S Commands

sak-expiry-time

[no] sak-expiry-time <ts>

Syntax Description

sak-expiry-time	Time in seconds to force SAK rekey
ts	time in seconds

Command Mode

- /exec/configure/macsec-policy

sap hash-algorithm HMAC-SHA-1

{ [no] sap hash-algorithm HMAC-SHA-1 } | { sap hash-algorithm HMAC-MD5 }

Syntax Description

sap	Specify preferred SAP negotiation parameters
hash-algorithm	Hashing Algorithm to use during SAP protocol
HMAC-SHA-1	use HMAC-SHA-1 for hashing (default is HMAC-MD5)
HMAC-MD5	use HMAC-MD5 for hashing

Command Mode

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

sap modelist

[no] sap modelist <mode_opt>

Syntax Description

sap	Specify preferred SAP negotiation parameters
modelist	encryption mode
mode_opt	modelist options

Command Mode

- /exec/configure/cts-dot1x

sap pmk sap pmk use-dot1x

sap pmk <pmk> [left-zero-padded] [modelist <mode_opt>] | sap pmk use-dot1x [modelist <mode_opt>] | no sap

Syntax Description

sap	Specify preferred SAP negotiation parameters
pmk	pairwise master key
pmk	32 byte value specified as a string
left-zero-padded	(Optional) Pad with zeros on the left if PMK length is less than 32 bytes
modelist	(Optional) encryption mode
mode_opt	(Optional) modelist options
modelist	(Optional) <mode_opt>
use-dot1x	Use pmk generated after dot1x authentication. Use dot1x commands to configure dot1x on this port

Command Mode

- /exec/configure/cts-manual

save

save <uri0>

Syntax Description

save	Save the current configuration session to uri
uri0	Enter the complete uri where the session is to be stored

Command Mode

- /exec/configure

scale-factor module

[no] scale-factor <sf-value> module <module-number>

Syntax Description

no	(Optional) Negate a command or set its defaults
scale-factor	Scale factor
sf-value	Specify scale factor value from 0.10 to 2.00
module	Module
module-number	specify module number

Command Mode

- /exec/configure/ctrl-plane

scheduler aaa-authentication

{ scheduler aaa-authentication { password { 0 <s0> | 7 <s1> | <s2> } | username <s3> password { 01 <s4> | 71 <s5> | <s6> } } | no scheduler aaa-authentication { password [{ 0 <s0> | 7 <s1> | <s2> }] | username <s3> password [{ 01 <s4> | 71 <s5> | <s6> }] } }

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
aaa-authentication	Password for AAA authentication(of logged in user)
password	Specify the password of logged in user(for AAA authentication)
0	Password (clear text) of logged in user
s0	password (clear text) of logged in user
7	Encrypted password of logged in user
s1	Encrypted password (for AAA authentication)
s2	Password (clear text) of logged in user
username	logged in user name
s3	user name (for AAA authentication)
password	Specify the password of logged in user(for AAA authentication)
01	Password (clear text) of logged in user
s4	password (clear text) of logged in user
71	Encrypted password of logged in user
s5	Encrypted password (for AAA authentication)
s6	Password (clear text) of logged in user

Command Mode

- /exec/configure

scheduler enable

[no] scheduler enable

Syntax Description

no	(Optional) Negate a command or set its defaults
scheduler	Config commands for scheduler
enable	Command to enable/disable features

Command Mode

- /exec/configure

scheduler job name

[no] scheduler job name <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
scheduler	Config commands for scheduler
job	Define a job
name	Specify a name for the job
s0	Name of the job

Command Mode

- /exec/configure

scheduler logfile size

{ scheduler logfile size <i0> | no scheduler logfile size [<i0>] }

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
logfile	Scheduler log file configuration
size	Specify the log file size
i0	Size of the file in KB

Command Mode

- /exec/configure

scheduler schedule name

[no] scheduler schedule name <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
scheduler	Config commands for scheduler
schedule	Define a schedule
name	Specify a name for the schedule
s0	Name of the schedule

Command Mode

- /exec/configure

scheduler transport email

{ scheduler transport email { from <s0> | reply-to <s1> | smtp-server <host0> [port <i1>] } | no scheduler transport email { from | reply-to | smtp-server } }

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
transport	Configure transport related configuration
email	Configure email transport related configuration
from	Configure from email address
s0	Provide from email address, example: SJ-9500-1@xyz.com
reply-to	Configure replyto email address
s1	Provide reply-to email address, example: admin@xyz.com
smtp-server	Configure SMTP server address
host0	SMTP server(DNS name or IPv4 or IPv6 address)
port	(Optional) Configure SMTP server port (default:25)
i1	(Optional) SMTP server port

Command Mode

- /exec/configure

scp

scp [<recurse>] <from> [<hyphen>] <src-path>

Syntax Description

scp	Launch scp subsystem
recurse	(Optional) -r recurse
from	-f scp from
hyphen	(Optional) --
src-path	from URL

Command Mode

- /exec

scp

scp [<recurse>] [<directory>] [<verbose>] <to> [<hyphen>] <dst-path>

Syntax Description

scp	Launch scp subsystem
recurse	(Optional) -r recurse
directory	(Optional) -d directory
verbose	(Optional) -v verbose
to	-t scp to
hyphen	(Optional) --
dst-path	to URL

Command Mode

- /exec

scripting tcl init

scripting tcl init <uri0> | no scripting tcl init

Syntax Description

no	Negate a command or set its defaults
scripting	Configure scripting parameters
tcl	Specify scripting parameter for tcl
init	Specify init parameters
uri0	Tcl init script name

Command Mode

- /exec

scripting tcl recursion-limit

scripting tcl recursion-limit <limit> | no scripting tcl recursion-limit

Syntax Description

no	Negate a command or set its defaults
scripting	Configure scripting parameters
tcl	Specify scripting parameter for tcl
recursion-limit	Specify recursion-limit
limit	Specify limit

Command Mode

- /exec

search

search <failure_desc>

Syntax Description

search	Search for information
failure_desc	Brief problem description

Command Mode

- /exec

section

| section <pattern>

Syntax Description

|	Pipe command output to filter
section	show lines that include the pattern as well as the subsequent lines that are more indented than matching line
pattern	the pattern (regular expression) to match

Command Mode

- /output

secure-handoff

{ [no] secure-handoff }

Syntax Description

no	(Optional) Negate a command or set its defaults
secure-handoff	Confirm dynamic-eid discovery by probing for remote host

Command Mode

- /exec/configure/lisp-dynamic-eid /exec/configure/vrf/lisp-dynamic-eid

security-level

[no] security-level <seclvl>

Syntax Description

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

Command Mode

- /exec/configure/config-snoop-policy

security-policy

[no] security-policy <policy>

Syntax Description

security-policy	Configure Security policy
policy	Security Policy options

Command Mode

- /exec/configure/macsec-policy

sed

| sed [-n] + <expr>

Syntax Description

|	Pipe command output to filter
sed	Stream Editor
-n	(Optional) suppress automatic printing of pattern space
expr	Edition command (script)

Command Mode

- /output

segment-routing mpls

[no] segment-routing mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-routing	Segment-routing properties
mpls	Configure MPLS parameters

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv4

segment-routing mpls

[no] segment-routing mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-routing	Enable Segment Routing
mpls	Enable Segment Routing MPLS

Command Mode

- /exec/configure

send-community

[no | default] send-community [both | standard]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
both	(Optional) Send Standard and Extended Community attributes
standard	(Optional) Send Standard Community attribute

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv4
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv6
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mvpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-mvpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-link-state
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label

send-community

[no | default] send-community [both | extended | standard]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
both	(Optional) Send Standard and Extended Community attributes
extended	(Optional) Send Extended Community attribute
standard	(Optional) Send Standard Community attribute

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mdt
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-vpls

send-community extended

[no | default] send-community extended

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
extended	Send Extended Community attribute

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv4
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv6
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mvpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-mvpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-link-state
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

{ { send-lifetime [local] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syear> { duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <eday> <eyear> } } | { no send-lifetime [[local] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syear> { duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <eday> <eyear> }] } }

Syntax Description

no	Negate a command or set its defaults
send-lifetime	Set send lifetime of key
local	(Optional) Specify time in local timezone
stime	HH:MM:SS Time to start <0-23>:<0-59>:<0-59>
etime	HH:MM:SS Time to end <0-23>:<0-59>:<0-59>
month_a	
month_b	
month_c	
month_d	
month_e	
month_f	
month_g	
month_h	
month_i	
month_j	
month_k	
month_l	
sday	Day of the month to start

eday	Day of the month to end
syear	Year to start
eyear	Year to end
duration	Set key lifetime duration
dsec	Duration in seconds
infinite	Never Expires

Command Mode

- /exec/configure/keychain-key

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

{ { send-lifetime [local] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syear> { duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <eday> <eyear> } } | { no send-lifetime [[local] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syear> { duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <eday> <eyear> }] } }

Syntax Description

no	Negate a command or set its defaults
send-lifetime	Set send lifetime of macsec key
local	(Optional) Specify time in local timezone
stime	HH:MM:SS Time to start <0-23>:<0-59>:<0-59>
etime	HH:MM:SS Time to end <0-23>:<0-59>:<0-59>
month_a	
month_b	
month_c	
month_d	
month_e	
month_f	
month_g	
month_h	
month_i	
month_j	
month_k	
month_l	
sday	Day of the month to start

eday	Day of the month to end
syear	Year to start
eyear	Year to end
duration	Set key lifetime duration
dsec	Duration in seconds
infinite	Never Expires

Command Mode

- /exec/configure/macseckeychain-key

send

send <line>

Syntax Description

send	Send message to open sessions
line	Send message (a line) to all open sessions

Command Mode

- /exec

send session

send session <s0> <line>

Syntax Description

send	Send message to open sessions
session	Send message to specific session
s0	Specify pts/tty device type
line	Enter a one line message

Command Mode

- /exec

sensor-group

[no] sensor-group <sgrp-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
sensor-group	Create a sensor group
sgrp-id	Identifier

Command Mode

- /exec/configure/telemetry

server

[no] server { <hostipname> }

Syntax Description

no	(Optional) Negate a command or set its defaults
server	TACACS+ server name or IP address
hostipname	IPV4/IPV6 address or DNS name

Command Mode

- /exec/configure/tacacs+

server

[no] server <hostipname>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	RADIUS server name or IP address
hostipname	IPV4/IPV6 address or DNS name

Command Mode

- /exec/configure/radius

server

[no] server <host0>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	LDAP server name
host0	LDAP server name

Command Mode

- /exec/configure/ldap

server protocol ldap

[no] server protocol ldap { ipv6 <ipv6addr> | ip <ipaddr> | host <hostname> } [port <portnum>] [vrf { <vrf-name> | <vrf-known-name> }] [enable-ssl]

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure database protocol
ldap	Use LDAP
ipv6	IPv6 address of server
ip	IP address of server
ipaddr	Enter IP address of server
host	Hostname of server
hostname	Enter hostname of server
port	(Optional) Port
portnum	(Optional) Enter port number
vrf	(Optional) vrf context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
enable-ssl	(Optional) LDAP server enable ssl

Command Mode

- /exec/configure/fabric-db

server protocol radius group

[no] server protocol radius group <groupname>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure database protocol
radius	Use RADIUS
group	AAA group
groupname	Enter AAA group name of servers

Command Mode

- /exec/configure/fabric-db

server protocol xmpp ip

[no] server protocol xmpp { ip <ipaddr> | host <hostname> } [port <portnum>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure database protocol
xmpp	Use XMPP
ip	IP address of server
ipaddr	Enter IP address of server
host	Hostname of server
hostname	Enter hostname of server
port	(Optional) Port
portnum	(Optional) Enter port number
vrf	(Optional) vrf context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec/configure/fabric-db

service-policy

[no] service-policy [type qos] <inp-or-out> <pmap-name-qos> [no-stats]

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	(Optional) Specify the type of this policy
qos	(Optional) Qos policy
inp-or-out	
pmap-name-qos	Policy-map name __nil__ You must create a policy-map before using this command
no-stats	(Optional) Disable statistics for this policy

Command Mode

- /exec/configure/vlan

service-policy

[no] service-policy [type qos] <inp-or-out> <pmap-name-qos> [no-stats]

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	(Optional) Specify the type of this policy
qos	(Optional) Qos policy
inp-or-out	
pmap-name-qos	Policy-map name __nil__ You must create a policy-map before using this command
no-stats	(Optional) Disable statistics for this policy

Command Mode

- /exec/configure/if-set-qos /exec/configure/if-remote-ethernet /exec/configure/if-remote-ethernet-switch /exec/configure/if-fc /exec/configure/if-san-port-channel

service-policy

[no] service-policy [type qos] <pmap-name-qos>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure hierarchial policy-map
type	(Optional) Specify the type of this policy
qos	(Optional) Qos policy
pmap-name-qos	Policy-map name

Command Mode

- /exec/configure/policy-map/class

service-policy input

[no] service-policy input <policy_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Attach a policy to control-plane interface
input	Input the policy name
policy_name	Name of the policy

Command Mode

- /exec/configure/ctrl-plane

service-policy type network-qos

[no] service-policy type network-qos <pmap-name-nq>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
network-qos	Network QoS policy
pmap-name-nq	Policy-map name

Command Mode

- /exec/configure/system/qos

service-policy type psp

[no] service-policy type psp <inp-or-out> { <pmap-name-plc> | { handle <ppf_id> } }

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	Specify the type of this policy
psp	PSP policy
inp-or-out	
pmap-name-plc	Policy-map name __nil__ You must create a policy-map before using this command
handle	Handle
ppf_id	PPF ID

Command Mode

- /exec/configure/if-set-qos

service-policy type qos

[no] service-policy type qos <inp-only> <pmap-name-qos>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
qos	System-level QoS policy
inp-only	
pmap-name-qos	Policy-map name __nil__ You must create a policy-map before using this command

Command Mode

- /exec/configure/system/qos

service-policy type queuing

[no] service-policy type queuing <inp-or-out> <pmap-name-que>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
queuing	DCE Queuing policy
inp-or-out	
pmap-name-que	Policy-map name

Command Mode

- /exec/configure/system/qos

service-policy type queuing

[no] service-policy type queuing <inp-or-out> <pmap-name-que> [no-stats]

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	Specify the type of this policy
queuing	Queuing policy
inp-or-out	
pmap-name-que	Policy-map name
no-stats	(Optional) Disable statistics for this policy

Command Mode

- /exec/configure/if-set-que

service-policy type queuing

[no] service-policy type queuing <pmap-name-que>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Set the inner policy-map
type	Specify the type of this policy
queuing	Queuing policy
pmap-name-que	Policy-map name __nil__ You must create a policy-map before using this command

Command Mode

- /exec/configure/policy-map/type/queuing/class

service dhcp

[no] service dhcp

Syntax Description

no	(Optional) Negate a command or set its defaults
service	Modify use of network based services
dhcp	Enable DHCP relay agent

Command Mode

- /exec/configure

service password-recovery

[no] service password-recovery

Syntax Description

no	(Optional) Negate a command or set its defaults
service	Service
password-recovery	Configure password-recovery option of console

Command Mode

- /exec/configure

service set

[no] service set <onep-service-set>

Syntax Description

no	(Optional) Negate a command or set its defaults
service	ONEP service set
set	ONEP service set
onep-service-set	service name

