-bgp-template-neighbor
/exec/configure/router-bgp/router-bgp-neighbor-stmp /exec/configure/router-bgp/router-bgp-neighbor
/exec/configure/router-bgp/router-bgp-prefixneighbor

egress-host

[no] egress-host <hostip>

Syntax Description

no	(Optional) Negate a command or set its defaults
<i>hostip</i>	IP Address of host

Command Mode

- /exec/configure/nbm-vrf/nbm-flow-def

egress-host

[no] egress-host <hostip>

Syntax Description

no	(Optional) Negate a command or set its defaults
<i>hostip</i>	IP Address of host

Command Mode

- /exec/configure/nbm-flow-def

egress-interface

[no] egress-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
<i>interface</i>	Physical or Logical interface

Command Mode

- /exec/configure/nbm-flow-def

egress-interface

[no] egress-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
<i>interface</i>	Physical or Logical interface

Command Mode

- /exec/configure/nbm-vrf/nbm-flow-def

egress

{ egress <eid> | no egress }

Syntax Description

no	Negate a command or set its defaults
egress	Outgoing egress Interface
<i>eid</i>	Outgoing egress Interface identifier

Command Mode

- /exec/configure/configngoamconnectcheck

eid-prefix

```
{ [ no ] eid-prefix { <eid-prefix> | <eid-prefix6> } [ instance-id <iid> ] [ route-tag <tag> ] [
accept-more-specifics ] }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
eid-prefix	EID-prefix for LISP site
<i>eid-prefix</i>	IP EID-prefix of the site
instance-id	(Optional) Configures instance-ID for site's EID-prefix
<i>iid</i>	(Optional) 24-bit instance-ID value
route-tag	(Optional) Route tag for LISP EID-prefix routes
<i>tag</i>	(Optional) 32-bit value for tag
accept-more-specifics	(Optional) Allow more-specifics of site EID-prefix to register

Command Mode

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

elevation threshold

[no] elevation threshold <thres>

Syntax Description

no	(Optional) Negate a command or set its defaults
elevation	Elevation threshold configuration
threshold	Elevation threshold configuration
<i>thres</i>	Elevation threshold value, in degrees

Command Mode

- /exec/configure/gnss-if

email-addr

[no] email-addr <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
email-addr	Add email addr to send output of jobs configured for this schedule
s0	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/schedule

email-contact

{ email-contact <s0> | no email-contact }

Syntax Description

no	Negate a command or set its defaults
email-contact	email address of the contact person
s0	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/callhome

email

[no] email

Syntax Description

no	(Optional) Negate a command or set its defaults
email	Configure pipe email

Command Mode

- /exec/configure

email

```
| email [ -f <fromemail> | -r <replytoemail> | -S <smtphost> | -P <smtpport> | -s <subject> | -c
<vrf-known-name> ] + <toemail>
```

Syntax Description

	Pipe command output to filter
email	Email command output
-f	(Optional) From address
<i>fromemail</i>	(Optional) Email address
-r	(Optional) Reply to address
<i>replytoemail</i>	(Optional) Email address
-S	(Optional) SMTP host
<i>smtphost</i>	(Optional) IPV4/IPV6 address or DNS name
-P	(Optional) SMTP port
<i>smtpport</i>	(Optional) SMTP port number
-s	(Optional) Subject
<i>subject</i>	(Optional) Email subject
-c	(Optional) VRF
<i>vrf-known-name</i>	(Optional) VRF name
<i>toemail</i>	Recipient email address

Command Mode

- /output

enable

[no] enable

Syntax Description

no	(Optional) Negate a command or set its defaults
enable	enable callhome

Command Mode

- /exec/configure/callhome

enable Cert

[no] enable { Cert-DN-match | user-server-group }

Syntax Description

no	(Optional) Negate a command or set its defaults
enable	Enable
user-server-group	Enable/Disable group validation
Cert-DN-match	Enable/Disable Cert-DN matching

Command Mode

- /exec/configure/ldap

encapsulation-type

encapsulation-type <encaptype>

Syntax Description

encapsulation-type	Encapsulation type
<i>encaptype</i>	Encapsulation type options

Command Mode

- /exec/configure/tunenc-policy

encapsulation

[no] encapsulation

Syntax Description

no	(Optional) Negate a command or set its defaults
encapsulation	Parameters related to SRv6 encapsulation

Command Mode

- /exec/configure/sr/srv6

encapsulation dot1q

encapsulation dot1q <vlan_id> | no encapsulation dot1q [<vlan_id>]

Syntax Description

no	Negate a command or set its defaults
encapsulation	Set encapsulation type for an interface
dot1q	IEEE 802.1Q Virtual LAN
<i>vlan_id</i>	IEEE 802.1Q VLAN ID required

Command Mode

- /exec/configure/if-ether-sub /exec/configure/if-port-channel-sub /exec/configure/if-ether-sub-p2p

encapsulation dot1q

encapsulation dot1q <vlan_id> | no encapsulation dot1q [<vlan_id>]

Syntax Description

no	Negate a command or set its defaults
encapsulation	Set encapsulation type for an interface
dot1q	IEEE 802.1Q Virtual LAN
<i>vlan_id</i>	IEEE 802.1Q VLAN ID required

Command Mode

- /exec/configure/if-remote-ethernet-sub

encapsulation dot1q provider-vlan

encapsulation dot1q <c_vlan_id> provider-vlan <s_vlan_id> | no encapsulation dot1q [<c_vlan_id> [provider-vlan <s_vlan_id>]]

Syntax Description

no	Negate a command or set its defaults
encapsulation	Set encapsulation type for an interface
dot1q	IEEE 802.1Q Virtual LAN (customer)
<i>c_vlan_id</i>	IEEE 802.1Q VLAN ID required
provider-vlan	IEEE 802.1Q Virtual LAN (service)
<i>s_vlan_id</i>	IEEE 802.1Q VLAN ID required

Command Mode

- /exec/configure/if-ether-sub-switch /exec/configure/if-port-channel-sub-switch

encapsulation mpls

[no | default] encapsulation mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
encapsulation	Configure encapsulation type for EVPN routes
mpls	Mpls encapsulation

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn

encapsulation mpls

[no] encapsulation mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
encapsulation	Encapsulation type for the overlay
mpls	Segment routing

Command Mode

- /exec/configure/evpn

encapsulation mpls source ipv4

[no] encapsulation mpls source ipv4 <ip-address>

Syntax Description

no	(Optional) Negate a command or set its defaults
encapsulation	Configure encapsulation type
mpls	Configure paramters for mpls encapsulation
source	Configure source address for mpls encapsulation
ipv4	Configure ipv4 source address
<i>ip-address</i>	Source address

Command Mode

- /exec/configure/sr/te

encrypt pause-frame

[no] encrypt pause-frame

Syntax Description

encrypt	Enable/disable encryption for specific type of frames
pause-frame	Ethernet PAUSE frames

Command Mode

- /exec/configure/cts-dot1x /exec/configure/cts-manual

encryption decrypt type6

encryption decrypt type6

Syntax Description

encryption	Strong encryption for credential(s)
decrypt	Decrypts strongly encrypted secret(s) to obfuscated type(s)
type6	type6 secrets present in system

Command Mode

- /exec

encryption delete type6

encryption delete type6 [<uuid> | <name>]

Syntax Description

encryption	Strong encryption for credential(s)
delete	Deletes strongly encrypted secret(s)
type6	type6 secrets present in system
<i>uuid</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>name</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

encryption disable ipsec spi esp 3des aes 128 authentication sha1