Command Mode

- /exec/configure/onep

service tag

{ service tag <tag-id> } | { no service tag }

Syntax Description

no	Negate a command or set its defaults
service	Configure ngoam service
tag	Configure ngoam service tag
tag-id	Configure ngoam service tag id

Command Mode

- /exec/configure/configngoamprofile

service unsupported-transceiver

[no] service unsupported-transceiver

Syntax Description

no	(Optional) Negate a command or set its defaults
service	Serviceability Commands
unsupported-transceiver	Configure support for transceivers not supported by Cisco

Command Mode

- /exec/configure

session-limit

[no] session-limit <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
session-limit	Set the max no of concurrent vsh sessions
i0	Max concurrent vsh sessions

Command Mode

- /exec/configure/line

session domain-lookup

session domain-lookup | no session domain-lookup

Syntax Description

session	Configure session preferences
no	Negate a command or set its defaults
domain-lookup	Session

Command Mode

- /exec

session key-required

[no] session key-required

Syntax Description

no	Negate a command or set its defaults
session	One Platform session
key-required	Disable session key

Command Mode

- /exec/configure/onep

session max

[no] session max [<onep-maxsess>]

Syntax Description

no	Negate a command or set its defaults
session	One Platform session
max	Maximum number of sessions
onep-maxsess	(Optional) Number of sessions

Command Mode

- /exec/configure/onep

session max

session max <onep-maxsess>

Syntax Description

session	One Platform session
max	Maximum number of sessions
onep-maxsess	Number of sessions

Command Mode

- /exec/configure/onep

session protection

[no] session protection [vrf { <vrf-name> | <vrf-known-name> }] [for <pfx-list>] [duration { <secs> | infinite }]

Syntax Description

no	(Optional) Negate a command or set its defaults
session	Configure session parameters
protection	Configure session protection parameters
vrf	(Optional) VRF Routing/Forwarding instance information
vrf-name	(Optional) VPN Routing/Forwarding instance name
vrf-known-name	(Optional) Known VRF name
for	(Optional) Prefix list to specify LDP peers
pfx-list	(Optional) Prefix list for LDP peers
duration	(Optional) Period to sustain session protection after loss of link discovery
secs	(Optional) Holdup time in seconds
infinite	(Optional) Protect session forever after loss of link discovery

Command Mode

- /exec/configure/ldp

set-attached-bit

[no] set-attached-bit

Syntax Description

no	(Optional) Negate a command or set its defaults
set-attached-bit	Configure L1|L2 router to set/unset attached bit in its L1 LSP

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common /exec/configure/router-isis/router-isis-af-ipv6

set-overload-bit

[no] set-overload-bit | [no] set-overload-bit { always | on-startup { <secs> | [<seconds>] wait-for bgp <as> } } [suppress { [interlevel] [external] }]

Syntax Description

no	Negate a command or set its defaults
set-overload-bit	Signal other routers not to use us for transit
always	Set the overload bit unconditionally
on-startup	Set the overload bit on IS-IS startup
secs	Clear the overload bit after an elapsed time in seconds
wait-for	Clear the overload bit when notified by a specific protocol
bgp	Border Gateway Protocol (BGP)
seconds	(Optional) Clear the overload bit after an elapsed time in seconds
as	Autonomous system number
suppress	(Optional) Suppress route redistribution if overload bit set
interlevel	(Optional) Suppress interlevel route redistribution
external	(Optional) Suppress external route redistribution

Command Mode

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

set

[no] set { load-sharing per-packet }

Syntax Description

set	Set attribute
load-sharing	Load sharing across ECMP by set out-of-order bit
per-packet	per MiM packet
no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/policy-map/class

set

set <paramname> <paramval>

Syntax Description

set	Set the parameter value
paramname	Enter the name of the parameter
paramval	Enter the parameter value

Command Mode

- /exec/configure/param-inst

set

[no] set { { cos <cos-val> } | { eth-src-mac-addr <src-mac-addr> } | { eth-dest-mac-addr <dest-mac-addr> } | { vlan <vlan-number> } | { ip-tos <ip-tos-value> <ip-tos-mask> } | { out-interface <iface-list> } | { dscp [tunnel] { <dscp-val> | <dscp-enum> } } | { precedence [prec-tunnel] { <prec-val> | <prec-enum> } } | { discard-class <dis-class-val> } | { qos-group <qos-grp-val> } | { { { { cos1 cos2 } | { dscp1 dscp2 } | { prec1 prec2 } | { dis-class1 dis-class2 } | { dscp3 mpls-exp-imposition } | { mpls-exp-topmost dscp4 } | { mpls-exp-topmost1 mpls-exp-topmost2 } } } | { mpls experimental { { topmost <exp-value> } | { imposition <exp-value-imp> } } } | action-strip-vlan | action-drop-pkt | divert-action | copy-action | action-decrement-ttl | forward-normal | goto-pmap <pmap-table-handle> }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
cos1	IEEE 802.1Q class of service
cos2	IEEE 802.1Q class of service
cos-val	802.1Q Class of Service value
eth-dest-mac-addr	Action on Layer 2 destination MAC address
eth-src-mac-addr	Action on Layer 2 source MAC address
src-mac-addr	Layer 2 MAC Address
dest-mac-addr	Layer 2 MAC Address
vlan	Set the VLAN ID
vlan-number	VLAN NUMBER
ip-tos	Set the IPv4 TOS
ip-tos-value	IPv4 TOS Value
ip-tos-mask	IPV4 TOS Mask
out-interface	Output to a Specified Interface
iface-list	Physical Interface Name and Number or List
action-strip-vlan	Perform the action STRIP-VLAN-ID
action-drop-pkt	Perform the action Drop the Packet
divert-action	Divert the packets to Controller
copy-action	Copy the packets to Controller

action-decrement-ttl	Decrement TTL on the Packet
forward-normal	Forward the packets normally
goto-pmap	Goto pmap/table
pmap-table-handle	Pmap-table handle
dscp	DSCP in IP(v4) and IPv6 packets
dscp1	DSCP in IP(v4) and IPv6 packets
dscp2	DSCP in IP(v4) and IPv6 packets
tunnel	(Optional) Set DSCP in tunnel encapsulation
dscp-val	DSCP value
dscp-enum	
precedence	Precedence in IP(v4) and IPv6 packets
prec1	Precedence in IP(v4) and IPv6 packets
prec2	Precedence in IP(v4) and IPv6 packets
prec-tunnel	(Optional) Set Precedence in tunnel encapsulation
prec-val	IP Precedence value
prec-enum	
discard-class	Discard class
dis-class1	Discard class
dis-class2	Discard class
dis-class-val	Discard class value
qos-group	Qos-group
qos-grp-val	Qos-group value
mpls	Set MPLS label
experimental	Set MPLS experimental label
topmost	Set MPLS topmost label
imposition	Push the label and set new one on top
exp-value	MPLS value
exp-value-imp	MPLS value
dscp3	DSCP in IP(v4) and IPv6 packets

mpls-exp-imposition	mpls-exp-imposition
mpls-exp-topmost	mpls-exp-topmost
dscp4	DSCP in IP(v4) and IPv6 packets
mpls-exp-topmost1	mpls-exp-topmost
mpls-exp-topmost2	mpls-exp-topmost

Command Mode

- /exec/configure/policy-map/type/plc/class

set

[no] set { { cos [inner] <cos-val> } | { dscp [tunnel] { <dscp-val> | <opt_set_dscp> } } | { precedence [tunnel1] { <prec-val> | <opt_set_prec> } } }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
inner	(Optional) Set inner 802.1Q class of service in QinQ environment
cos-val	802.1Q Class of Service value
dscp	DSCP in IP(v4) and IPv6 packets
tunnel	(Optional) Set DSCP in tunnel encapsulation
dscp-val	DSCP value
opt_set_dscp	
precedence	Precedence in IP(v4) and IPv6 packets
tunnel1	(Optional) Set DSCP in tunnel encapsulation
prec-val	IP Precedence value
opt_set_prec	

Command Mode

- /exec/configure/pmap/class

set

[no] set { { dlb-disable } | { precedence [prec-tunnel] { <prec-val> | <prec-enum> } } | { dscp [tunnel] { <dscp-val> | <dscp-enum> } } | { cos <cos-val> } | { qos-group <qos-grp-val> } }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
dlb-disable	Disable Dynamic Load Balancing
precedence	Precedence in IP(v4) and IPv6 packets
prec-tunnel	(Optional) Set Precedence in tunnel encapsulation
prec-val	IP Precedence value
prec-enum	
dscp	DSCP in IP(v4) and IPv6 packets
tunnel	(Optional) Set DSCP in tunnel encapsulation
dscp-val	DSCP value
dscp-enum	
cos	IEEE 802.1Q Class of Service
cos-val	802.1Q Class of Service value
qos-group	Qos-group
qos-grp-val	

Command Mode

- /exec/configure/policy-map/class

set

[no] set { { discard-class <dis-class-val> } | { { { cos1 cos2 } | { dscp1 dscp2 } | { prec1 prec2 } | { dis-class1 dis-class2 } | { dscp3 mpls-exp-imposition } | { mpls-exp-topmost dscp4 } | { mpls-exp-topmost1 mpls-exp-topmost2 } } table <table-map-name> } | { mpls experimental { { topmost <exp-value> } | { imposition <exp-value-imp> } } } }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos1	IEEE 802.1Q class of service
cos2	IEEE 802.1Q class of service
dscp1	DSCP in IP(v4) and IPv6 packets
dscp2	DSCP in IP(v4) and IPv6 packets
prec1	Precedence in IP(v4) and IPv6 packets
prec2	Precedence in IP(v4) and IPv6 packets
discard-class	Discard class
dis-class1	Discard class
dis-class2	Discard class
dis-class-val	Discard class value
table	Table defining mapping from input to output
table-map-name	Table-map name
mpls	Set MPLS label
experimental	Set MPLS experimental label
topmost	Set MPLS topmost label
imposition	Push the label and set new one on top
exp-value	MPLS value
exp-value-imp	MPLS value
dscp3	DSCP in IP(v4) and IPv6 packets
mpls-exp-imposition	mpls-exp-imposition
mpls-exp-topmost	mpls-exp-topmost

dscp4	DSCP in IP(v4) and IPv6 packets
mpls-exp-topmost1	mpls-exp-topmost
mpls-exp-topmost2	mpls-exp-topmost

Command Mode

- /exec/configure/policy-map/class

set as-path prepend last-as tag

{ set as-path { prepend { last-as <lastas> | <as> + } | tag } } | { no set as-path { prepend [last-as [<lastas>] | <as> +] | tag } }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
as-path	Prepend string for a BGP AS-path attribute
prepend	Prepend to the AS-Path
last-as	Prepend last AS to the as-path
lastas	number of last-AS prepends
as	AS number
tag	Set the tag as an AS-path attribute
as	(Optional)

Command Mode

- /exec/configure/route-map

set comm-list delete

{ { set comm-list <name> delete } | { no set comm-list } }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
comm-list	set BGP community list (for deletion)
name	Community list name
delete	Delete matching communities

Command Mode

- /exec/configure/route-map

set community none additive internet local-AS

{ set community { none | { additive | internet | local-AS | no-advertise | no-export | <hex_num> | <number> | <community> } + } } | { no set community [{ none | { additive | internet | local-AS | no-advertise | no-export | <hex_num> | <number> | <community> } + }] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
community	Set BGP community attribute
additive	Add to existing community
internet	Internet (well-known community)
local-AS	Do not send outside local AS (well-known community)
no-advertise	Do not advertise to any peer (well-known community)
no-export	Do not export to next AS (well-known community)
none	No community attribute
number	Community number
hex_num	Community number in hex
community	Community number aa:nn format
additive	(Optional) internet

Command Mode

- /exec/configure/route-map

set cos

[no] set cos <cos-val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q Class of Service
cos-val	802.1Q Class of Service value

Command Mode

- /exec/configure/policy-map/type/queuing/class

set cos

[no] set cos <cos-val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
cos-val	802.1Q Class of Service value

Command Mode

- /exec/configure/policy-map/type/uf/class

set dampening

{ set dampening <halflife> <reuse> <supress> <duration> } | { no set dampening [<halflife> <reuse> <supress> <duration>] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
dampening	Set BGP route flap dampening parameters
halflife	half-life time for the penalty
reuse	penalty to start reusing a route
supress	penalty to start suppressing a route
duration	Maximum duration to suppress a stable route

Command Mode

- /exec/configure/route-map

set distance

{ set distance <external-dist> [<internal-dist> [<local-dist>]] } | { no set distance }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
distance	Set the Administrative distance of route
external-dist	Administrative distance for IGP or EBGP routes
internal-dist	(Optional) Administrative distance for internal routes
local-dist	(Optional) Administrative distance for local routes

Command Mode

- /exec/configure/route-map

set drpvec

set drpvec { parse_err <parse_err> | outer_ids_g0 <outer_ids_g0> | outer_ids_g1 <outer_ids_g1> | outer_ids_g2 <outer_ids_g2> | outer_ids_g3 <outer_ids_g3> | outer_ids_g4 <outer_ids_g4> | outer_ids_g5 <outer_ids_g5> | outer_ids_g6 <outer_ids_g6> | outer_ids_g7 <outer_ids_g7> | outer_xlate_miss <outer_xlate_miss> | infra_encap_src_tep_miss <infra_encap_src_tep_miss> | infra_encap_type_mismatch <infra_encap_type_mismatch> | uc_tenant_mytep_route_miss <uc_tenant_mytep_route_miss> | uc_tenant_mytep_bridge_miss <uc_tenant_mytep_bridge_miss> | arp_nd_ucast_miss <arp_nd_ucast_miss> | mc_dvif_miss <mc_dvif_miss> | shard_override_vlan_xlate_miss <shard_override_vlan_xlate_miss> | fcf_check_failed <fcf_check_failed> | ttl_expired <ttl_expired> | security_group_deny <security_group_deny> | mc_iic <mc_iic> | mc_gipo_miss <mc_gipo_miss> | vif_miss <vif_miss> | missing_vntag <missing_vntag> | vlan_xlate_miss <vlan_xlate_miss> | ip_mtu_check_failure <ip_mtu_check_failure> | uc_rpf_failure <uc_rpf_failure> | mc_rpf_failure <mc_rpf_failure> | l3_binding_failure <l3_binding_failure> | nsh_not_allowed <nsh_not_allowed> | src_vlan_mbr <src_vlan_mbr> | nsh_src_sw_chk_failed <nsh_src_sw_chk_failed> | l2mp_iic_failed <l2mp_iic_failed> | l2mp_on_ce_bd <l2mp_on_ce_bd> | l2mp_encap_from_edge <l2mp_encap_from_edge> | l2mp_noencap_from_core <l2mp_noencap_from_core> | outer_ttl_expired <outer_ttl_expired> | incorrect_vntag_type <incorrect_vntag_type> | l2mp_ftag_comp_miss <l2mp_ftag_comp_miss> | ipv6_uc_link_local_cross_bd <ipv6_uc_link_local_cross_bd> | ipv6_mc_sa_local_da_global_svi <ipv6_mc_sa_local_da_global_svi> | ipv6_mc_sa_local_da_global_l3if <ipv6_mc_sa_local_da_global_l3if> | routing_disabled <routing_disabled> | fc_lookup_miss <fc_lookup_miss> | no_sgt_from_core <no_sgt_from_core> | ip_self_fwd_failure <ip_self_fwd_failure> | acl_drop <acl_drop> | smac_miss <smac_miss> | secure_mac_move <secure_mac_move> | non_secure_mac <non_secure_mac> | l2_binding_failure <l2_binding_failure> | inner_ids_g0 <inner_ids_g0> | inner_ids_g1 <inner_ids_g1> | inner_ids_g2 <inner_ids_g2> | inner_ids_g3 <inner_ids_g3> | inner_ids_g4 <inner_ids_g4> | inner_ids_g5 <inner_ids_g5> | inner_ids_g6 <inner_ids_g6> | inner_ids_g7 <inner_ids_g7> | infra_encap_src_tep_drop <infra_encap_src_tep_drop> | split_horizon_check <split_horizon_check> | mc_fib_miss <mc_fib_miss> | mc_l2_miss <mc_l2_miss> | uc_df_check_failure <uc_df_check_failure> | uc_pc_cfg_table_drop <uc_pc_cfg_table_drop> | illegal_expl_null <illegal_expl_null> | mpls_lookup_miss <mpls_lookup_miss> | outer_cbl_check <outer_cbl_check> | null_shard_with_e_bit_set <null_shard_with_e_bit_set> | lb_drop <lb_drop> | nat_fragment <nat_fragment> | illegal_dce_pkt <illegal_dce_pkt> | dci_vnid_xlate_miss <dci_vnid_xlate_miss> | dci_sclass_xlate_miss <dci_sclass_xlate_miss> | dci_2nd_uc_transit <dci_2nd_uc_transit> } +

Syntax Description

set	Setup Trigger
drpvec	All drop vector fields
parse_err	Parse_Err
parse_err	Parse_Err
outer_ids_g0	Outer_Ids_G0
outer_ids_g0	Outer_Ids_G0
outer_ids_g1	Outer_Ids_G1
outer_ids_g1	Outer_Ids_G1
outer_ids_g2	Outer_Ids_G2

outer_ids_g2	Outer_Ids_G2
outer_ids_g3	Outer_Ids_G3
outer_ids_g3	Outer_Ids_G3
outer_ids_g4	Outer_Ids_G4
outer_ids_g4	Outer_Ids_G4
outer_ids_g5	Outer_Ids_G5
outer_ids_g5	Outer_Ids_G5
outer_ids_g6	Outer_Ids_G6
outer_ids_g6	Outer_Ids_G6
outer_ids_g7	Outer_Ids_G7
outer_ids_g7	Outer_Ids_G7
outer_xlate_miss	Outer_Xlate_Miss
outer_xlate_miss	Outer_Xlate_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
mc_dvif_miss	Mc_Dvif_Miss
mc_dvif_miss	Mc_Dvif_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
fcf_check_failed	Fcf_Check_Failed
fcf_check_failed	Fcf_Check_Failed

ttl_expired	Ttl_Expired
ttl_expired	Ttl_Expired
security_group_deny	Security_Group_Deny
security_group_deny	Security_Group_Deny
mc_iic	Mc_Iic
mc_iic	Mc_Iic
mc_gipo_miss	Mc_Gipo_Miss
mc_gipo_miss	Mc_Gipo_Miss
vif_miss	Vif_Miss
vif_miss	Vif_Miss
missing_vntag	Missing_Vntag
missing_vntag	Missing_Vntag
vlan_xlate_miss	Vlan_Xlate_Miss
vlan_xlate_miss	Vlan_Xlate_Miss
ip_mtu_check_failure	Ip_Mtu_Check_Failure
ip_mtu_check_failure	Ip_Mtu_Check_Failure
uc_rpf_failure	Uc_Rpf_Failure
uc_rpf_failure	Uc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
l3_binding_failure	L3_Binding_Failure
l3_binding_failure	L3_Binding_Failure
nsh_not_allowed	Nsh_Not_Allowed
nsh_not_allowed	Nsh_Not_Allowed
src_vlan_mbr	Src_Vlan_Mbr
src_vlan_mbr	Src_Vlan_Mbr
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
l2mp_iic_failed	L2Mp_Iic_Failed

l2mp_iic_failed	L2Mp_Iic_Failed
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
outer_ttl_expired	Outer_Ttl_Expired
outer_ttl_expired	Outer_Ttl_Expired
incorrect_vntag_type	Incorrect_Vntag_Type
incorrect_vntag_type	Incorrect_Vntag_Type
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
routing_disabled	Routing_Disabled
routing_disabled	Routing_Disabled
fc_lookup_miss	Fc_Lookup_Miss
fc_lookup_miss	Fc_Lookup_Miss
no_sgt_from_core	No_Sgt_From_Core
no_sgt_from_core	No_Sgt_From_Core
ip_self_fwd_failure	Ip_Self_Fwd_Failure
ip_self_fwd_failure	Ip_Self_Fwd_Failure
acl_drop	Acl_Drop
acl_drop	Acl_Drop

smac_miss	Smac_Miss
smac_miss	Smac_Miss
secure_mac_move	Secure_Mac_Move
secure_mac_move	Secure_Mac_Move
non_secure_mac	Non_Secure_Mac
non_secure_mac	Non_Secure_Mac
l2_binding_failure	L2_Binding_Failure
l2_binding_failure	L2_Binding_Failure
inner_ids_g0	Inner_Ids_G0
inner_ids_g0	Inner_Ids_G0
inner_ids_g1	Inner_Ids_G1
inner_ids_g1	Inner_Ids_G1
inner_ids_g2	Inner_Ids_G2
inner_ids_g2	Inner_Ids_G2
inner_ids_g3	Inner_Ids_G3
inner_ids_g3	Inner_Ids_G3
inner_ids_g4	Inner_Ids_G4
inner_ids_g4	Inner_Ids_G4
inner_ids_g5	Inner_Ids_G5
inner_ids_g5	Inner_Ids_G5
inner_ids_g6	Inner_Ids_G6
inner_ids_g6	Inner_Ids_G6
inner_ids_g7	Inner_Ids_G7
inner_ids_g7	Inner_Ids_G7
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
split_horizon_check	Split_Horizon_Check
split_horizon_check	Split_Horizon_Check
mc_fib_miss	Mc_Fib_Miss

mc_fib_miss	Mc_Fib_Miss
mc_l2_miss	Mc_L2_Miss
mc_l2_miss	Mc_L2_Miss
uc_df_check_failure	Uc_Df_Check_Failure
uc_df_check_failure	Uc_Df_Check_Failure
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
illegal_expl_null	Illegal_Expl_Null
illegal_expl_null	Illegal_Expl_Null
mpls_lookup_miss	Mpls_Lookup_Miss
mpls_lookup_miss	Mpls_Lookup_Miss
outer_cbl_check	Outer_Cbl_Check
outer_cbl_check	Outer_Cbl_Check
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
lb_drop	Lb_Drop
lb_drop	Lb_Drop
nat_fragment	Nat_Fragment
nat_fragment	Nat_Fragment
illegal_dce_pkt	Illegal_Dce_Pkt
illegal_dce_pkt	Illegal_Dce_Pkt
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_2nd_uc_transit	Dci_2nd_Uc_Transit
dci_2nd_uc_transit	Dci_2nd_Uc_Transit

Command Mode

- /exec/elamtah/outsel2

set drpvec

set drpvec { parse_err <parse_err> | outer_ids_g0 <outer_ids_g0> | outer_ids_g1 <outer_ids_g1> | outer_ids_g2 <outer_ids_g2> | outer_ids_g3 <outer_ids_g3> | outer_ids_g4 <outer_ids_g4> | outer_ids_g5 <outer_ids_g5> | outer_ids_g6 <outer_ids_g6> | outer_ids_g7 <outer_ids_g7> | outer_xlate_miss <outer_xlate_miss> | infra_encap_src_tep_miss <infra_encap_src_tep_miss> | infra_encap_type_mismatch <infra_encap_type_mismatch> | uc_tenant_mytep_route_miss <uc_tenant_mytep_route_miss> | uc_tenant_mytep_bridge_miss <uc_tenant_mytep_bridge_miss> | arp_nd_ucast_miss <arp_nd_ucast_miss> | mc_dvif_miss <mc_dvif_miss> | shard_override_vlan_xlate_miss <shard_override_vlan_xlate_miss> | fcf_check_failed <fcf_check_failed> | ttl_expired <ttl_expired> | security_group_deny <security_group_deny> | mc_iic <mc_iic> | mc_gipo_miss <mc_gipo_miss> | vif_miss <vif_miss> | missing_vntag <missing_vntag> | vlan_xlate_miss <vlan_xlate_miss> | ip_mtu_check_failure <ip_mtu_check_failure> | uc_rpf_failure <uc_rpf_failure> | mc_rpf_failure <mc_rpf_failure> | l3_binding_failure <l3_binding_failure> | nsh_not_allowed <nsh_not_allowed> | src_vlan_mbr <src_vlan_mbr> | nsh_src_sw_chk_failed <nsh_src_sw_chk_failed> | l2mp_iic_failed <l2mp_iic_failed> | l2mp_on_ce_bd <l2mp_on_ce_bd> | l2mp_encap_from_edge <l2mp_encap_from_edge> | l2mp_noencap_from_core <l2mp_noencap_from_core> | outer_ttl_expired <outer_ttl_expired> | incorrect_vntag_type <incorrect_vntag_type> | l2mp_ftag_comp_miss <l2mp_ftag_comp_miss> | ipv6_uc_link_local_cross_bd <ipv6_uc_link_local_cross_bd> | ipv6_mc_sa_local_da_global_svi <ipv6_mc_sa_local_da_global_svi> | ipv6_mc_sa_local_da_global_l3if <ipv6_mc_sa_local_da_global_l3if> | routing_disabled <routing_disabled> | fc_lookup_miss <fc_lookup_miss> | no_sgt_from_core <no_sgt_from_core> | ip_self_fwd_failure <ip_self_fwd_failure> | acl_drop <acl_drop> | smac_miss <smac_miss> | secure_mac_move <secure_mac_move> | non_secure_mac <non_secure_mac> | l2_binding_failure <l2_binding_failure> | inner_ids_g0 <inner_ids_g0> | inner_ids_g1 <inner_ids_g1> | inner_ids_g2 <inner_ids_g2> | inner_ids_g3 <inner_ids_g3> | inner_ids_g4 <inner_ids_g4> | inner_ids_g5 <inner_ids_g5> | inner_ids_g6 <inner_ids_g6> | inner_ids_g7 <inner_ids_g7> | infra_encap_src_tep_drop <infra_encap_src_tep_drop> | split_horizon_check <split_horizon_check> | mc_fib_miss <mc_fib_miss> | mc_l2_miss <mc_l2_miss> | uc_df_check_failure <uc_df_check_failure> | uc_pc_cfg_table_drop <uc_pc_cfg_table_drop> | illegal_expl_null <illegal_expl_null> | mpls_lookup_miss <mpls_lookup_miss> | outer_cbl_check <outer_cbl_check> | null_shard_with_e_bit_set <null_shard_with_e_bit_set> | lb_drop <lb_drop> | nat_fragment <nat_fragment> | illegal_dce_pkt <illegal_dce_pkt> | dci_vnid_xlate_miss <dci_vnid_xlate_miss> | dci_sclass_xlate_miss <dci_sclass_xlate_miss> | dci_2nd_uc_transit <dci_2nd_uc_transit> } +

Syntax Description

set	Setup Trigger
drpvec	All drop vector fields
parse_err	Parse_Err
parse_err	Parse_Err
outer_ids_g0	Outer_Ids_G0
outer_ids_g0	Outer_Ids_G0
outer_ids_g1	Outer_Ids_G1
outer_ids_g1	Outer_Ids_G1
outer_ids_g2	Outer_Ids_G2

outer_ids_g2	Outer_Ids_G2
outer_ids_g3	Outer_Ids_G3
outer_ids_g3	Outer_Ids_G3
outer_ids_g4	Outer_Ids_G4
outer_ids_g4	Outer_Ids_G4
outer_ids_g5	Outer_Ids_G5
outer_ids_g5	Outer_Ids_G5
outer_ids_g6	Outer_Ids_G6
outer_ids_g6	Outer_Ids_G6
outer_ids_g7	Outer_Ids_G7
outer_ids_g7	Outer_Ids_G7
outer_xlate_miss	Outer_Xlate_Miss
outer_xlate_miss	Outer_Xlate_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
mc_dvif_miss	Mc_Dvif_Miss
mc_dvif_miss	Mc_Dvif_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
fcf_check_failed	Fcf_Check_Failed
fcf_check_failed	Fcf_Check_Failed

ttl_expired	Ttl_Expired
ttl_expired	Ttl_Expired
security_group_deny	Security_Group_Deny
security_group_deny	Security_Group_Deny
mc_iic	Mc_Iic
mc_iic	Mc_Iic
mc_gipo_miss	Mc_Gipo_Miss
mc_gipo_miss	Mc_Gipo_Miss
vif_miss	Vif_Miss
vif_miss	Vif_Miss
missing_vntag	Missing_Vntag
missing_vntag	Missing_Vntag
vlan_xlate_miss	Vlan_Xlate_Miss
vlan_xlate_miss	Vlan_Xlate_Miss
ip_mtu_check_failure	Ip_Mtu_Check_Failure
ip_mtu_check_failure	Ip_Mtu_Check_Failure
uc_rpf_failure	Uc_Rpf_Failure
uc_rpf_failure	Uc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
l3_binding_failure	L3_Binding_Failure
l3_binding_failure	L3_Binding_Failure
nsh_not_allowed	Nsh_Not_Allowed
nsh_not_allowed	Nsh_Not_Allowed
src_vlan_mbr	Src_Vlan_Mbr
src_vlan_mbr	Src_Vlan_Mbr
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
l2mp_iic_failed	L2Mp_Iic_Failed

l2mp_iic_failed	L2Mp_Iic_Failed
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
outer_ttl_expired	Outer_Ttl_Expired
outer_ttl_expired	Outer_Ttl_Expired
incorrect_vntag_type	Incorrect_Vntag_Type
incorrect_vntag_type	Incorrect_Vntag_Type
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
routing_disabled	Routing_Disabled
routing_disabled	Routing_Disabled
fc_lookup_miss	Fc_Lookup_Miss
fc_lookup_miss	Fc_Lookup_Miss
no_sgt_from_core	No_Sgt_From_Core
no_sgt_from_core	No_Sgt_From_Core
ip_self_fwd_failure	Ip_Self_Fwd_Failure
ip_self_fwd_failure	Ip_Self_Fwd_Failure
acl_drop	Acl_Drop
acl_drop	Acl_Drop

smac_miss	Smac_Miss
smac_miss	Smac_Miss
secure_mac_move	Secure_Mac_Move
secure_mac_move	Secure_Mac_Move
non_secure_mac	Non_Secure_Mac
non_secure_mac	Non_Secure_Mac
l2_binding_failure	L2_Binding_Failure
l2_binding_failure	L2_Binding_Failure
inner_ids_g0	Inner_Ids_G0
inner_ids_g0	Inner_Ids_G0
inner_ids_g1	Inner_Ids_G1
inner_ids_g1	Inner_Ids_G1
inner_ids_g2	Inner_Ids_G2
inner_ids_g2	Inner_Ids_G2
inner_ids_g3	Inner_Ids_G3
inner_ids_g3	Inner_Ids_G3
inner_ids_g4	Inner_Ids_G4
inner_ids_g4	Inner_Ids_G4
inner_ids_g5	Inner_Ids_G5
inner_ids_g5	Inner_Ids_G5
inner_ids_g6	Inner_Ids_G6
inner_ids_g6	Inner_Ids_G6
inner_ids_g7	Inner_Ids_G7
inner_ids_g7	Inner_Ids_G7
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
split_horizon_check	Split_Horizon_Check
split_horizon_check	Split_Horizon_Check
mc_fib_miss	Mc_Fib_Miss

mc_fib_miss	Mc_Fib_Miss
mc_l2_miss	Mc_L2_Miss
mc_l2_miss	Mc_L2_Miss
uc_df_check_failure	Uc_Df_Check_Failure
uc_df_check_failure	Uc_Df_Check_Failure
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
illegal_expl_null	Illegal_Expl_Null
illegal_expl_null	Illegal_Expl_Null
mpls_lookup_miss	Mpls_Lookup_Miss
mpls_lookup_miss	Mpls_Lookup_Miss
outer_cbl_check	Outer_Cbl_Check
outer_cbl_check	Outer_Cbl_Check
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
lb_drop	Lb_Drop
lb_drop	Lb_Drop
nat_fragment	Nat_Fragment
nat_fragment	Nat_Fragment
illegal_dce_pkt	Illegal_Dce_Pkt
illegal_dce_pkt	Illegal_Dce_Pkt
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_2nd_uc_transit	Dci_2nd_Uc_Transit
dci_2nd_uc_transit	Dci_2nd_Uc_Transit