```
{ [ no ] encryption { disable | ipsec spi <spi_id> esp { 3des <ekey> | aes { 128 <ekey> } } authentication { sha1 <akey> | null } } } | { [ no ] encryption { disable | ipsec spi <spi_id> esp null authentication { sha1 <akey> } } } | { no encryption ipsec spi <spi_id> }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
encryption	Enable Encryption
disable	Disable Encryption
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
esp	Specify encryption parameters
3des	Use the triple DES algorithm
<i>ekey</i>	Encryption Key
aes	Use the AES algorithm
128	Use the 128-bit AES algorithm
<i>ekey</i>	Encryption Key
authentication	Specify authentication parameters
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key
null	Use NULL authentication

Command Mode

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

encryption ipsec spi esp 3des aes 128 authentication sha1

```
{ [ no ] encryption ipsec spi <spi_id> esp { 3des <ekey> | aes { 128 <ekey> } } authentication { sha1 <akey>
| null } } | { [ no ] encryption ipsec spi <spi_id> esp null authentication { sha1 <akey> } } | { no encryption
ipsec spi <spi_id> }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
encryption	Enable Encryption on all Interfaces
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
esp	Specify encryption parameters
3des	Use the triple DES algorithm
<i>ekey</i>	Encryption Key
aes	Use the AES algorithm
128	Use the 128-bit AES algorithm
<i>ekey</i>	Encryption Key
authentication	Specify authentication parameters
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key
null	Use NULL authentication

Command Mode

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

encryption re-encrypt obfuscated

encryption re-encrypt obfuscated

Syntax Description

encryption	Strong encryption for credential(s)
re-encrypt	Re-encrypts weekly encrypted secret(s) to strongly encrypted secret(s)
obfuscated	type-3/type-7/clear-text secrets present in system

Command Mode

- /exec

end

end

Syntax Description

end	Go to exec mode
-----	-----------------

Command Mode

- /global

enforce-first-as

[no] enforce-first-as

Syntax Description

no	(Optional) Negate a command or set its defaults
enforce-first-as	Enforce neighbor AS is the first AS in AS-PATH attribute (EBGP)

Command Mode

- /exec/configure/router-bgp

enhanced-error

[no] enhanced-error

Syntax Description

no	(Optional) Negate a command or set its defaults
enhanced-error	Enable BGP Enhanced error handling

Command Mode

- /exec/configure/router-bgp

enrollment terminal

[no] enrollment terminal

Syntax Description

no	(Optional) Negate a command or set its defaults
enrollment	Configure trustpoint enrollment
terminal	Configure trustpoint enrollment via console

Command Mode

- /exec/configure/trustpoint

epbr infra vlans

[no] epbr infra vlans <vlan-range>

Syntax Description

no	(Optional) Negate a command or set its defaults
epbr	EPBR service
infra	infra-vlans
vlans	infra-vlans
<i>vlan-range</i>	range of vlans

Command Mode

- /exec/configure

epbr ip policy

```
{ epbr ip policy <policy-name> } [ reverse ] | { no epbr ip policy <policy-name> [ reverse ] }
```

Syntax Description

no	Negate a command or set its defaults
epbr	Enable EPBR chaining on interface
ip	Configure IP features
policy	EPBR policy name
<i>policy-name</i>	Policy name
reverse	(Optional) Apply the policy in the reverse direction.

Command Mode

- /exec/configure/if-igp

epbr ipv6 policy

```
{ epbr ipv6 policy <policy-name> } [ reverse ] | { no epbr ipv6 policy <policy-name> [ reverse ] }
```

Syntax Description

no	Negate a command or set its defaults
epbr	Enable EPBR chaining on interface
ipv6	Configure IPv6 features
policy	EPBR policy name
<i>policy-name</i>	Policy name
reverse	(Optional) Apply the policy in reverse direction.

Command Mode

- /exec/configure/if-igp

epbr l2 policy egress-interface

```
{ epbr l2 policy <policy-name> egress-interface <egress-intf-name> } [ reverse ] | { no epbr l2 policy
<policy-name> egress-interface <egress-intf-name> [ reverse ] }
```

Syntax Description

no	Negate a command or set its defaults
epbr	Enable EPBR chaining on interface
l2	Configure L2 features
policy	EPBR policy name
<i>policy-name</i>	Policy name
egress-interface	egress interface
<i>egress-intf-name</i>	Interface
reverse	(Optional) Apply the policy in reverse direction.

Command Mode

- /exec/configure/if-set-acl-l2

epbr policy

[no] epbr policy <policy-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
epbr	EPBR policy
policy	EPBR policy
<i>policy-name</i>	EPBR policy-name

Command Mode

- /exec/configure

epbr policy

[no] epbr policy <policy-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
epbr	EPBR policy
policy	EPBR policy
<i>policy-name</i>	EPBR policy-name

Command Mode

- /exec/configure/epbr-sess

epbr service

[no] epbr service <service-name> [type <svc-type>]

Syntax Description

no	(Optional) Negate a command or set its defaults
epbr	EPBR service
service	EPBR service
<i>service-name</i>	EPBR service-name
type	(Optional) Type of EPBR service
<i>svc-type</i>	(Optional) I3/I2 service

Command Mode

- /exec/configure

epbr service

[no] epbr service <service-name> [type <svc-type>]

Syntax Description

no	(Optional) Negate a command or set its defaults
epbr	EPBR service
service	EPBR service
<i>service-name</i>	EPBR service-name
type	(Optional) Type of EPBR service
<i>svc-type</i>	(Optional) I3/I2 service

Command Mode

- /exec/configure/epbr-sess

epbr session

epbr session

Syntax Description

epbr	EPBR service
session	EPBR session

Command Mode

- /exec/configure

epbr session access-list refresh

epbr session access-list <acl-name> refresh

Syntax Description

epbr	EPBR service
session	EPBR session
access-list	EPBR include access-list
<i>acl-name</i>	acl-name
refresh	Refresh EPBR policies based on access-list changes

Command Mode

- /exec/configure

errdisable