Command Mode

- /exec/elamtah/outsel1

set extcomm-list delete

{ { set extcomm-list <name> delete } | { no set extcomm-list [<name> delete] } }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcomm-list	set BGP extcommunity list (for deletion)
name	Extended Community list name
delete	Delete matching extcommunities

Command Mode

- /exec/configure/route-map

set extcommunity 4byteas-generic transitive additive

{ set extcommunity 4byteas-generic { { transitive <ext-comm-gen-trans> | non-transitive <ext-comm-gen-nontrans> } + [additive] | additive | none } } | { no set extcommunity 4byteas-generic [{ transitive <ext-comm-gen-trans> | non-transitive <ext-comm-gen-nontrans> } + [additive] | additive | none] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
4byteas-generic	Generic extended community
additive	(Optional) Add to existing generic extcommunity
none	No extcommunity generic attribute
transitive	Transitive extended community
non-transitive	Non-Transitive extended community
ext-comm-gen-trans	Extcommunity number aa4:nn format
ext-comm-gen-nontrans	Extcommunity number aa4:nn format
ext-comm-gen-trans	(Optional) <ext-comm-gen-nontrans>

Command Mode

- /exec/configure/route-map

set extcommunity additive

{ set extcommunity { additive | none } } | { no set extcommunity [additive | none] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
additive	Add to existing generic extcommunity
none	No extcommunity attribute

Command Mode

- /exec/configure/route-map

set extcommunity cost

{ set extcommunity cost { [igp | pre-bestpath] <comm-id> <cost-value> } + } | { no set extcommunity cost [[igp | pre-bestpath] <comm-id> <cost-value>] + }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
cost	Cost
igp	(Optional) Compare following IGP cost comparison
pre-bestpath	(Optional) Compare before all other steps in bestpath calculation
comm-id	Community ID
cost-value	Cost Community value
comm-id	(Optional) <cost-value>

Command Mode

- /exec/configure/route-map

set extcommunity rt additive

{ set extcommunity rt { { <ext-comm-rt-aa2nn4> | <ext-comm-rt-aa4nn2> } + [additive] | additive } } | { no set extcommunity rt [{ <ext-comm-rt-aa2nn4> | <ext-comm-rt-aa4nn2> } + [additive] | additive] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
rt	Route-Target
additive	(Optional) Add to existing rt extcommunity
ext-comm-rt-aa2nn4	Extcommunity number
ext-comm-rt-aa4nn2	Extcommunity number
ext-comm-rt-aa2nn4	(Optional) <ext-comm-rt-aa4nn2>

Command Mode

- /exec/configure/route-map

set extension-key

[no] set extension-key <key>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set the extension key manually
extension-key	Set the extension key manually
key	Extension key

Command Mode

- /exec/configure/vmt-conn

set forwarding-address

[no] set forwarding-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
forwarding-address	Set the forwarding address

Command Mode

- /exec/configure/route-map

set ieth

set ieth { sof <sof_val> | hdr_type <hdr_type> | ext_hd <ext_hd> | opcode <opcode> | src_idx <src_idx> | dst_idx <dst_idx> | src_chip <src_chip> | src_port <src_port> | dst_chip <dst_chip> | dst_port <dst_port> | outer_bd <outer_bd> | bd <bd> | traceroute <traceroute> | dont_lrn <dont_lrn> | span | alt_if_prof <alt_if_prof> | ttl_bypass <ttl_bypass> | src_is_tunl <src_is_tunl> | dst_is_tunl <dst_is_tunl> | l2_tunl <l2_tunl> | sup_tx <sup_tx> | sup_code <sup_code> | cos_de <cos_de> | tclass <tclass> | src_is_peer <src_is_peer> | pkt_hash <pkt_hash> } +

Syntax Description

set	Setup Trigger
ieth	All iETH Hdr Fields
sof	Start of Frame
sof_val	Start of Frame
hdr_type	Header Type
hdr_type	Header Type
ext_hd	Ext hd
ext_hd	Ext hd
opcode	Opcode
opcode	Opcode
src_idx	Source Index
src_idx	Source Index
dst_idx	Destination Index
dst_idx	Destination Index
src_chip	Source Chip
src_chip	Source Chip
src_port	Source Port
src_port	Source Port
dst_chip	Destination Chip
dst_chip	Destination Chip
dst_port	Destination Port
dst_port	Destination Port

outer_bd	Outer BD
outer_bd	Outer BD
bd	BD
bd	BD
traceroute	Trace Route
traceroute	Trace Route
dont_lrn	Don't Learn
dont_lrn	Don't Learn
span	Span
span	Span
alt_if_prof	Alternate IF Profile
alt_if_prof	Alternate IF Profile
ttl_bypass	TTL Bypass
ttl_bypass	TTL Bypass
src_is_tunl	Source is Tunnel
src_is_tunl	Source is Tunnel
dst_is_tunl	Destination is Tunnel
dst_is_tunl	Destination is Tunnel
l2_tunl	L2 Tunnel
l2_tunl	L2 Tunnel
sup_tx	Sup Tx
sup_tx	Sup Tx
sup_code	Sup Code
sup_code	Sup Code
cos_de	Cos De
cos_de	Cos De
tclass	Tclass
tclass	Tclass
src_is_peer	Source is Peer

src_is_peer	Source is Peer
pkt_hash	Packet Hash
pkt_hash	Packet Hash

Command Mode

- /exec/elamtah/insel8

set ieth

set ieth { sof <sof_val> | hdr_type <hdr_type> | ext_hd <ext_hd> | opcode <opcode> | src_idx <src_idx> | dst_idx <dst_idx> | src_chip <src_chip> | src_port <src_port> | dst_chip <dst_chip> | dst_port <dst_port> | outer_bd <outer_bd> | bd <bd> | traceroute <traceroute> | dont_lrn <dont_lrn> | span | alt_if_prof <alt_if_prof> | ttl_bypass <ttl_bypass> | src_is_tunl <src_is_tunl> | dst_is_tunl <dst_is_tunl> | l2_tunl <l2_tunl> | sup_tx <sup_tx> | sup_code <sup_code> | cos_de <cos_de> | tclass <tclass> | src_is_peer <src_is_peer> | pkt_hash <pkt_hash> } +

Syntax Description

set	Setup Trigger
ieth	All iETH Hdr Fields
sof	Start of Frame
sof_val	Start of Frame
hdr_type	Header Type
hdr_type	Header Type
ext_hd	Ext hd
ext_hd	Ext hd
opcode	Opcode
opcode	Opcode
src_idx	Source Index
src_idx	Source Index
dst_idx	Destination Index
dst_idx	Destination Index
src_chip	Source Chip
src_chip	Source Chip
src_port	Source Port
src_port	Source Port
dst_chip	Destination Chip
dst_chip	Destination Chip
dst_port	Destination Port
dst_port	Destination Port

outer_bd	Outer BD
outer_bd	Outer BD
bd	BD
bd	BD
traceroute	Trace Route
traceroute	Trace Route
dont_lrn	Don't Learn
dont_lrn	Don't Learn
span	Span
span	Span
alt_if_prof	Alternate IF Profile
alt_if_prof	Alternate IF Profile
ttl_bypass	TTL Bypass
ttl_bypass	TTL Bypass
src_is_tunl	Source is Tunnel
src_is_tunl	Source is Tunnel
dst_is_tunl	Destination is Tunnel
dst_is_tunl	Destination is Tunnel
l2_tunl	L2 Tunnel
l2_tunl	L2 Tunnel
sup_tx	Sup Tx
sup_tx	Sup Tx
sup_code	Sup Code
sup_code	Sup Code
cos_de	Cos De
cos_de	Cos De
tclass	Tclass
tclass	Tclass
src_is_peer	Source is Peer

src_is_peer	Source is Peer
pkt_hash	Packet Hash
pkt_hash	Packet Hash

Command Mode

- /exec/elamtah/insel10

set inner arp

set inner arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> | source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len> | protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
payload-len	ARP Payload Length

pyld_len	ARP Payload Length

Command Mode

- /exec/elamtah/insel7

set inner ipv4

set inner ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntfn
ecn_val	Explicit Congestion Ntfn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more-frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol
checksum	Checksum

csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/insel7

set inner ipv4

set { inner | outer } ipv4 [{ l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntfn
ecn_val	(Optional) Explicit Congestion Ntfn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset

ttl	(Optional) Time to Live
ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elamns/sel6

set inner ipv4

set inner ipv4 [{ l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntfn
ecn_val	(Optional) Explicit Congestion Ntfn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset
ttl	(Optional) Time to Live

ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elamns/sel4

set inner ipv6 src_ip

set inner ipv6 { src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel7

set inner l2

set inner l2 [{ snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid
vntag_pointer	(Optional) VNTAG Header Pointer Valid

vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elamns/sel4

set inner l2

set inner l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTag Information Valid
cntag_vld	CNTag Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid
vntag_pointer	VNTAG Header Pointer Valid

vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel7

set inner l2

set { inner | outer } l2 [{ snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid

vntag_pointer	(Optional) VNTAG Header Pointer Valid
vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elamns/sel5

set inner l2 hg2

set inner l2 hg2 [{ hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror> | hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid> | hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast <hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched
hg2_tc	(Optional) High Gig2 Packet Traffic Class

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elamns/sel4

set inner l2 hg2

set { inner | outer } l2 hg2 [{ hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror> | hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid> | hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast <hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elamns/sel5

set inner l4

set inner l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info> | tn-lsb-info <tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags> | nd-ip <nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> | nonce-dp <nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> | lsb-lb-metric <lsb_lb_metric> } +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info
tn-lsb-info	Lsb Info

tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag
lsb-lb-metric	Lsb LB Metric

lsb_lb_metric	Lsb LB Metric

Command Mode

- /exec/elamtah/insel7

set inner l4

set inner l4 [{ src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elamns/sel4

set inner l4

set { inner | outer } l4 [{ src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> }] +

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elamns/sel7

set interface

[no] set interface <iface>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
interface	Output interface
iface	Interface name

Command Mode

- /exec/configure/route-map

set interval find-new-host

[no] set interval find-new-host <val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set vmtracker options
interval	Set the polling interval
find-new-host	Set interval for the new host searching timer
val	The host search interval value in seconds (0 to disable)

Command Mode

- /exec/configure/vmt-conn

set interval pending-task-polling

[no] set interval pending-task-polling <val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set vmtracker options
interval	Set the polling interval
pending-task-polling	Define pending-task-polling interval
val	The pending task polling interval value in seconds

Command Mode

- /exec/configure/vmt-conn

set interval sync-full-info

[no] set interval sync-full-info <val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set vmtracker options
interval	Set the polling interval
sync-full-info	Set interval for syncing complete info from host
val	The sync info interval value in seconds (0 to disable)

Command Mode

- /exec/configure/vmt-conn

set ip address prefix-list

[no] set ip address prefix-list <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
address	Specify IP address
prefix-list	IP prefix-list
name	Name of prefix list

Command Mode

- /exec/configure/route-map

set ip default next-hop

[no] set ip default next-hop [recursive] { load-share | <addr1> + [load-share] }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
recursive	(Optional) Use recursive lookup
default	Set default next-hop
next-hop	Next hop address
addr1	IP address of next hop
load-share	Enables load sharing

Command Mode

- /exec/configure/route-map

set ip default next-hop verify-availability

[no] set ip default next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
default	Set default next-hop
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
addr	IP address of next hop
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ip next-hop

[no] set ip next-hop [recursive] { load-share | force-order | <addr1> + [load-share] [force-order] }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
recursive	(Optional) Use recursive lookup
next-hop	Next hop address
addr1	IP address of next hop
load-share	Enables load sharing
force-order	Maintains next-hop order as per cli config

Command Mode

- /exec/configure/route-map

set ip next-hop peer-address

[no] set ip next-hop peer-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
peer-address	Use peer address (for BGP only)

Command Mode

- /exec/configure/route-map

set ip next-hop redist-unchanged

[no] set ip next-hop redist-unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
redist-unchanged	Use unchanged address during redistribution (for BGP session only)

Command Mode

- /exec/configure/route-map

set ip next-hop unchanged

[no] set ip next-hop unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
unchanged	Use unchanged address (for eBGP session only)

Command Mode

- /exec/configure/route-map

set ip next-hop verify-availability

[no] set ip next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
addr	IP address of next hop
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ip precedence

{ set ip precedence { <value> | <name> } } | { no set ip precedence [<value> | <name>] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
precedence	Set precedence field
value	Precedence value
name	Precedence value

Command Mode

- /exec/configure/route-map

set ipv6 address prefix-list

[no] set ipv6 address prefix-list <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
address	Specify IP address
prefix-list	IPv6 prefix-list
name	Name of prefix list

Command Mode

- /exec/configure/route-map

set ipv6 default next-hop

[no] set ipv6 default next-hop [recursive] { load-share | <addr1> + [load-share] }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
recursive	(Optional) Use recursive lookup
default	Set default next-hop
next-hop	Next hop address
load-share	Enables load sharing
addr1	

Command Mode

- /exec/configure/route-map

set ipv6 default next-hop verify-availability

[no] set ipv6 default next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
default	Set default next-hop
verify-availability	Verify the reachability of the tracked object
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ipv6 next-hop

[no] set ipv6 next-hop { load-share | force-order | <addr> + [load-share] [force-order] }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop ipv6 address
load-share	Enables load sharing
force-order	Enables Next-hop ordering as per cli
addr	

Command Mode

- /exec/configure/route-map

set ipv6 next-hop peer-address

[no] set ipv6 next-hop peer-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
peer-address	Use peer address (for BGP only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop redist-unchanged

[no] set ipv6 next-hop redist-unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
redist-unchanged	Use unchanged address during redistribution (for BGP session only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop unchanged

[no] set ipv6 next-hop unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
unchanged	Use unchanged address (for eBGP session only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop verify-availability

[no] set ipv6 next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ipv6 precedence

{ set ipv6 precedence { <value> | <name> } } | { no set ipv6 precedence [<value> | <name>] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
precedence	Set precedence field
value	Precedence value
name	Precedence value

Command Mode

- /exec/configure/route-map

set label-index

{ { set label-index <value> } | { no set label-index [<value>] } }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
label-index	Set Segment Routing (SR) label index of route
value	Segment Routing (SR) label index

Command Mode

- /exec/configure/route-map

set level level-1 level-1-2 level-2

{ set level { level-1 | level-1-2 | level-2 } } | { no set level [level-1 | level-1-2 | level-2] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
level	Where to import route
level-1	Import into a level-1 area
level-1-2	Import into level-1 and level-2
level-2	Import into level-2 sub-domain

Command Mode

- /exec/configure/route-map

set local-preference

{ set local-preference <pref> | no set local-preference [<pref>] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
local-preference	BGP local preference path attribute
pref	Preference value

Command Mode

- /exec/configure/route-map

set metric

{ set metric <metric0> [<metric1> <metric2> <metric3> <metric4>] } | { no set metric [<metric0> [<metric1> <metric2> <metric3> <metric4>]] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
metric	Set metric for destination routing protocol
metric0	[+/-] Metric value or Bandwidth in Kbits per second
metric1	(Optional) IGRP delay metric
metric2	(Optional) IGRP reliability metric where 255 is 100% reliable
metric3	(Optional) IGRP Effective bandwidth metric (Loading) 255 is 100%
metric4	(Optional) IGRP MTU of the path

Command Mode

- /exec/configure/route-map

set mpls-exp-topmost cos table exp-cos-map

[no] set mpls-exp-topmost cos table exp-cos-map

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
mpls-exp-topmost	MPLS experimental topmost
cos	IEEE 802.1Q Class of Service
table	Table map
exp-cos-map	Exp to cos table map name (reserved)

Command Mode

- /exec/configure/policy-map/type/queuing/class

set nssa-only

[no] set nssa-only

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
nssa-only	OSPF NSSA Areas

Command Mode

- /exec/configure/route-map

set origin egp

{ set origin egp <as> } | { no set origin egp <as> }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
origin	BGP origin code
egp	remote EGP
as	AS number

Command Mode

- /exec/configure/route-map

set origin egp igp incomplete

{ set origin { egp | igp | incomplete } } | { no set origin [{ egp | igp | incomplete }] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
origin	BGP origin code
egp	remote EGP
igp	local IGP
incomplete	unknown heritage

Command Mode

- /exec/configure/route-map

set outer arp

set outer arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> | source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len> | protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
payload-len	ARP Payload Length

pyld_len	ARP Payload Length

Command Mode

- /exec/elamtah/insel6

set outer arp

set { outer | inner } arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> | source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len> | protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP

payload-len	ARP Payload Length
pyld_len	ARP Payload Length

Command Mode

- /exec/elamtah/insel9

set outer fcoe

set outer fcoe { pyld-len <pyld_len> | ether-type <etype> | esof <esof> | r_ctl <r_ctl> | d_id <d_id> | cs_ctl <cs_ctl> | s_id <s_id> | fc_type <fc_type> | f_ctl <f_ctl> | df_ctl <df_ctl> | ox_id <ox_id> | rx_id <rx_id> | pyld0 <pyld0> | pyld1 <pyld1> | pyld2 <pyld2> | pyld3 <pyld3> | vft_vld <vft_vld> | vft_type <vft_type> | vft_prio <vft_prio> | vft_vfid <vft_vfid> | vft_hopct <vft_hopct> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
fcoe	FCoE Fields
pyld-len	Payload Length
pyld_len	Payload Length
ether-type	FCoE Ether Type - 0x8906
etype	FCoE Ether Type - 0x8906
esof	ESOF
esof	ESOF Value
r_ctl	R_CTL
r_ctl	R_CTL value
d_id	D_ID
d_id	D_ID value
cs_ctl	CS_CTL
cs_ctl	CS_CTL value
s_id	S_ID
s_id	S_ID value
fc_type	FC_TYPE
fc_type	FC_TYPE value
f_ctl	F_CTL
f_ctl	F_CTL value
df_ctl	DF_CTL
df_ctl	DF_CTL value

ox_id	OxID
ox_id	OxID value
rx_id	RxID
rx_id	RxID value
pyld0	First 4 bytes of payload
pyld0	First 4 bytes of payload value
pyld1	Second 4 bytes of payload
pyld1	Second 4 bytes of payload value
pyld2	Third 4 bytes of payload
pyld2	Third 4 bytes of payload value
pyld3	Fourth 4 bytes of payload
pyld3	Fourth 4 bytes of payload value
vft_vld	VFT_VLD
vft_vld	VFT_VLD value
vft_type	VFT_TYPE
vft_type	VFT_TYPE value
vft_prio	VFT_PRIO
vft_prio	VFT_PRIO value
vft_vfid	VFT_VFID
vft_vfid	VFT_VFID value
vft_hopct	VFT_HOPCT
vft_hopct	VFT_HOPCT value

Command Mode

- /exec/elamtah/insel6

set outer ipv4

set outer ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntfn
ecn_val	Explicit Congestion Ntfn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more-frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol
checksum	Checksum

csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/insel6

set outer ipv4

set { outer | inner } ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntfn
ecn_val	Explicit Congestion Ntfn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more-frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol

checksum	Checksum
csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/insel9

set outer ipv4

set outer ipv4 [{ l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> }] +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntfn
ecn_val	(Optional) Explicit Congestion Ntfn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset
ttl	(Optional) Time to Live

ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elamns/sel3

set outer ipv6 src_ip

set outer ipv6 { src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel6

set outer ipv6 src_ip

set { outer | inner } ipv6 { src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel9

set outer l2

set { outer | inner } l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTag Information Valid
cntag_vld	CNTag Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid

vntag_pointer	VNTAG Header Pointer Valid
vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel8

set outer l2

set outer l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTag Information Valid
cntag_vld	CNTag Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid
vntag_pointer	VNTAG Header Pointer Valid

vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel6

set outer l2

set outer l2 [{ snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> | vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> }] +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid
vntag_pointer	(Optional) VNTAG Header Pointer Valid

vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elamns/sel3

set outer l2 hg2

set outer l2 hg2 [{ hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror> | hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid> | hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast <hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> }] +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched
hg2_tc	(Optional) High Gig2 Packet Traffic Class

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elamns/sel3

set outer l4

set outer l4 [{ src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> }] +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elamns/sel3

set outer l4

set outer l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info> | tn-lsb-info <tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags> | nd-ip <nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> | nonce-dp <nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> | lsb-lb-metric <lsb_lb_metric> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags 123
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info
tn-lsb-info	Lsb Info

tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag
lsb-lb-metric	Lsb LB Metric

lsb_lb_metric	Lsb LB Metric

Command Mode

- /exec/elamtah/insel6

set outer l4

set { outer | inner } l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info> | tn-lsb-info <tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags> | nd-ip <nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> | nonce-dp <nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> | lsb-lb-metric <lsb_lb_metric> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags 123
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info

tn-lsb-info	Lsb Info
tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag

lsb-lb-metric	Lsb LB Metric
lsb_lb_metric	Lsb LB Metric

Command Mode

- /exec/elamtah/insel10

set path-selection all advertise

[no] set path-selection all advertise

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
path-selection	Path selection criteria for BGP
all	Specifies all BGP Paths
advertise	Advertise add paths to its peers if receive capability enabled

Command Mode

- /exec/configure/route-map

set pktmgr pds yield-threshold

set pktmgr pds yield-threshold [<thr>]

Syntax Description

set	Set values
pktmgr	Set values in pktmgr
pds	Set value for pktmgr pds operation
yield-threshold	Set Value of yield-threshold
thr	(Optional) threshold

Command Mode

- /exec

set pktrw

set pktrw { spare <spare> | cap_access <cap_access> | bounce <bounce> | dst_vnic_if <dst_vnic_if> | src_vnic_if <src_vnic_if> | pif_block_type <pif_block_type> | epg_out <epg_out> | epg_in <epg_in> | sup_qnum <sup_qnum> | sup_code <sup_code> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi> | ttl_cio <ttl_cio> | qos_map_idx <qos_map_idx> | lat_update <lat_update> | lat_index <lat_index> | dclass <dclass> | sclass <sclass> | ol_fb_metric <ol_fb_metric> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath <ol_vpath> | ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark> | ol_udp_sp <ol_udp_sp> | ol_ecn <ol_ecn> | nat_idx <nat_idx> | nat_vld <nat_vld> | dst_addr1 <dst_addr1> | dst_addr0 <dst_addr0> | adj_vld <adj_vld> | encap_l2_idx <encap_l2_idx> | encap_pcid <encap_pcid> | encap_idx <encap_idx> | encap_vld <encap_vld> | my_pcid <my_pcid> | my_tep_idx <my_tep_idx> | fwd_op <fwd_op> | orig_encap_type <orig_encap_type> | pkt_type <pkt_type> | len_type <len_type> | cap_1588 <cap_1588> | pktid <pktid> | srcid <srcid> | tstmp <tstmp> | pktfmt1_inner <pktfmt1_inner> | pktfmt1_l3 <pktfmt1_l3> | pktfmt1_l3_type <pktfmt1_l3_type> | pktfmt1_mpls_null <pktfmt1_mpls_null> | pktfmt1_snap <pktfmt1_snap> | pktfmt1_cntag <pktfmt1_cntag> | pktfmt1_ttag <pktfmt1_ttag> | pktfmt1_cmd_dgt <pktfmt1_cmd_dgt> | pktfmt1_cmd_sgt <pktfmt1_cmd_sgt> | pktfmt1_cdce <pktfmt1_cdce> | pktfmt1_trill <pktfmt1_trill> | pktfmt1_qtag2 <pktfmt1_qtag2> | pktfmt1_qtag1 <pktfmt1_qtag1> | pktfmt1_qtag0 <pktfmt1_qtag0> | pktfmt1_ivntag <pktfmt1_ivntag> | pktfmt1_vntag <pktfmt1_vntag> | pktfmt1_ce <pktfmt1_ce> | pktfmt1_ieth <pktfmt1_ieth> | pktfmt1_higig2 <pktfmt1_higig2> | pktfmt0_inner <pktfmt0_inner> | pktfmt0_l3 <pktfmt0_l3> | pktfmt0_l3_type <pktfmt0_l3_type> | pktfmt0_mpls_null <pktfmt0_mpls_null> | pktfmt0_snap <pktfmt0_snap> | pktfmt0_cntag <pktfmt0_cntag> | pktfmt0_ttag <pktfmt0_ttag> | pktfmt0_cmd_dgt <pktfmt0_cmd_dgt> | pktfmt0_cmd_sgt <pktfmt0_cmd_sgt> | pktfmt0_cdce <pktfmt0_cdce> | pktfmt0_trill <pktfmt0_trill> | pktfmt0_qtag2 <pktfmt0_qtag2> | pktfmt0_qtag1 <pktfmt0_qtag1> | pktfmt0_qtag0 <pktfmt0_qtag0> | pktfmt0_ivntag <pktfmt0_ivntag> | pktfmt0_vntag <pktfmt0_vntag> | pktfmt0_ce <pktfmt0_ce> | pktfmt0_ieth <pktfmt0_ieth> | pktfmt0_higig2 <pktfmt0_higig2> } +

Syntax Description

set	Setup Trigger
pktrw	All pktrw fields
spare	Spare
spare	Spare
cap_access	Cap_Access
cap_access	Cap_Access
bounce	Bounce
bounce	Bounce
dst_vnic_if	Dst_Vnic_If
dst_vnic_if	Dst_Vnic_If
src_vnic_if	Src_Vnic_If
src_vnic_if	Src_Vnic_If

pif_block_type	Pif_Block_Type
pif_block_type	Pif_Block_Type
epg_out	Epg_Out
epg_out	Epg_Out
epg_in	Epg_In
epg_in	Epg_In
sup_qnum	Sup_Qnum
sup_qnum	Sup_Qnum
sup_code	Sup_Code
sup_code	Sup_Code
ecn_coi	Ecn_Coi
ecn_coi	Ecn_Coi
ecn_cio	Ecn_Cio
ecn_cio	Ecn_Cio
ttl_coi	Ttl_Coi
ttl_coi	Ttl_Coi
ttl_cio	Ttl_Cio
ttl_cio	Ttl_Cio
qos_map_idx	Qos_Map_Idx
qos_map_idx	Qos_Map_Idx
lat_update	Lat_Update
lat_update	Lat_Update
lat_index	Lat_Index
lat_index	Lat_Index
dclass	Dclass
dclass	Dclass
sclass	Sclass
sclass	Sclass
ol_fb_metric	Ol_Fb_Metric

ol_fb_metric	Ol_Fb_Metric
ol_fb_vpath	Ol_Fb_Vpath
ol_fb_vpath	Ol_Fb_Vpath
ol_dre	Ol_Dre
ol_dre	Ol_Dre
ol_vpath	Ol_Vpath
ol_vpath	Ol_Vpath
ol_dp	Ol_Dp
ol_dp	Ol_Dp
ol_sp	Ol_Sp
ol_sp	Ol_Sp
ol_e	Ol_E
ol_e	Ol_E
ol_dl	Ol_Dl
ol_dl	Ol_Dl
ol_lb	Ol_Lb
ol_lb	Ol_Lb
ol_mark	Ol_Mark
ol_mark	Ol_Mark
ol_udp_sp	Ol_Udp_Sp
ol_udp_sp	Ol_Udp_Sp
ol_ecn	Ol_Ecn
ol_ecn	Ol_Ecn
nat_idx	Nat_Idx
nat_idx	Nat_Idx
nat_vld	Nat_Vld
nat_vld	Nat_Vld
dst_addr1	Dst_Addr1
dst_addr1	Dst_Addr1

dst_addr0	Dst_Addr0
dst_addr0	Dst_Addr0
adj_vld	Adj_Vld
adj_vld	Adj_Vld
encap_l2_idx	Encap_L2_Idx
encap_l2_idx	Encap_L2_Idx
encap_pcid	Encap_Pcid
encap_pcid	Encap_Pcid
encap_idx	Encap_Idx
encap_idx	Encap_Idx
encap_vld	Encap_Vld
encap_vld	Encap_Vld
my_pcid	My_Pcid
my_pcid	My_Pcid
my_tep_idx	My_Tep_Idx
my_tep_idx	My_Tep_Idx
fwd_op	Fwd_Op
fwd_op	Fwd_Op
orig_encap_type	Orig_Encap_Type
orig_encap_type	Orig_Encap_Type
pkt_type	Pkt_Type
pkt_type	Pkt_Type
len_type	Len_Type
len_type	Len_Type
cap_1588	Cap_1588
cap_1588	Cap_1588
pktid	Pktid
pktid	Pktid
srcid	Srcid

srcid	Srcid
tstmp	Tstmp
tstmp	Tstmp
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag1	Pktfmt1_Qtag1
pktfmt1_qtag1	Pktfmt1_Qtag1

pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt

pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_higig2	Pktfmt0_Higig2
pktfmt0_higig2	Pktfmt0_Higig2