```
errdisable { detect cause_detect { all_cause | link-flap_cause | loopback_cause } | recovery { cause_recovery
{ all_recovery | udld | loopback_recovery | bpduguard | security-violation | psecure-violation | link-flap-recovery
| storm-control | dcbx-no-ack | vpc-peerlink | failed-port-state | vlan-membership | pause-rate-limit } } } | no
errdisable { detect cause_detect { all_cause | link-flap_cause | loopback_cause } | recovery { cause_recovery
{ all_recovery | udld | loopback_recovery | bpduguard | security-violation | psecure-violation | link-flap-recovery
| storm-control | dcbx-no-ack | vpc-peerlink | failed-port-state | vlan-membership | pause-rate-limit } } }
```

Syntax Description

no	Negate a command or set its defaults
errdisable	Error disable
detect	Error disable detection
cause_detect	Enable error disable detection for application
all_cause	Enable error detection on all cases
link-flap_cause	Enable error disable detection on linkstate-flapping
loopback_cause	Enable error disable detection on loopback detected by UDLD
recovery	Error disable recovery
cause_recovery	Enable error disable recovery for application
all_recovery	Enable timer to recover from all causes
udld	Enable timer to recover from udld error disabled state
loopback_recovery	Enable timer to recover from loopback error disabled state detected by UDLD
bpduguard	Enable timer to recover from BPDU Guard error disable state
security-violation	Enable timer to recover from 802.1x violation disable state
psecure-violation	Enable timer to recover from psecure violation disable state
link-flap-recovery	Enable timer to recover from linkstate flapping
storm-control	Enable timer to recover from storm control error disabled state
dcbx-no-ack	Enable timer to recover from no DCBX Acks
vpc-peerlink	Enable timer to recover from inconsistent vpc peer-link
failed-port-state	Enable timer to recover from stp set port state failure
vlan-membership	Enable timer to recover from vlan membership failure
pause-rate-limit	Enable timer to recover from pause rate limit error disabled state

Command Mode

- /exec/configure

errdisable detect cause

```
[no] errdisable detect cause { link-down [ num-times <i0> duration <i1> ] | trustsec-violation [ num-times
<i0> duration <i1> ] | bit-errors [ num-times <i0> duration <i1> ] | signal-loss [ num-times <i0> duration
<i1> ] | sync-loss [ num-times <i0> duration <i1> ] | link-reset [ num-times <i0> duration <i1> ] | credit-loss
[ num-times <i0> duration <i1> ] }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
errdisable	Error Disable the port
detect	Enter detect reason
cause	Enter port down cause
link-down	Detection of excessive link down events
trustsec-violation	Detection of excessive trustsec violation events
bit-errors	Detection of excessive bit error events
signal-loss	Detection of excessive signal loss events
sync-loss	Detection of excessive sync loss events
link-reset	Detection of excessive link reset events
credit-loss	Detection of excessive credit loss events
num-times	(Optional) Enter number of flaps
<i>i0</i>	(Optional) Enter number of flaps
duration	(Optional) Enter duration in seconds
<i>i1</i>	(Optional) Enter duration in seconds

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext

errdisable detect cause acl-exception

[no] errdisable detect cause acl-exception

Syntax Description

no	(Optional) Negate a command or set its defaults
----	---

Command Mode

- /exec/configure

errdisable port detect cause acl-exception

[no] errdisable port detect cause acl-exception

Syntax Description

no	(Optional) Negate a command or set its defaults
----	---

Command Mode

- /exec/configure/if-ethernet /exec/configure/if-ethernet-switch

errdisable recovery interval

errdisable recovery interval <val> | no errdisable recovery interval [<val>]

Syntax Description

no	Negate a command or set its defaults
errdisable	Error disable
recovery	Error disable recovery
interval	Error disable recovery timer value
<i>val</i>	timer-interval (sec)

Command Mode

- /exec/configure

erspan-id

[no] erspan-id <flow_id>

Syntax Description

no	(Optional) Negate a command or set its defaults
erspan-id	Ersparn ID for ERSPAN sessions
<i>flow_id</i>	erspan-id

Command Mode

- /exec/configure/monitor-erspan

erspan session-id all

[no] erspan session-id all

Syntax Description

no	(Optional) Negate a command or set its defaults
erspan	Encapsulation type ERSPAN related
session-id	ERSPAN session-id
all	All session-id

Command Mode

- /exec/configure/tunnel-profile

esi

[no] esi <esi> [tag <tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
esi	Type-0 ESI
<i>esi</i>	10 byte ESI with first byte as 00
tag	(Optional) tag
<i>tag</i>	(Optional) tag associated with ESI

Command Mode

- /exec/configure/if-eth-port-channel/ethernet-segment

esi system-mac

[no] esi system-mac <mac-addr> <local-identifier> [tag <tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
esi	Type-3 ESI
system-mac	Mac Address
<i>mac-addr</i>	specify system MAC address
<i>local-identifier</i>	local-discriminator
tag	(Optional) tag
<i>tag</i>	(Optional) tag associated with ESI

Command Mode

- /exec/configure/if-eth-port-channel/ethernet-segment

ethanalyzer

```
ethanalyzer { { background-session { restart | stop | config { filename <filename> | filesize <filesize> | numfiles
<numfiles> | session { enable | disable } } } } | { copy-background-snapshot } | {
copy-compressed-background-snapshot } }
```

Syntax Description

ethanalyzer	Configure cisco packet analyzer
background-session	Background packet analyzer sessions
restart	Create/restart background packet analyzer session
stop	Stop background packet analyzer session
config	Background packet analyzer session configuration file
filename	pcap filename
<i>filename</i>	pcap filename
filesize	Individual pcap file size
<i>filesize</i>	size in kilobytes
numfiles	Number of pcap files
<i>numfiles</i>	Number of files
session	Enable/disable background packet analyzer session configuration
enable	Enable background packet analyzer session configuration
disable	Disable background packet analyzer session configuration
copy-background-snapshot	Copy packet analyzer session captured frame to bootflash
copy-compressed-background-snapshot	Copy packet analyzer session captured compressed frame to bootflash

Command Mode

- /exec

ethalyzer local

[no] ethalyzer local [{ { {

Syntax Description

{	(Optional) inband
no	(Optional) Negate a command or set its defaults
ethalyzer	Configure cisco packet analyzer
local	start local capture of frames to Sup

Command Mode

- /exec

ethernet-segment delay-restore time

[no] ethernet-segment delay-restore time <sec>

Syntax Description

no	(Optional) Negate a command or set its defaults
ethernet-segment	ethernet-segment
delay-restore	delay-restore
time	time
<i>sec</i>	time in seconds

Command Mode

- /exec/configure/evpn-esi-mh

ethernet-segment vpc

[no] ethernet-segment vpc

Syntax Description

no	(Optional) Negate a command or set its defaults
ethernet-segment	Configure Ethernet-Segment
vpc	vpc

Command Mode

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

ethernet-tag encapsulation dot1q default static

```
{ ethernet-tag encapsulation dot1q default { static <profile-name> | dynamic } } | { no ethernet-tag encapsulation dot1q default }
```

Syntax Description

no	Negate a command or set its defaults
ethernet-tag	Data snooping triggers
encapsulation	Encapsulation/Trigger type
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
dot1q	Dot1Q Encapsulation
default	Default (wildcard). Match any dot1q when there is no specific dot1q mapping configured

Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

ethernet-tag encapsulation dot1q static

```
{ ethernet-tag encapsulation dot1q <vlan-id> { static <profile-name> | dynamic } } | { no ethernet-tag encapsulation dot1q <vlan-id> }
```

Syntax Description

no	Negate a command or set its defaults
ethernet-tag	Data snooping triggers
encapsulation	Encapsulation/Trigger type
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
dot1q	Dot1Q Encapsulation
<i>vlan-id</i>	

Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

ethernet-tag encapsulation vni default static

```
{ ethernet-tag encapsulation vni default { static <profile-name> | dynamic } } | { no ethernet-tag encapsulation vni default }
```

Syntax Description

no	Negate a command or set its defaults
ethernet-tag	Data snooping triggers
encapsulation	Encapsulation/Trigger type
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
vni	Virtual Network Identifier
default	Default (wildcard). Match any vni when there is no specific vni mapping configured

Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

ethernet-tag encapsulation vni static

```
{ ethernet-tag encapsulation vni <vni-id> { static <profile-name> | dynamic } } | { no ethernet-tag encapsulation vni <vni-id> }
```

Syntax Description

no	Negate a command or set its defaults
ethernet-tag	Data snooping triggers
encapsulation	Encapsulation/Trigger type
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
vni	Virtual Network Identifier
<i>vni-id</i>	

Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

evb mac

```
{ evb mac <mac-addr> } | { no evb mac [ <mac-addr> ] }
```

Syntax Description

no	Negate a command or set its defaults
evb	EVB (Edge Virtual Bridge)
mac	VDP multicast MAC address
<i>mac-addr</i>	MAC Address

Command Mode

- /exec/configure

evb reinit-keep-alive

```
{ evb reinit-keep-alive <exp> } | { no evb reinit-keep-alive [ <exp> ] }
```

Syntax Description

no	Negate a command or set its defaults
evb	EVB (Edge Virtual Bridge)
reinit-keep-alive	Keepalive
<i>exp</i>	Timer exponent. (Min 22 exp ~ 40 seconds)

Command Mode

- /exec/configure

evb resource-wait-delay

{ evb resource-wait-delay <exp> } | { no evb resource-wait-delay [<exp>] }

Syntax Description

no	Negate a command or set its defaults
evb	EVB (Edge Virtual Bridge)
resource-wait-delay	Resource wait delay
<i>exp</i>	Timer exponent. (Min 22 exp ~ 40 seconds)

Command Mode

- /exec/configure

event

[no] event <eventname>

Syntax Description

event	Specify FTE Event to use
<i>eventname</i>	Name of event

Command Mode

- /exec/configure/config-fte-monitor

event

[no] event <eventname>

Syntax Description

event	Specify Event to use
<i>eventname</i>	Name of event

Command Mode

- /exec/configure/analytics/system

event

[no] event

Syntax Description

no	Negate a command or set its defaults
event	Configure an event specification

Command Mode

- /exec/configure/event-manager-applet

event

[no] event <eventname>

Syntax Description

event	Specify Event to use
<i>eventname</i>	Name of event

Command Mode

- /exec/configure/nfm-system

event cli match

```
[no] event cli [ tag <tag_id> ] match <regex> [ count <countnum> [ time <interval> ] ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
cli	Create a cli event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
match	Enter cli regex to be used for matching
<i>regex</i>	CLI regex, use * to wildcard a token
count	(Optional) Enter an integer to be used as count
<i>countnum</i>	(Optional) Integer count
time	(Optional) Enter time interval within which the events need to happen
<i>interval</i>	(Optional) Time interval in seconds, 0 for indefinitely

Command Mode

- /exec/configure/event-manager-applet

event counter name entry-val entry-op

[no] event counter [tag <tag_id>] name <counter-name> entry-val <entry-val> entry-op <entry-op> [exit-val <exit-val> exit-op <exit-op>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
counter	Create a counter event
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
name	Enter the name of the counter
<i>counter-name</i>	Name of the counter
entry-val	Specify the counter entry conditions
<i>entry-val</i>	Specify the value for comparison with the counter value
entry-op	Specify the operator to be used for comparison
<i>entry-op</i>	Specify the comparison operator
exit-val	(Optional) Specify the counter exit conditions
<i>exit-val</i>	(Optional) Specify the value for comparison with the counter value
exit-op	(Optional) Specify the operator to be used for comparison
<i>exit-op</i>	(Optional) Specify the comparison operator

Command Mode

- /exec/configure/event-manager-applet

event fanabsent time

[no] event fanabsent [fan <fan-number>] time <time-interval>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
fanabsent	Create fanabsent event specification
fan	(Optional) Optional. Enter fan number (optional arg)
<i>fan-number</i>	(Optional) Enter fan-number
time	Enter time
<i>time-interval</i>	Time in seconds fan can stay absent

Command Mode

- /exec/configure/event-manager-applet

event fanbad time

[no] event fanbad [fan <fan-number>] time <time-interval>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
fanbad	Create fanbad event specification
fan	(Optional) Optional. Enter fan number (optional arg)
<i>fan-number</i>	(Optional) Enter fan-number
time	Enter time
<i>time-interval</i>	Time in seconds fan can stay bad

Command Mode

- /exec/configure/event-manager-applet

event fcns entries max-per-switch

[no] event fcns entries max-per-switch <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
fcns	FC Nameserver related event
entries	FC Nameserver Database entries
max-per-switch	Maximum Nameserver database count event
<i>i0</i>	Name Server DB Limit

Command Mode

- /exec/configure/event-manager-applet

event flogi intf-max

[no] event flogi intf-max <intf-flogi-max>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
flogi	Configuring events related to flogi
intf-max	Event to configure maximum flogi per interface
<i>intf-flogi-max</i>	Flogi limit per interface

Command Mode

- /exec/configure/event-manager-applet

event flogi switch-max

[no] event flogi switch-max <switch-flogi-max>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
flogi	Configuring events related to flogi
switch-max	Event to configure maximum flogi per switch
<i>switch-flogi-max</i>	Flogi limit per switch

Command Mode

- /exec/configure/event-manager-applet

event gold module test testing-type scheduled consecutive-failure