Command Mode

- /exec/elamtah/outsel1

set pktrw

set pktrw { spare <spare> | cap_access <cap_access> | bounce <bounce> | dst_vnic_if <dst_vnic_if> | src_vnic_if <src_vnic_if> | pif_block_type <pif_block_type> | epg_out <epg_out> | epg_in <epg_in> | sup_qnum <sup_qnum> | sup_code <sup_code> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi> | ttl_cio <ttl_cio> | qos_map_idx <qos_map_idx> | lat_update <lat_update> | lat_index <lat_index> | dclass <dclass> | sclass <sclass> | ol_fb_metric <ol_fb_metric> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath <ol_vpath> | ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark> | ol_udp_sp <ol_udp_sp> | ol_ecn <ol_ecn> | nat_idx <nat_idx> | nat_vld <nat_vld> | dst_addr1 <dst_addr1> | dst_addr0 <dst_addr0> | adj_vld <adj_vld> | encap_l2_idx <encap_l2_idx> | encap_pcid <encap_pcid> | encap_idx <encap_idx> | encap_vld <encap_vld> | my_pcid <my_pcid> | my_tep_idx <my_tep_idx> | fwd_op <fwd_op> | orig_encap_type <orig_encap_type> | pkt_type <pkt_type> | len_type <len_type> | cap_1588 <cap_1588> | pktid <pktid> | srcid <srcid> | tstmp <tstmp> | pktfmt1_inner <pktfmt1_inner> | pktfmt1_l3 <pktfmt1_l3> | pktfmt1_l3_type <pktfmt1_l3_type> | pktfmt1_mpls_null <pktfmt1_mpls_null> | pktfmt1_snap <pktfmt1_snap> | pktfmt1_cntag <pktfmt1_cntag> | pktfmt1_ttag <pktfmt1_ttag> | pktfmt1_cmd_dgt <pktfmt1_cmd_dgt> | pktfmt1_cmd_sgt <pktfmt1_cmd_sgt> | pktfmt1_cdce <pktfmt1_cdce> | pktfmt1_trill <pktfmt1_trill> | pktfmt1_qtag2 <pktfmt1_qtag2> | pktfmt1_qtag1 <pktfmt1_qtag1> | pktfmt1_qtag0 <pktfmt1_qtag0> | pktfmt1_ivntag <pktfmt1_ivntag> | pktfmt1_vntag <pktfmt1_vntag> | pktfmt1_ce <pktfmt1_ce> | pktfmt1_ieth <pktfmt1_ieth> | pktfmt1_higig2 <pktfmt1_higig2> | pktfmt0_inner <pktfmt0_inner> | pktfmt0_l3 <pktfmt0_l3> | pktfmt0_l3_type <pktfmt0_l3_type> | pktfmt0_mpls_null <pktfmt0_mpls_null> | pktfmt0_snap <pktfmt0_snap> | pktfmt0_cntag <pktfmt0_cntag> | pktfmt0_ttag <pktfmt0_ttag> | pktfmt0_cmd_dgt <pktfmt0_cmd_dgt> | pktfmt0_cmd_sgt <pktfmt0_cmd_sgt> | pktfmt0_cdce <pktfmt0_cdce> | pktfmt0_trill <pktfmt0_trill> | pktfmt0_qtag2 <pktfmt0_qtag2> | pktfmt0_qtag1 <pktfmt0_qtag1> | pktfmt0_qtag0 <pktfmt0_qtag0> | pktfmt0_ivntag <pktfmt0_ivntag> | pktfmt0_vntag <pktfmt0_vntag> | pktfmt0_ce <pktfmt0_ce> | pktfmt0_ieth <pktfmt0_ieth> | pktfmt0_higig2 <pktfmt0_higig2> } +

Syntax Description

set	Setup Trigger
pktrw	All pktrw fields
spare	Spare
spare	Spare
cap_access	Cap_Access
cap_access	Cap_Access
bounce	Bounce
bounce	Bounce
dst_vnic_if	Dst_Vnic_If
dst_vnic_if	Dst_Vnic_If
src_vnic_if	Src_Vnic_If
src_vnic_if	Src_Vnic_If

pif_block_type	Pif_Block_Type
pif_block_type	Pif_Block_Type
epg_out	Epg_Out
epg_out	Epg_Out
epg_in	Epg_In
epg_in	Epg_In
sup_qnum	Sup_Qnum
sup_qnum	Sup_Qnum
sup_code	Sup_Code
sup_code	Sup_Code
ecn_coi	Ecn_Coi
ecn_coi	Ecn_Coi
ecn_cio	Ecn_Cio
ecn_cio	Ecn_Cio
ttl_coi	Ttl_Coi
ttl_coi	Ttl_Coi
ttl_cio	Ttl_Cio
ttl_cio	Ttl_Cio
qos_map_idx	Qos_Map_Idx
qos_map_idx	Qos_Map_Idx
lat_update	Lat_Update
lat_update	Lat_Update
lat_index	Lat_Index
lat_index	Lat_Index
dclass	Dclass
dclass	Dclass
sclass	Sclass
sclass	Sclass
ol_fb_metric	Ol_Fb_Metric

ol_fb_metric	Ol_Fb_Metric
ol_fb_vpath	Ol_Fb_Vpath
ol_fb_vpath	Ol_Fb_Vpath
ol_dre	Ol_Dre
ol_dre	Ol_Dre
ol_vpath	Ol_Vpath
ol_vpath	Ol_Vpath
ol_dp	Ol_Dp
ol_dp	Ol_Dp
ol_sp	Ol_Sp
ol_sp	Ol_Sp
ol_e	Ol_E
ol_e	Ol_E
ol_dl	Ol_Dl
ol_dl	Ol_Dl
ol_lb	Ol_Lb
ol_lb	Ol_Lb
ol_mark	Ol_Mark
ol_mark	Ol_Mark
ol_udp_sp	Ol_Udp_Sp
ol_udp_sp	Ol_Udp_Sp
ol_ecn	Ol_Ecn
ol_ecn	Ol_Ecn
nat_idx	Nat_Idx
nat_idx	Nat_Idx
nat_vld	Nat_Vld
nat_vld	Nat_Vld
dst_addr1	Dst_Addr1
dst_addr1	Dst_Addr1

dst_addr0	Dst_Addr0
dst_addr0	Dst_Addr0
adj_vld	Adj_Vld
adj_vld	Adj_Vld
encap_l2_idx	Encap_L2_Idx
encap_l2_idx	Encap_L2_Idx
encap_pcid	Encap_Pcid
encap_pcid	Encap_Pcid
encap_idx	Encap_Idx
encap_idx	Encap_Idx
encap_vld	Encap_Vld
encap_vld	Encap_Vld
my_pcid	My_Pcid
my_pcid	My_Pcid
my_tep_idx	My_Tep_Idx
my_tep_idx	My_Tep_Idx
fwd_op	Fwd_Op
fwd_op	Fwd_Op
orig_encap_type	Orig_Encap_Type
orig_encap_type	Orig_Encap_Type
pkt_type	Pkt_Type
pkt_type	Pkt_Type
len_type	Len_Type
len_type	Len_Type
cap_1588	Cap_1588
cap_1588	Cap_1588
pktid	Pktid
pktid	Pktid
srcid	Srcid

srcid	Srcid
tstmp	Tstmp
tstmp	Tstmp
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag1	Pktfmt1_Qtag1
pktfmt1_qtag1	Pktfmt1_Qtag1

pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt

pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_higig2	Pktfmt0_Higig2
pktfmt0_higig2	Pktfmt0_Higig2

Command Mode

- /exec/elamtah/outsel0

set pktrw

set pktrw { mcast <mcast> | sup_redir <sured> | bcm_proxy <bcm_proxy> | excep_case <excep> | transit <trans> | vpc_df <vpc_df> | src_tep_idx <src_tep> | lat_update <lat_update> | lat_idx <lat_idx> | src_class <sclass> | ol_fb_met <ol_fb_met> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath <ol_vpath> | ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark> | ol_udp_sp <ol_udp_sp> | ol_ftag <ol_ftag> | ol_segid <ol_segid> | ol_ttl <ol_ttl> | ol_ecn <ol_ecn> | ol_dscp <ol_dscp> | ol_de <ol_de> | ol_cos <ol_cos> | ol_mac <ol_mac> | ol_encap_idx <ol_encap> | ol_vpc <ol_vpc> | ol_idx <ol_idx> | ttl <ttl> | dscp <dscp> | vlan1 <vlan1> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi> | ttl_cio <ttl_cio> | adj_idx <adj_idx> | vntag_svif <vntag_svif> | de <de> | cos <cos> | vlan0 <vlan0> | adj_vld <adj_vld> | uc_routed <uc_routed> | loopback <lpb> | ecn <ecn> | hg2_vid <hg2_vlan> | hg2_ppd <hg2_ppd> | hg2_tc_sup_copy <hg2_tcscpy> | hg2_tc <hg2_tc> | hg2_lbid <hg2_lbid> | hg2_opc <hg2_opc> | hg2_dstpid <hg2_dpid> | hg2_srcpid <hg2_spid> | hg2_dstmod <hg2_dmod> | hg2_srcmod <hg2_smod> | op_inner <op_inner> | op_qtag <op_qtag> | op_vntag <op_vntag> | op_outer <op_outer> | pkt_type <pkt_type> | drop <drp> | pkt_tstmp <pkt_tstmp> | tstmp <tstmp> | cap_tstmp <cap_tstmp> | len_info <len_info> | len_type <len_type> | pktid <pktid> | srcid <srcid> | pktfmt1 <pktfmt1> | pktfmt0 <pktfmt0> | hg2_cos <hg2_cos> } +

Syntax Description

set	Setup Trigger
pktrw	All packet re-write fields
mcast	mcast
mcast	Mcast
sup_redir	Sup Redirect
sured	Sup Redirect
bcm_proxy	Broadcom Proxy
bcm_proxy	Broadcom Proxy
excep_case	Excep_case
excep	Excep_case
transit	Transit
trans	Transit
vpc_df	VPC_df
vpc_df	VPC_df
src_tep_idx	Src TEP Index
src_tep	Src TEP Index
lat_update	Lat Update

lat_update	Lat Update
lat_idx	Lat Index
lat_idx	Lat Index
src_class	Source Class
sclass	Source Class
ol_fb_met	Ol_fb_metric
ol_fb_met	Ol_fb_metric
ol_fb_vpath	Ol_fb_vpath
ol_fb_vpath	Ol_fb_vpath
ol_dre	Ol_dre
ol_dre	Ol_dre
ol_vpath	Ol_vpath
ol_vpath	Ol_vpath
ol_dp	Ol_dp
ol_dp	Ol_dp
ol_sp	Ol_sp
ol_sp	Ol_sp
ol_e	Ol_e
ol_e	Ol_e
ol_dl	Ol_dl
ol_dl	Ol_dl
ol_lb	Ol_lb
ol_lb	Ol_lb
ol_mark	Ol_mark
ol_mark	Ol_mark
ol_udp_sp	Ol_UDP_sp
ol_udp_sp	Ol UDP Source Port
ol_ftag	Ol_ftag
ol_ftag	Ol_ftag

ol_segid	Ol_segid
ol_segid	Ol_segid
ol_ttl	Ol_TTL
ol_ttl	Ol_TTL
ol_ecn	Ol_ecn
ol_ecn	Ol_ecn
ol_dscp	Ol_dscp
ol_dscp	Ol_dscp
ol_de	Ol_de
ol_de	Ol_de
ol_cos	Ol_cos
ol_cos	Ol_cos
ol_mac	Ol_mac
ol_mac	Ol_mac
ol_encap_idx	Ol_encap_idx
ol_encap	Ol_encap_idx
ol_vpc	Ol_VPC
ol_vpc	Ol_VPC
ol_idx	Ol_idx
ol_idx	Ol_idx
ttl	TTL
ttl	TTL
dscp	DSCP
dscp	DSCP
vlan1	Vlan1
vlan1	Vlan1
ecn_coi	ecn_coi
ecn_coi	ecn_coi
ecn_cio	ecn_cio

ecn_cio	ecn_cio
ttl_coi	ttl_coi
ttl_coi	ttl_coi
ttl_cio	ttl_cio
ttl_cio	ttl_cio
adj_idx	adj_idx
adj_idx	adj_idx
vntag_svif	vntag_svif
vntag_svif	vntag_svif
de	de
de	de
cos	cos
cos	cos
vlan0	vlan0
vlan0	vlan0
adj_vld	adj_vld
adj_vld	adj_vld
uc_routed	uc_routed
uc_routed	uc_routed
loopback	loopback
lpb	loopback
ecn	ecn
ecn	ecn
hg2_vid	High Gig2 VLAN Tag
hg2_vlan	High Gig2 VLAN Tag Information
hg2_cos	High Gig2 CoS Information
hg2_cos	High Gig2 CoS Information
hg2_ppd	High Gig2 Packet Processing Descriptor
hg2_ppd	High Gig2 Packet Processing Descriptor

hg2_tc_sup_copy	High Gig2 Traffic Class SUP Copy
hg2_tcscpy	High Gig2 Traffic Class SUP Copy
hg2_tc	High Gig2 Packet Traffic Class
hg2_tc	High Gig2 Packet Traffic Class
hg2_lbid	High Gig2 Packet lbid
hg2_lbid	High Gig2 Packet lbid
hg2_opc	High Gig2 Packet Type
hg2_opc	High Gig2 Packet Type
hg2_dstpid	High Gig2 Destination Port ID
hg2_dpid	High Gig2 Destination Port ID
hg2_dstmod	High Gig2 Destination Module ID
hg2_dmod	High Gig2 Destination Module ID
hg2_srcpid	High Gig2 Source Port ID
hg2_spid	High Gig2 Source Port ID
hg2_srcmod	High Gig2 Souce Module ID
hg2_smod	High Gig2 Souce Module ID
op_inner	Op_inner
op_inner	Op_inner
op_outer	Op_outer
op_outer	Op_outer
op_qtag	Op_qtag
op_qtag	Op_qtag
op_vntag	Op_vntag
op_vntag	Op_vntag
pkt_type	Pkt_type
pkt_type	Pkt_type
drop	Drop
drp	Drop
pkt_tstmp	Packet timestamp

pkt_tstmp	Packet timestamp
tstmp	Timestamp
tstmp	Timestamp
cap_tstmp	Capture Timestamp
cap_tstmp	Capture Timestamp
len_info	Len_info
len_info	Len_info
len_type	Len_type
len_type	Len_type
pktid	Pkt_id
pktid	Pkt_id
srcid	Src_id
srcid	Src_id
pktfmt1	Pktfmt1
pktfmt1	Pktfmt1
pktfmt0	Pktfmt0
pktfmt0	Pktfmt0

Command Mode

- /exec/elamns/outsel0

set sb_info

set sb_info { oslice_vec <oslice_vec> | srvc_oslice_vec <srvc_oslice_vec> | is_tcp <is_tcp> | srvc_class <srvc_class> | cpu_oclass <cpu_oclass> | set_v <set_v> | set_idx <set_idx> | set_last <set_last> | bd <bd> | src_is_l3_if <src_is_l3_if> | src_is_vpc_peer <src_is_vpc_peer> | is_my_tep <is_my_tep> | src_sh_group <src_sh_group> | ftag <ftag> | rpf_fail <rpf_fail> | post_route_flood <post_route_flood> | pkt_hash <pkt_hash> | bpdu <bpdu> | met0_v <met0_v> | met0_idx <met0_idx> | met0_last <met0_last> | met1_v <met1_v> | met1_idx <met1_idx> | met1_last <met1_last> | ip_clen <ip_clen> | ip_clen <ip_clen> | sod_cap <sod_cap> | sod_en <sod_en> } +