```
event gold module { <module> | all } test { <name> } [ severity { minor | moderate | major } ] testing-type {
scheduled | monitoring } consecutive-failure <cnt> | no event gold module { <module> | all } test { <name>
}
```

Syntax Description

no	Negate a command or set its defaults
event	Configure an event specification
gold	Create a 'Diagnostic' event specification
module	Module keyword
<i>module</i>	Module Number
all	Select all module ID
test	Diagnostic test selection
<i>name</i>	Test name
severity	(Optional) Severity of failure
minor	(Optional) Minor failure
moderate	(Optional) Moderate failure
major	(Optional) Major failure
testing-type	Type of Diagnostic test
scheduled	Scheduled Test
monitoring	Monitoring Test
consecutive-failure	Consecutive number of times failure has occurred
<i>cnt</i>	Failure count

Command Mode

- /exec/configure/event-manager-applet

event manager applet

[no] event manager applet <name> [module <module-id>] [override <override-name>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Event Manager commands
manager	Event Manager commands
applet	Create/Modify an Event Manager Policy
<i>name</i>	Name of policy (cannot have underscore in first two characters)
module	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>module-id</i>	(Optional)
override	(Optional) Override a system policy
<i>override-name</i>	(Optional) Name of the system policy to override - should begin with double underscore

Command Mode

- /exec/configure

event manager clear counter

event manager clear counter <counter-name>

Syntax Description

event	Event Manager commands
manager	Event Manager commands
clear	Clear event manager information
counter	Clear the value of a counter
<i>counter-name</i>	Name of the counter

Command Mode

- /exec

event manager clear history events

event manager clear history events

Syntax Description

event	Event Manager commands
manager	Event Manager commands
clear	Clear event manager information
history	Clear the stored/archived information
events	Clear all the stored/archived event history for this VDC

Command Mode

- /exec

event manager environment

event manager environment <varname> <varvalue> | no event manager environment <varname>

Syntax Description

no	Negate a command or set its defaults
event	Event Manager commands
manager	Event Manager commands
environment	Configure an environment variable
<i>varname</i>	Name of the environment variable
<i>varvalue</i>	Value of the environment variable

Command Mode

- /exec/configure

event manager policy

event manager policy <name>

Syntax Description

event	Event Manager commands
manager	Event Manager commands
policy	Register a script policy and activate it
<i>name</i>	Name of the script policy file

Command Mode

- /exec/configure

event manager run

```
event manager run <policy-name> [ <arg1> [ <arg2> [ <arg3> [ <arg4> [ <arg5> [ <arg6> [ <arg7> [ <arg8>
[ <arg9> [ <arg10> ]]]]]]]]]]]
```

Syntax Description

event	Event Manager commands
manager	Event Manager commands
run	Trigger/run an event manager policy manually
<i>policy-name</i>	Name of the policy to be triggered-cannot specify default system policy
<i>arg1</i>	(Optional) User specified data value 1
<i>arg2</i>	(Optional) User specified data value 2
<i>arg3</i>	(Optional) User specified data value 3
<i>arg4</i>	(Optional) User specified data value 4
<i>arg5</i>	(Optional) User specified data value 5
<i>arg6</i>	(Optional) User specified data value 6
<i>arg7</i>	(Optional) User specified data value 7
<i>arg8</i>	(Optional) User specified data value 8
<i>arg9</i>	(Optional) User specified data value 9
<i>arg10</i>	(Optional) User specified data value 10

Command Mode

- /exec

event memory

[no] event memory { minor | severe | critical }

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
memory	Create memory thresholds event specification
minor	Minor alert
severe	Severe alert
critical	Critical alert

Command Mode

- /exec/configure/event-manager-applet

event module-failure type module count

[no] event module-failure [tag <tag_id>] type <err-name> module { all | <module> } count <countnum> [time <interval>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
module-failure	Create a 'module-failure' event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
type	Enter an error type
<i>err-name</i>	
module	Enter a module number
all	All modules
<i>module</i>	Enter module number
count	Enter an integer to be used as count
<i>countnum</i>	Integer count
time	(Optional) Enter time interval within which the events need to happen
<i>interval</i>	(Optional) Time interval in seconds

Command Mode

- /exec/configure/event-manager-applet

event module status module1

```
[no] event module [ tag <tag_id> ] status { online | offline | any } module1 { all | <module> }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
module	Create a 'module' event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
status	Status event
online	Online status
offline	Offline status
any	Online or offline status
module1	Enter a module number
all	All modules
<i>module</i>	Enter module number

Command Mode

- /exec/configure/event-manager-applet

event neighbor-discovery

[no] event [tag <tag_id>] neighbor-discovery

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
neighbor-discovery	Show CDP new neighbors

Command Mode

- /exec/configure/event-manager-applet

event none

[no] event none [tag <tag_id>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
none	Manually run policy event with none
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name

Command Mode

- /exec/configure/event-manager-applet

event oir fan

[no] event oir [tag <tag_id>] fan { insert | remove | anyoir } [<fannum>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
oir	Create Online-Insertion-Removal event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
fan	Fan OIR
insert	OIR insert
remove	OIR remove
anyoir	any OIR (Either insert or remove)
<i>fannum</i>	(Optional) Optional. Enter Fan number.

Command Mode

- /exec/configure/event-manager-applet

event oir module

[no] event oir [tag <tag_id>] module { insert | remove | anyoir } [<module>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
oir	Create Online-Insertion-Removal event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
module	Module OIR
insert	OIR insert
remove	OIR remove
anyoir	any OIR (Either insert or remove)
<i>module</i>	(Optional) Optional. Enter module number

Command Mode

- /exec/configure/event-manager-applet

event oir powersupply

```
[no] event oir [ tag <tag_id> ] powersupply { insert | remove | anyoir } [ <powersupnum> ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
oir	Create Online-Insertion-Removal event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
powersupply	powersupply OIR
insert	OIR insert
remove	OIR remove
anyoir	any OIR (Either insert or remove)
<i>powersupnum</i>	(Optional) Optional. Enter powersupply number

Command Mode

- /exec/configure/event-manager-applet

event policy-default count

[no] event policy-default count <countnum> [time <interval>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
policy-default	Use the event in the system policy being overridden
count	Enter an integer to be used as count
<i>countnum</i>	Integer count
time	(Optional) Enter time interval within which the events need to happen
<i>interval</i>	(Optional) Time interval in seconds

Command Mode

- /exec/configure/event-manager-applet

event poweroverbudget

[no] event poweroverbudget

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
poweroverbudget	Create poweroverbudget event specification

Command Mode

- /exec/configure/event-manager-applet

event snmp oid get-type exact entry-op entry-val poll-interval

```
[no] event snmp [ tag <tag_id> ] oid <oid-val> get-type { exact | next } entry-op { ent_gt | ent_ge | ent_eq |
ent_ne | ent_lt | ent_le } entry-val <entry-val> [ { exit-comb { or | and } exit-op { ex_gt | ex_ge | ex_eq | ex_ne
| ex_lt | ex_le } exit-val <exit-val> exit-time <exit-time-val> } | { exit-op1 { ex_gt1 | ex_ge1 | ex_eq1 | ex_ne1
| ex_lt1 | ex_le1 } exit-val1 <exit-val1> } ] poll-interval <poll-int-val>
```

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
snmp	Create a 'snmp' event specification.
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
oid	oid of data element in dot notation.
<i>oid-val</i>	oid of data element in dot notation.
get-type	The type of SNMP get operation.
exact	exact
next	next
entry-op	entry comparison operator.
ent_gt	greater than
ent_ge	greater than or equal to
ent_eq	equal to
ent_ne	not equal to
ent_lt	less than
ent_le	less than or equal to
entry-val	value to compare with the current polled value
<i>entry-val</i>	value to compare with the current polled value
exit-comb	(Optional) exit criterion combination
or	(Optional) logical OR
and	(Optional) logical AND
exit-op	(Optional) exit comparison operator.

ex_gt	(Optional) greater than
ex_ge	(Optional) greater than or equal to
ex_eq	(Optional) equal to
ex_ne	(Optional) not equal to
ex_lt	(Optional) less than
ex_le	(Optional) less than or equal to
exit-val	(Optional) value to compare with the current polled value
<i>exit-val</i>	(Optional) value to compare with the current polled value
exit-op1	(Optional) exit comparison operator.
ex_gt1	(Optional) greater than
ex_ge1	(Optional) greater than or equal to
ex_eq1	(Optional) equal to
ex_ne1	(Optional) not equal to
ex_lt1	(Optional) less than
ex_le1	(Optional) less than or equal to
exit-val1	(Optional) value to compare with the current polled value
<i>exit-val1</i>	(Optional) value to compare with the current polled value
exit-time	(Optional) exit time
<i>exit-time-val</i>	(Optional) exit time in seconds
poll-interval	polling interval
<i>poll-int-val</i>	polling interval in seconds

Command Mode

- /exec/configure/event-manager-applet

event storm-control

[no] event storm-control

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
storm-control	Create a storm control event specification

Command Mode

- /exec/configure/event-manager-applet

event syslog pattern

[no] event syslog [tag <tag_id>] [occurs <num-occurrences>] [period <period-value>] [priority [<i0> | alerts | critical | debugging | emergencies | errors | informational | notifications | warnings]] pattern <regex>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
syslog	Create a syslog event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
occurs	(Optional) Enter an integer to be used for number of occurrences
<i>num-occurrences</i>	(Optional) Integer count
period	(Optional) Enter time interval within which the events need to happen
<i>period-value</i>	(Optional) Time interval in seconds, 0 for indefinitely
priority	(Optional) Priority of the log message
<i>i0</i>	(Optional) Enter priority of the log message
alerts	(Optional) Alert log message
critical	(Optional) Critical log message
debugging	(Optional) Debugging log message
emergencies	(Optional) Emergency log message
errors	(Optional) Error log message
informational	(Optional) Informational log message
notifications	(Optional) Notifications log message
warnings	(Optional) Warning log message
pattern	Enter regex to be used for matching
<i>regex</i>	SYSLOG regex

Command Mode

- /exec/configure/event-manager-applet

event sysmgr memory major minor clear

```
{ { event sysmgr memory [ module <module> ] major <i0> minor <i1> clear <i2> } | { no event sysmgr
memory [ [ module <module> ] major <i0> minor <i1> clear <i2> ] } }
```

Syntax Description

no	Negate a command or set its defaults
event	Configure an event specification
sysmgr	system manager related events
memory	memory alert event
module	(Optional) Optional. Enter module number
<i>module</i>	(Optional) Enter module-number
<i>module</i>	(Optional) <module>
major	set major memory threshold
<i>i0</i>	major memory threshold
minor	set minor memory threshold
<i>i1</i>	minor memory threshold
clear	set clear memory alert threshold
<i>i2</i>	clear memory threshold

Command Mode

- /exec/configure/event-manager-applet

event sysmgr switchover count time

```
{ { event sysmgr switchover count <countnum> time <interval> } | { no event sysmgr switchover [ count <countnum> time <interval> ] } }
```

Syntax Description

no	Negate a command or set its defaults
event	Configure an event specification
sysmgr	System manager related events
switchover	Switchover related event
count	Number of switchovers after which event should be triggered
<i>countnum</i>	Integer count
time	Enter time interval within which the events need to happen
<i>interval</i>	Time interval in seconds

Command Mode

- /exec/configure/event-manager-applet

event temperature threshold

[no] event temperature [module <module>] [sensor <sensornum>] threshold { major | minor | any }

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
temperature	Create temperature event specification
module	(Optional) Optional. Enter module number (optional arg)
<i>module</i>	(Optional) Enter module-number
sensor	(Optional) Optional. Enter sensor number (optional arg)
<i>sensornum</i>	(Optional) Enter sensor number
threshold	Enter Major or Minor threshold
major	Major threshold
minor	Minor threshold
any	Major or Minor

Command Mode

- /exec/configure/event-manager-applet

event test match

[no] event test [tag <tag_id>] match <num> [count <countnum>] [time <interval>]

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
test	Create a 'test' event specification
match	Enter an integer to be used for matching
<i>num</i>	Integer value
count	(Optional) Enter an integer to be used as count
<i>countnum</i>	(Optional) Integer count
<i>time</i>	(Optional) <interval>
<i>interval</i>	(Optional) Time interval in seconds

Command Mode

- /exec/configure/event-manager-applet

event timer