Syntax Description

set	Setup Trigger
sb_info	All sb_info fields
oslice_vec	Oslice_Vec
oslice_vec	Oslice_Vec
srvc_oslice_vec	srvc_oslice_vec
srvc_oslice_vec	srvc_oslice_vec
is_tcp	is_tcp
is_tcp	is_tcp
srvc_class	srvc_class
srvc_class	srvc_class
cpu_oclass	cpu_oclass
cpu_oclass	cpu_oclass
set_v	set_v
set_v	set_v
set_idx	set_idx
set_idx	set_idx
set_last	set_last
set_last	set_last
bd	bd
bd	bd
src_is_l3_if	src_is_l3_if
src_is_l3_if	src_is_l3_if

src_is_vpc_peer	src_is_vpc_peer
src_is_vpc_peer	src_is_vpc_peer
is_my_tep	is_my_tep
is_my_tep	is_my_tep
src_sh_group	src_sh_group
src_sh_group	src_sh_group
ftag	ftag
ftag	ftag
rpf_fail	rpf_fail
rpf_fail	rpf_fail
post_route_flood	post_route_flood
post_route_flood	post_route_flood
pkt_hash	pkt_hash
pkt_hash	pkt_hash
bpdu	bpdu
bpdu	bpdu
met0_v	met0_v
met0_v	met0_v
met0_idx	met0_idx
met0_idx	met0_idx
met0_last	met0_last
met0_last	met0_last
met1_v	met1_v
met1_v	met1_v
met1_idx	met1_idx
met1_idx	met1_idx
met1_last	met1_last
met1_last	met1_last
ip_clen	ip_clen

ip_clen	ip_clen
sod_cap	sod_cap
sod_cap	sod_cap
sod_en	sod_en
sod_en	sod_en

Command Mode

- /exec/elamtah/outsel0

set sb_info

set sb_info { oslice_vec <oslice_vec> | srvc_oslice_vec <srvc_oslice_vec> | is_tcp <is_tcp> | srvc_class <srvc_class> | cpu_oclass <cpu_oclass> | set_v <set_v> | set_idx <set_idx> | set_last <set_last> | bd <bd> | src_is_l3_if <src_is_l3_if> | src_is_vpc_peer <src_is_vpc_peer> | is_my_tep <is_my_tep> | src_sh_group <src_sh_group> | ftag <ftag> | rpf_fail <rpf_fail> | post_route_flood <post_route_flood> | pkt_hash <pkt_hash> | bpdu <bpdu> | met0_v <met0_v> | met0_idx <met0_idx> | met0_last <met0_last> | met1_v <met1_v> | met1_idx <met1_idx> | met1_last <met1_last> | ip_clen <ip_clen> | ip_clen <ip_clen> | sod_cap <sod_cap> | sod_en <sod_en> } +

Syntax Description

set	Setup Trigger
sb_info	All sb_info fields
oslice_vec	Oslice_Vec
oslice_vec	Oslice_Vec
srvc_oslice_vec	srvc_oslice_vec
srvc_oslice_vec	srvc_oslice_vec
is_tcp	is_tcp
is_tcp	is_tcp
srvc_class	srvc_class
srvc_class	srvc_class
cpu_oclass	cpu_oclass
cpu_oclass	cpu_oclass
set_v	set_v
set_v	set_v
set_idx	set_idx
set_idx	set_idx
set_last	set_last
set_last	set_last
bd	bd
bd	bd
src_is_l3_if	src_is_l3_if
src_is_l3_if	src_is_l3_if

src_is_vpc_peer	src_is_vpc_peer
src_is_vpc_peer	src_is_vpc_peer
is_my_tep	is_my_tep
is_my_tep	is_my_tep
src_sh_group	src_sh_group
src_sh_group	src_sh_group
ftag	ftag
ftag	ftag
rpf_fail	rpf_fail
rpf_fail	rpf_fail
post_route_flood	post_route_flood
post_route_flood	post_route_flood
pkt_hash	pkt_hash
pkt_hash	pkt_hash
bpdu	bpdu
bpdu	bpdu
met0_v	met0_v
met0_v	met0_v
met0_idx	met0_idx
met0_idx	met0_idx
met0_last	met0_last
met0_last	met0_last
met1_v	met1_v
met1_v	met1_v
met1_idx	met1_idx
met1_idx	met1_idx
met1_last	met1_last
met1_last	met1_last
ip_clen	ip_clen

ip_clen	ip_clen
sod_cap	sod_cap
sod_cap	sod_cap
sod_en	sod_en
sod_en	sod_en

Command Mode

- /exec/elamtah/outsel2

set sideband

set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> | oclass <oclass> | opcode <opcode> | ecncapable <ecncapable> | nodrop <nodrop> | storefwd <storefwd> | spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color> | bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
ecncapable	Ecncapable
ecncapable	Ecncapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsel1

set sideband

set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> | oclass <oclass> | opcode <opcode> | ecncapable <ecncapable> | nodrop <nodrop> | storefwd <storefwd> | spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color> | bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
ecncapable	Ecncapable
ecncapable	Ecncapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsel0

set sideband

set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> | oclass <oclass> | opcode <opcode> | ecncapable <ecncapable> | nodrop <nodrop> | storefwd <storefwd> | spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color> | bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
ecncapable	Ecncapable
ecncapable	Ecncapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsel2

set sideband

set sideband { span_vec <span_vec> | bounce <bnc> | mclast <mclast> | mcastcurptr <mccurptr> | mcastcurptr_v <mccurptr_v> | srcport <sport> | vlan <vlan> | segwgt <segwgt> | segid <segid> | seglocal <seglcl> | gbw_color <gbw_color> | gbw_tag <gbw_tagg> | fwddrp <fwddrp> | l2fld <l2fld> | nodrp <nodrp> | ovrlyidx <ovrlyidx> | ecncap <ecncap> | cpu <cpu> | store_fwd <stfwd> | mcast <mcast> | oclass <ocls> | iclass <icls> | odest_v <odest_v> | odest <odest> | ovec <ovec> | span_trans <span_trans> | lbtype <lbtype> | lbena <lbena> | tdmid <tdmid> | pktid <pktid> | srcid <srcid> | eoferror <eoferr> | eofbytes <eofby> | eof <eof> | sof <sof> } +

Syntax Description

set	Setup Trigger
sideband	All sideband fields
span_vec	SPAN vector
span_vec	SPAN vector
bounce	Bounce
bnc	Bounce
mclast	Mclast
mclast	Mclast
mcastcurptr	Mcast cur ptr
mccurptr	Mcast cur ptr
mcastcurptr_v	Mcast cur ptr v
mccurptr_v	Mcast cur ptr v
srcport	Source Port
sport	Source Port
vlan	Vlan
vlan	Vlan
segwgt	Segwgt
segwgt	Segwgt
segid	Segid
segid	Segid
seglocal	Seglocal
seglcl	Seglocal

gbw_color	GBW color
gbw_color	GBW color
gbw_tag	GBW tagged
gbw_tagg	GBW tagged
fwddrp	Forward drop
fwddrp	Forward drop
l2fld	L2 Flood
l2fld	L2 Flood
nodrp	No drop
nodrp	No drop
ovrlyidx	Overlay index
ovrlyidx	Overlay index
ecncap	ECN Capable
ecncap	ECN Capable
cpu	CPU
cpu	CPU
store_fwd	Store_fwd
stfwd	Store_fwd
mcast	Multicast
mcast	Multicast
oclass	Output class
ocls	Output class
iclass	Input class
icls	Input class
odest_v	Odest_v
odest_v	Odest_v
odest	Odest
odest	Odest
ovec	Ovector

ovec	Ovector
span_trans	SPAN transit
span_trans	SPAN transit
lbtype	Lbtype
lbtype	Lbtype
lbena	Lbenable
lbena	Lbenable
tdmid	Tdmid
tdmid	Tdmid
pktid	Pkt_id
pktid	Pkt_id
srcid	Src_id
srcid	Src_id
eoferror	EOF error
eoferr	EOF erro
eofbytes	EOF bytes
eofby	EOF bytes
eof	EOF
eof	EOF
sof	SOF
sof	SOF

Command Mode

- /exec/elamns/outsel5

set stats

set stats { vld0 <vld0> | atomic0 <atomic0> | mode0 <mode0> | index0 <index0> | vld1 <vld1> | atomic1 <atomic1> | mode1 <mode1> | index1 <index1> | vld2 <vld2> | atomic2 <atomic2> | mode2 <mode2> | index2 <index2> | vld3 <vld3> | atomic3 <atomic3> | mode3 <mode3> | index3 <index3> | vld4 <vld4> | atomic4 <atomic4> | mode4 <mode4> | index4 <index4> | vld5 <vld5> | atomic5 <atomic5> | mode5 <mode5> | index5 <index5> | vld6 <vld6> | atomic6 <atomic6> | mode6 <mode6> | index6 <index6> | vld7 <vld7> | atomic7 <atomic7> | mode7 <mode7> | index7 <index7> } +

Syntax Description

set	Setup Trigger
stats	All stats fields
vld0	Vld0
vld0	Vld0
atomic0	Atomic0
atomic0	Atomic0
mode0	Mode0
mode0	Mode0
index0	Index0
index0	Index0
vld1	Vld1
vld1	Vld1
atomic1	Atomic1
atomic1	Atomic1
mode1	Mode1
mode1	Mode1
index1	Index1
index1	Index1
vld2	Vld2
vld2	Vld2
atomic2	Atomic2
atomic2	Atomic2

mode2	Mode2
mode2	Mode2
index2	Index2
index2	Index2
vld3	Vld3
vld3	Vld3
atomic3	Atomic3
atomic3	Atomic3
mode3	Mode3
mode3	Mode3
index3	Index3
index3	Index3
vld4	Vld4
vld4	Vld4
atomic4	Atomic4
atomic4	Atomic4
mode4	Mode4
mode4	Mode4
index4	Index4
index4	Index4
vld5	Vld5
vld5	Vld5
atomic5	Atomic5
atomic5	Atomic5
mode5	Mode5
mode5	Mode5
index5	Index5
index5	Index5
vld6	Vld6

vld6	Vld6
atomic6	Atomic6
atomic6	Atomic6
mode6	Mode6
mode6	Mode6
index6	Index6
index6	Index6
vld7	Vld7
vld7	Vld7
atomic7	Atomic7
atomic7	Atomic7
mode7	Mode7
mode7	Mode7
index7	Index7
index7	Index7

Command Mode

- /exec/elamtah/outsel2

set tag

{ { set tag <value> } | { no set tag [<value>] } }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
tag	Tag value for destination routing protocol
value	Tag value

Command Mode

- /exec/configure/route-map

set weight

{ set weight <count> | no set weight [<count>] }

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
weight	BGP weight for routing table
count	Weight value

Command Mode

- /exec/configure/route-map

setup

setup

Syntax Description

setup	Run the basic SETUP command facility

Command Mode

- /exec

sflow

[no] sflow { sampling-rate | max-sampled-size | counter-poll-interval | max-datagram-size | collector-ip | collector-port | agent-ip }

Syntax Description

no	Negate a command or set its defaults
sflow	change sFlow global settings
sampling-rate	sFlow Sampling Rate
max-sampled-size	sFlow Sampled Size
counter-poll-interval	sFlow Counter Poll Interval
max-datagram-size	sFlow Datagram Size
collector-ip	sFlow Collector IP address
collector-port	sFlow Collector UDP port
agent-ip	sFlow Agent IP address

Command Mode

- /exec/configure

sflow

sflow { [sampling-rate <rate>] | [max-sampled-size <pkt-size>] | [counter-poll-interval <interval>] | [max-datagram-size <dgram-size>] | [collector-ip <dst-ip> vrf { <vrf-name> | <vrf-known-name> } [source <src-ip>]] | [collector-port <dst-port>] | [agent-ip <agent-ip>] }

Syntax Description

sflow	change sFlow global settings
sampling-rate	(Optional) sFlow Sampling Rate
rate	(Optional) sFlow Sampling rate
max-sampled-size	(Optional) sFlow Sampled Size
pkt-size	(Optional) sFlow Sampled Size
counter-poll-interval	(Optional) sFlow Counter Poll Interval
interval	(Optional) sFlow Counter Poll Interval
max-datagram-size	(Optional) sFlow Datagram Size
dgram-size	(Optional) sFlow Datagram Size
collector-ip	(Optional) sFlow Collector IP address
dst-ip	(Optional) sFlow Collector IP address
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
source	(Optional) Source IP address to send to sFlow Collector
src-ip	(Optional) Source IP address to send to sFlow Collector
collector-port	(Optional) sFlow Collector UDP port
dst-port	(Optional) sFlow Collector UDP port
agent-ip	(Optional) sFlow Agent IP address
agent-ip	(Optional) sFlow Agent IP address

Command Mode

- /exec/configure

sflow cpu-usage limit

sflow cpu-usage limit <percent>

Syntax Description

sflow	change sFlow global settings
cpu-usage	sFlow cpu usage setting
limit	sFlow cpu usage limit
percent	sFlow cpu usage limit percentage

Command Mode

- /exec/configure

sflow data-source interface

sflow data-source interface { <ifnum> | <pcifnum> }

Syntax Description

sflow	change sFlow global settings
data-source	sFlow Data Source
interface	sFlow Data Source Interface
ifnum	sFlow Data Source Interface
pcifnum	sFlow Data Source Interface

Command Mode

- /exec/configure

sflow data-source interface

[no] sflow data-source interface { <ifnum> | <pcifnum> }

Syntax Description

no	Negate a command or set its defaults
sflow	change sFlow global settings
data-source	sFlow Data Source
interface	sFlow Data Source Interface
ifnum	sFlow Data Source Interface
pcifnum	sFlow Data Source Interface

Command Mode

- /exec/configure

sflow extended switch

[no] sflow extended switch

Syntax Description

no	(Optional) Negate a command or set its defaults
sflow	change sFlow global settings
extended	sFlow extended flow records
switch	sFlow extended switch flow

Command Mode

- /exec/configure

shape

[no] shape { { { [average] { <avg-rate> [bps | kbps | mbps | gbps] | percent <percentage> } } | { min { <min-rate> [bps2 | kbps2 | mbps2 | gbps2 | pps2] | percent2 <percentage2> } max { <max-rate> [bps3 | kbps3 | mbps3 | gbps3 | pps3] | percent3 <percentage3> } } } | { { kbps4 | pps4 } { <max-rate4> [min2 <min-rate4>] } } }

Syntax Description

no	(Optional) Negate a command or set its defaults
shape	shape
average	(Optional) Configure average shape rate
min	Configure minimum shape rate
max	Configure maximum shape rate
bps	(Optional) Bits per second
kbps	(Optional) Kilo bits per second
mbps	(Optional) Mega bits per second
gbps	(Optional) Giga bits per second
bps2	(Optional) Bits per second
kbps2	(Optional) Kilo Bits per second
mbps2	(Optional) Mega Bits per second
gbps2	(Optional) Giga Bits per second
pps2	(Optional) Packets per second
bps3	(Optional) Bits per second
kbps3	(Optional) Kilo Bits per second
mbps3	(Optional) Mega Bits per second
gbps3	(Optional) Giga Bits per second
pps3	(Optional) Packets per second
percent	Specify rate as percentage of interface data-rate
percent2	Specify rate as percentage of interface data-rate
percent3	Specify rate as percentage of interface data-rate
percentage	Percentage

percentage2	Percentage
percentage3	Percentage
kbps4	Kilo Bits per second
pps4	Packets per second
min2	(Optional) Min guaranteed bandwidth