```
[no] event timer [ tag <tag_id> ] { watchdog wtime <watchdog-time> | absolute atime <absolute-time> |
countdown ctime <countdown-time> | cron cron-entry <cron-time> } [ name <timer_name> ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
timer	Create a timer event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
name	(Optional) name of the timer
<i>timer_name</i>	(Optional) Enter the timer name
watchdog	Watchdog timer event
wtime	Time period for watchdog
<i>watchdog-time</i>	<1-1924991999[.0-999]> Enter seconds[.milliseconds] value
absolute	Absolute timer event.
atime	epoch time for absolute. Try epochconverter online tool to get value
<i>absolute-time</i>	<1-1924991999[.0-999]> Enter seconds[.milliseconds] value
countdown	Countdown timer event
ctime	Time period for countdown
<i>countdown-time</i>	<1-1924991999[.0-999]> Enter seconds[.milliseconds] value
cron	Cron timer event
cron-entry	Cron entry string
<i>cron-time</i>	format: * * * * * => min hour dom month dow

Command Mode

- /exec/configure/event-manager-applet

event track state

```
event track [ tag <tag_id> ] <object-id> state { any | up | down } | no event track [ tag <tag_id> ] [ <object-id> ]
```

Syntax Description

no	Negate a command or set its defaults
event	Configure an event specification
track	Create a 'track' event specification
tag	(Optional) event tag identifier
<i>tag_id</i>	(Optional) tag name
<i>object-id</i>	Track objects
state	State of tracking object
any	Any state
down	Down state
up	Up state

Command Mode

- /exec/configure/event-manager-applet

event zone dbsize max-per-vsan

[no] event zone dbsize max-per-vsan <countnum>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
dbsize	Zone database size at which EEM event to be triggered
max-per-vsan	Configured value is maximum for the VSAN
<i>countnum</i>	Dbsize limit per vsan

Command Mode

- /exec/configure/event-manager-applet

event zone zonemembers max-per-switch

[no] event zone zonemembers max-per-switch <countnum>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
zonemembers	Zone member count at which EEM event to be triggered
max-per-switch	Configured value is maximum for the switch
<i>countnum</i>	Zone member limit per switch

Command Mode

- /exec/configure/event-manager-applet

event zone zones max-per-switch

[no] event zone zones max-per-switch <countnum>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
zones	Zone count at which EEM event to be triggered
max-per-switch	Configured value is maximum for the switch
<i>countnum</i>	Zone limit per switch

Command Mode

- /exec/configure/event-manager-applet

event zone zonesets max-per-switch

[no] event zone zonesets max-per-switch <countnum>

Syntax Description

no	(Optional) Negate a command or set its defaults
event	Configure an event specification
zonesets	Zoneset count at which EEM event to be triggered
max-per-switch	Configured value is maximum for the switch
<i>countnum</i>	Zoneset limit per switch

Command Mode

- /exec/configure/event-manager-applet

events transport udp

{ [no] events transport udp <portnumber> | no events transport udp }

Syntax Description

events	Destination Port for Events
transport	Transport Destination Port
udp	Destination UDP Port
<i>portnumber</i>	Destination UDP Port

Command Mode

- /exec/configure/analytics/exporter

events transport udp

```
{ [ no ] events transport udp <portnumber> | no events transport udp }
```

Syntax Description

events	Destination Port for Events
transport	Transport Destination Port
udp	Destination UDP Port
<i>portnumber</i>	Destination UDP Port

Command Mode

- /exec/configure/nfm-exporter

evi

[no] evi <evi_id>

Syntax Description

no	(Optional) Negate a command or set its defaults
evi	Configure Ethernet EVI ID
<i>evi_id</i>	Specify EVI ID

Command Mode

- /exec/configure/evpn

evi

{ evi <id> } | { no evi }

Syntax Description

no	Unconfigure evi identifier
evi	Configure evi identifier for creating auto RT
<i>id</i>	Specify evi identifier

Command Mode

- /exec/configure/vrf

evi auto

[no] evi { auto }

Syntax Description

no	(Optional) Negate a command or set its defaults
evi	Configure an EVI for this VLAN
auto	Automatically set EVI to the VLAN ID

Command Mode

- /exec/configure/vlan

evpn

[no] evpn

Syntax Description

no	(Optional) Negate a command or set its defaults
evpn	Enter EVPN configuration mode

Command Mode

- /exec/configure

evpn esi multihoming

[no] evpn esi multihoming

Syntax Description

no	(Optional) unconfigure the command
evpn	Enter EVPN configuration mode
esi	ESI based multihoming
multihoming	Multihoming feature

Command Mode

- /exec/configure/evpn-esi-multihoming

evpn multihoming core-tracking

[no] evpn multihoming core-tracking

Syntax Description

no	(Optional) Negate a command or set its defaults
evpn	Enter EVPN configuration mode
multihoming	VxLAN evpn multihoming
core-tracking	core interface tracking

Command Mode

- /exec/configure/if-port-channel /exec/configure/if-routing /exec/configure/if-vlan

evpn multisite border-gateway

evpn multisite border-gateway <site-id> | no evpn multisite border-gateway

Syntax Description

no	Unconfigure the command
evpn	Enter EVPN configuration mode
multisite	Multisite
border-gateway	Border-gateway
<i>site-id</i>	Multisite Site-Id

Command Mode

- /exec/configure

evpn multisite dci-tracking

[no] evpn multisite dci-tracking

Syntax Description

no	(Optional) Negate a command or set its defaults
evpn	Enter EVPN configuration mode
multisite	VxLAN evpn multisite
dci-tracking	dci interface tracking

Command Mode

- /exec/configure/if-port-channel /exec/configure/if-routing /exec/configure/if-vlan /exec/configure/if-ethernet /exec/configure/if-range

evpn multisite fabric-tracking

[no] evpn multisite fabric-tracking

Syntax Description

no	(Optional) Negate a command or set its defaults
evpn	Enter EVPN configuration mode
multisite	VxLAN evpn multisite
fabric-tracking	fabric interface tracking

Command Mode

- /exec/configure/if-port-channel /exec/configure/if-routing /exec/configure/if-vlan
/exec/configure/if-ethernet /exec/configure/if-range

evpn storm-control level

[no] evpn storm-control { broadcast | multicast | unicast } level <lev>

Syntax Description

no	(Optional) Negate a command or set its defaults
evpn	VxLAN evpn feature
storm-control	Storm-control
broadcast	Broadcast Packets
multicast	Multicast Packets
unicast	Unknown Unicast Packets
level	Traffic level
<i>lev</i>	Enter the storm suppression level

Command Mode

- /exec/configure

exclude-any

[no] exclude-any

Syntax Description

no	(Optional) Negate a command or set its defaults
exclude-any	Configure exclude-any Affinity Constraints

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/aff

exclude-any

[no] exclude-any

Syntax Description

no	(Optional) Negate a command or set its defaults
exclude-any	Configure exclude-any Affinity Constraints

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/aff

exclude access-list

[no] exclude access-list <acl-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
exclude	ACL to exclude from redirection
access-list	ITD access-list name
<i>acl-name</i>	ITD exclude ACL name

Command Mode

- /exec/configure/itd

exec-timeout

{ exec-timeout <i0> | no exec-timeout [<i0>] }

Syntax Description

no	Negate a command or set its defaults
exec-timeout	Configure exec timeout
<i>i0</i>	Enter timeout in minutes, 0 to disable

Command Mode

- /exec/configure/line

exec-timeout

{ exec-timeout <i0> | no exec-timeout [<i0>] }

Syntax Description

no	Negate a command or set its defaults
exec-timeout	Configure exec timeout
<i>i0</i>	Enter timeout in minutes, 0 to disable

Command Mode

- /exec/configure/console

exit

exit

Syntax Description

exit	Exit from command interpreter
------	-------------------------------

Command Mode

- /exec/configure/ip-sla /exec/configure/ip-sla/udp /exec/configure/ip-sla/jitter /exec/configure/ip-sla/tcp /exec/configure/ip-sla/icmpEcho /exec/configure/ip-sla/dns /exec/configure/ip-sla/fabricPathEcho /exec/configure/ip-sla/http

exit

exit

Syntax Description

exit	Exit from command interpreter
------	-------------------------------

Command Mode

- /global

explicit-null

explicit-null [for <px-list>] [to <peer-px-list>] | no explicit-null

Syntax Description

no	Negate a command or set its defaults
explicit-null	Advertise Explicit Null label in place of Implicit Null
for	(Optional) Prefix list specifying controls on destination prefixes
<i>px-list</i>	(Optional) Name of prefix list
to	(Optional) Access-list specifying controls on LDP peers
<i>peer-px-list</i>	(Optional) Name of prefix list

Command Mode

- /exec/configure/ldp

explicit segment-list

[no] explicit segment-list <seg-list-name> [weight <weight>]

Syntax Description

no	(Optional) Negate a command or set its defaults
explicit	Preconfigured path
segment-list	Explicit segment list configuration
<i>seg-list-name</i>	Identifying name of the segment-list with max 128 characters
weight	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>weight</i>	(Optional) Weight of segment list

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref

explicit segment-list

[no] explicit segment-list <seg-list-name> [weight <weight>]

Syntax Description

no	(Optional) Negate a command or set its defaults
explicit	Preconfigured path
segment-list	Explicit segment list configuration
<i>seg-list-name</i>	Identifying name of the segment-list with max 128 characters
weight	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>weight</i>	(Optional) Weight of segment list

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref

export-gateway-ip

[no] export-gateway-ip

Syntax Description

no	(Optional) Negate a command or set its defaults
export-gateway-ip	Export Gateway IP to Type-5 EVPN routes for VRF

Command Mode

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

export map

[no] export map <rmap-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
export	VRF export
map	Route-map based VRF export
<i>rmap-name</i>	Route-map name

Command Mode

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

export vrf allow-vpn

[no] export vrf allow-vpn

Syntax Description

no	(Optional) Negate a command or set its defaults
export	VRF export
vrf	Virtual Router Context
allow-vpn	Allow re-importation of VPN imported routes

Command Mode

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

export vrf default map

[no] export vrf default [<prefix-limit>] map <rmap-name> [allow-vpn]

Syntax Description

no	(Optional) Negate a command or set its defaults
export	VRF export
vrf	Virtual Router Context
default	VRF name (default)
<i>prefix-limit</i>	(Optional) Maximum prefix limit (Default value is 1000)
map	Route-map based VRF import
<i>rmap-name</i>	Route-map name
allow-vpn	(Optional) Allow re-importation of VPN imported routes

Command Mode

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

exporter-bucket-id

[no] exporter-bucket-id <eb-id> <hash-lo> <hash-hi>

Syntax Description

exporter-bucket-id	Exporter Bucket Id
<i>eb-id</i>	Collector Bucket Id
<i>hash-lo</i>	Collector Bucket Hash Low
<i>hash-hi</i>	Collector Bucket Hash High

Command Mode

- /exec/configure/analytics/monitor

exporter-bucket-id

[no] exporter-bucket-id <eb-id> <hash-lo> <hash-hi>

Syntax Description

exporter-bucket-id	Exporter Bucket Id
<i>eb-id</i>	Collector Bucket Id
<i>hash-lo</i>	Collector Bucket Hash Low
<i>hash-hi</i>	Collector Bucket Hash High

Command Mode

- /exec/configure/nfm-monitor

exporter-id

[no] exporter-id <exporter-id>

Syntax Description

exporter-id	Specify the base Exporter ID to be applied on the system
<i>exporter-id</i>	Base Exported ID to be applied

Command Mode

- /exec/configure/nfm-system

exporter-id

{ [no] exporter-id <id> }

Syntax Description

exporter-id	Specify details
<i>id</i>	exporter-id collector

Command Mode

- /exec/configure/config-fte-exporter

exporter-id

[no] exporter-id <exporter-id>

Syntax Description

exporter-id	Specify the base Exporter ID to be applied on the system
<i>exporter-id</i>	Base Exported ID to be applied

Command Mode

- /exec/configure/analytics/system

exporter

[no] exporter <exportername>

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter

Command Mode

- /exec/configure/config-postcard-monitor

exporter

[no] exporter <exportername>

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter

Command Mode

- /exec/configure/config-int-monitor

exporter

[no] exporter <exportername>

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter

Command Mode

- /exec/configure/config-fte-monitor

exporter

[no] exporter <exportername> [collector-bucket-id <cb-id>]

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter
collector-bucket-id	(Optional) Collector Bucket Id
<i>cb-id</i>	(Optional) Collector Bucket Id

Command Mode

- /exec/configure/nfm-monitor

exporter

[no] exporter <exportername>

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter

Command Mode

- /exec/configure/analytics/monitor-eb

exporter

[no] exporter <exportername>

Syntax Description

exporter	Exporter to be configured
<i>exportername</i>	Exporter to be configured

Command Mode

- /exec/configure/config-ssx-monitor

exporter

[no] exporter <exportername>

Syntax Description

exporter	Add an Exporter to use to export records
<i>exportername</i>	Name of exporter

Command Mode

- /exec/configure/nfm-monitor-eb

extension-header

[no] extension-header <hdr_op_type>

Syntax Description

no	(Optional) Negate a command or set its defaults
extension-header	extension header rule installation
<i>hdr_op_type</i>	extn_hdr_op_type

Command Mode

- /exec/configure/ipv6acl