Command Mode

- /exec/configure/policy-map/type/queuing/class

shared-secret

[no] shared-secret { 10 <clear> | 7 <encrypted> | <secret> } [user <user> password { 0 <clear> | 7 <encrypted> | <password> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
shared-secret	Shared-secret
secret	Enter shared-secret in clear text
10	password in clear text
clear	Password in clear text
7	Password that follows should be in encrypted text
encrypted	Encrypted password
user	(Optional) User Name
user	(Optional) Enter user name
password	(Optional) Password
password	(Optional) Enter password in clear text
0	(Optional) Password that follows should be in clear text
clear	(Optional) Password in clear text
7	(Optional) Password that follows should be in encrypted text
encrypted	(Optional) Encrypted password

Command Mode

- /exec/configure/fabric-db/server-radius

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Change the admin status of the bundle

Command Mode

- /exec/configure/anycast

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown MPLS Traffic Engineering

Command Mode

- /exec/configure/te

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Disable current explicit-path

Command Mode

- /exec/configure/te/expl-path

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown the CBTS member LSP

Command Mode

- /exec/configure/tunnel-te/cbts-member

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Administratively shutdown BGP protocol

Command Mode

- /exec/configure/router-bgp

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Administratively shutdown this BMP server

Command Mode

- /exec/configure/router-bgp/router-bgp-bmp-server

shutdown

[no | default] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
shutdown	Administratively shutdown this neighbor

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-mgmt-ether

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-ethernet /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel /exec/configure/if-eth-port-channel /exec/configure/if-ethernet-all /exec/configure/if-ethernet-p2p /exec/configure/if-remote-ethernet-sub /exec/configure/if-ether-sub /exec/configure/if-ether-sub-p2p /exec/configure/if-port-channel-sub

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-nve

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-loopback

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-cpp /exec/configure/if-fv /exec/configure/if-fa /exec/configure/if-svc /exec/configure/if-fc-tunnel /exec/configure/if-sme /exec/configure/if-ioa /exec/configure/if-overlay /exec/configure/if-te

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-gig-ether /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-vsan /exec/configure/if-iscsi /exec/configure/if-fcip /exec/configure/if-sme /exec/configure/if-ioa /exec/configure/if-san-port-channel

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-vlan-common

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown Segment Routing

Command Mode

- /exec/configure/config-sr-mpls

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown the OSPF protocol instance

Command Mode

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

shutdown

[no] shutdown

Syntax Description

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

Command Mode

- /exec/configure/catena /exec/configure/catena

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Disable MPLS forwarding for IP

Command Mode

- /exec/configure/ldp

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown tunnel interface(s)

Command Mode

- /exec/configure/if-any-tunnel

shutdown

[no] shutdown

Syntax Description

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

Command Mode

- /exec/configure/itd /exec/configure/itd-inout

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down VRRPv3

Command Mode

- /exec/configure/vrrpv3

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down the group

Command Mode

- /exec/configure/if-eth-any/vrrpv3

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down the pathway

Command Mode

- /exec/configure/if-eth-any/vrrs

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable or disable a VR

Command Mode

- /exec/configure/if-eth-any/vrrp

shutdown

[no] shutdown

Syntax Description

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

Command Mode

- /exec/configure/smartc /exec/configure/smartc

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	OpenFlow switch shutdown

Command Mode

- /exec/configure/openflow/switch

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	OpenFlow switch shutdown

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	shutdown the OSPF protocol instance

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown current VRF

Command Mode

- /exec/configure/vrf

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this IS-IS process

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this instance of RIP

Command Mode

- /exec/configure/router-rip /exec/configure/router-rip/router-rip-vrf

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown PLB service

Command Mode

- /exec/configure/plb /exec/configure/plb-inout

shutdown

shutdown | no shutdown

Syntax Description

no	Negate a command or set its defaults
shutdown	suspend vPC locally

Command Mode

- /exec/configure/vpc-domain

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this instance of EIGRP

Command Mode

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

shutdown force

[no] shutdown force

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	Enable/disable an interface

Command Mode

- /exec/configure/if-mgmt-ether

shutdown lan

[no] shutdown lan

Syntax Description

no	Negate a command or set its defaults
shutdown	Enable/disable an interface
lan	Shut all LAN VLANs on interface

Command Mode

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

shutdown lan

shutdown lan

Syntax Description

shutdown	Enable/disable an interface
lan	Shut all LAN VLANs on interface

Command Mode

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

signalling advertise explicit-null

[no] signalling advertise explicit-null | signalling advertise explicit-null [<acl>]

Syntax Description

no	Negate a command or set its defaults
signalling	Traffic Engineering Signalling Parameters
advertise	Signalling advertisement parameters
explicit-null	Advertise explicit-null label in signalling messages
acl	(Optional) Access list

Command Mode

- /exec/configure/te

signalling client batch-time

[no] signalling client batch-time <msec>

Syntax Description

signalling	Configure RSVP Signalling information
client	Client information
batch-time	Time interval between batched messages to client
msec	Batch-time msec [use 0 to disble, else minimum timer value is 20 msec]

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart

[no] signalling hello graceful-restart

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart refresh interval

[no] signalling hello graceful-restart refresh interval <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
refresh	Configure RSVP Hello refresh behavior for Graceful Restart
interval	Time between sending Hello Requests for Graceful Restart
value	Hello interval in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart refresh misses

[no] signalling hello graceful-restart refresh misses <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
refresh	Configure RSVP Hello refresh behavior for Graceful Restart
misses	Number of Hello misses for Graceful Restart
value	Number of missed Hello Acks which triggers neighbor down

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart send recovery-time

[no] signalling hello graceful-restart send recovery-time <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
send	Configure the restart-time in outgoing Hello msgs
recovery-time	Configure the recovery-time in outgoing GR Hello msgs
value	recovery-time in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart send restart-time

[no] signalling hello graceful-restart send restart-time <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
send	Configure the restart-time in outgoing Hello msgs
restart-time	Configure the restart-time in outgoing GR Hello msgs
value	restart-time in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello reroute

[no] signalling hello reroute

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
reroute	RSVP Reroute commands

Command Mode

- /exec/configure/ip-rsvp

signalling initial-retransmit-delay

[no] signalling initial-retransmit-delay <msec>

Syntax Description

signalling	Configure RSVP Signalling information
initial-retransmit-delay	RSVP Initial retransmit delay
msec	Initial retransmit delay in millisec

Command Mode

- /exec/configure/ip-rsvp

signalling patherr state-removal

[no] signalling patherr state-removal

Syntax Description

signalling	Configure RSVP Signalling information
patherr	Configure Path-Error processing
state-removal	Setup automatic removal of path-state

Command Mode

- /exec/configure/ip-rsvp

signalling rate-limit

[no] signalling rate-limit { [interval <msec>] [limit <messages>] } | { [limit <messages>] [interval <msec>] }

Syntax Description

signalling	Configure RSVP Signalling information
rate-limit	Configure rate-limiting
interval	(Optional) Configure scheduling interval
msec	(Optional) Interval in millisec
limit	(Optional) Configure message limit per scheduling interval
messages	(Optional) Message limit value

Command Mode

- /exec/configure/ip-rsvp

signalling refresh interval

[no] signalling refresh interval <seconds>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
interval	Set signaling refresh interval
seconds	Signaling refresh interval in seconds

Command Mode

- /exec/configure/ip-rsvp

signalling refresh misses

[no] signalling refresh misses <value>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
misses	Set refresh misses tolerated before expiring a state
value	Refresh miss value

Command Mode

- /exec/configure/ip-rsvp

signalling refresh pace

[no] signalling refresh pace

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
pace	Pace sending of refresh messages

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction

[no] signalling refresh reduction

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction ack-delay

[no] signalling refresh reduction ack-delay <msec>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
ack-delay	Set delay for sending ACK messages
msec	ACK delay value in millisec

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction bundle-max-size

[no] signalling refresh reduction bundle-max-size <value>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
bundle-max-size	Set bundle-maximum-size
value	Bundle size in bytes, use zero to disable bundling

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction bundle-transmit-time

[no] signalling refresh reduction bundle-transmit-time <msec>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
bundle-transmit-time	Set bundle-transmit-time
msec	Bundle transmit time value in msec

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction rapid-retransmit

[no] signalling refresh reduction rapid-retransmit

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
rapid-retransmit	Rapid-retransmit of RSVP messages

Command Mode

- /exec/configure/ip-rsvp

signing level

{ [no] signing level { none | cisco | unsigned } | no signing level }

Syntax Description

no	(Optional) Negate a command or set its defaults
signing	Virtual service package signing settings
level	Package signing level allowed for virtual service installation
none	Most restrictive, don't allow package installation
cisco	Allow only Cisco signed packages
unsigned	Least restrictive, allow unsigned and all signing methods

Command Mode

- /exec/configure/virt-serv-global

site-id

{ site-id <s0> | no site-id }

Syntax Description

no	Negate a command or set its defaults
site-id	site id of the network where switch is deployed
s0	Provide site id

Command Mode

- /exec/configure/callhome

site-of-origin

{ site-of-origin { <ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> } } | { no site-of-origin [{ <ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> }] }

Syntax Description

no	Negate a command or set its defaults
site-of-origin	Site of Origin
ext-comm-soo-aa2nn4	Extcommunity number
ext-comm-soo-aa4nn2	Extcommunity number

Command Mode

- /exec/configure/if-igp /exec/configure/if-mgmt-ether

slave ipv4

[no] slave ipv4 <ip>

Syntax Description

no	(Optional) Negate a command or set its defaults
slave	slave
ipv4	ipv4
ip	IPv4 address (A.B.C.D) of slave

Command Mode

- /exec/configure/ptp-ucast-master

sleep

sleep <i0>

Syntax Description

sleep	Sleep for the specified number of seconds
i0	Enter the number of seconds to sleep

Command Mode

- /exec

sleep instance

[no] sleep instance <inst> [<i0>] | sleep instance <inst> <i0>

Syntax Description

no	Negate a command or set its defaults
sleep	Sleep for the specified number of seconds
instance	Label with an instance number
inst	Instance number
i0	(Optional) Enter the number of seconds to sleep

Command Mode

- /exec/configure

slot

slot <module> { quoted <quoted-cmd> | <cmd> }

Syntax Description

slot	run commands on specific linecard (or set slot for commands that take optional slot number)
module	the slot number (aka module number)
quoted	enter the command with quotes -> pipe redirection and semi-colon are local
quoted-cmd	the command(s) to run on lc separated by <space> <semi-colon> <space>
cmd	the command(s) to run on lc separated by <space> <semi-colon> <space>

Command Mode

- /exec

slot

slot <module>

Syntax Description

slot	Configure a slot
module	the slot number (aka module number)

Command Mode

- /exec/configure

smart-channel

{ smart-channel <service-name> } | { no smart-channel <service-name> }

Syntax Description

no	Negate a command or set its defaults
smart-channel	L2 service
service-name	L2 service-name

Command Mode

- /exec/configure

smart-channel port-group

{ smart-channel port-group <svc-name> } | { no smart-channel port-group <svc-name> }

Syntax Description

no	Negate a command or set its defaults
smart-channel	service
port-group	port group
svc-name	service-name

Command Mode

- /exec/configure

smtp-host smtp-port reply-to from

{ smtp-host { <ipv4> | <ipv6> | <host> } [smtp-port <port>] | smtp-port <port> | reply-to <reply> | from <from> |

Syntax Description

}	
smtp-host	SMTP server host
ipv4	IPV4 address
host	DNS name
smtp-port	(Optional) SMTP server port
port	(Optional) Port for SMTP server
reply-to	Reply to email address
reply	Provide reply-to email address
from	From email address
from	Provide from email address

Command Mode

- /exec/configure/email

snapshot create

snapshot create <snapshot-name> <snapshot-description>

Syntax Description

snapshot	Create/Delete a snapshot
create	Create a snapshot of running state of selected features
snapshot-name	Name of a snapshot
snapshot-description	Description of a snapshot

Command Mode

- /exec

snapshot delete

snapshot delete <snapshot-name>

Syntax Description

snapshot	Create/Delete a snapshot
delete	Delete a single snapshot or all snapshots
snapshot-name	Name of a snapshot

Command Mode

- /exec

snapshot delete ALL

snapshot delete ALL

Syntax Description

snapshot	Create/Delete a snapshot
delete	Delete a single snapshot or all snapshots
ALL	Delete all snapshots present on the switch

Command Mode

- /exec

snapshot section add

snapshot section add <name> <command> <row-id> <key1> [<key2>]

Syntax Description

snapshot	Create/Delete a snapshot
section	Add/Delete a snapshot section
add	Add a snapshot section
name	Name of a section
command	show' command to generate XML output
row-id	tag of each row entry of the 'show' XML output
key1	first key to distinguish among row entries with
key2	(Optional) second key to distinguish among row entries with

Command Mode

- /exec

snapshot section delete

snapshot section delete <name>

Syntax Description

snapshot	Create/Delete a snapshot
section	Add/Delete a snapshot section
delete	Delete a snapshot section
name	Name of a section

Command Mode

- /exec

snmp-server aaa-user cache-timeout

[no] snmp-server aaa-user cache-timeout <timeout>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
aaa-user	set duration for which aaa-cached snmp user exists
cache-timeout	timeout for AAA cache
timeout	timeout for which aaa-cached user exists(in secs)

Command Mode

- /exec/configure

snmp-server community

[no] snmp-server community <s0> [{ group <s1> | ro | rw }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
community	set community string and access privs
s0	SNMP community string
group	(Optional) Group to which the community belongs
s1	(Optional) Group to which the community belongs
ro	(Optional) Read-only access with this community string
rw	(Optional) Read-write access with this community string

Command Mode

- /exec/configure

snmp-server community

{ no snmp-server community <community_name> { use-ipv4acl [<ipv4_acl_name>] use-ipv6acl [<ipv6_acl_name>] | use-ipv4acl [<ipv4_acl_name>] | use-ipv6acl [<ipv6_acl_name>] } | snmp-server community <community_name> { use-ipv4acl <ipv4_acl_name> use-ipv6acl <ipv6_acl_name> | use-ipv4acl <ipv4_acl_name> | use-ipv6acl <ipv6_acl_name> } }

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
community	set community string and access privs
community_name	SNMP community string
use-ipv4acl	Specify IPv4 ACL, the ACL name specified after must be IPv4 ACL.
ipv4_acl_name	(Optional) IPv4 ACL name to filter snmp requests
use-ipv6acl	Specify IPv6 ACL, the ACL name specified after must be IPv6 ACL.
ipv6_acl_name	(Optional) IPv6 ACL name to filter snmp requests

Command Mode

- /exec/configure

snmp-server community use-acl

[no] snmp-server community <community_name> use-acl <acl_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
community	set community string and access privs
community_name	SNMP community string
use-acl	acl name to filter snmp requests
acl_name	acl name to filter snmp requests

Command Mode

- /exec/configure

snmp-server contact

[no] snmp-server contact [<line>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
contact	modify sysContact
line	(Optional) modify sysContact

Command Mode

- /exec/configure

snmp-server context

[no] snmp-server context <context_name> [instance <instance-name>] [vrf { <vrf-name> | <vrf-known-name> }] [topology <topology-name>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
context	SNMP context to be mapped
context_name	name of the SNMP context
instance	(Optional) Protocol instance associated with the SNMP context
instance-name	(Optional) Name of the protocol instance
vrf	(Optional) VRF associated with the SNMP context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
topology	(Optional) Topology associated with the SNMP context
topology-name	(Optional) name of the Topology

Command Mode

- /exec/configure

snmp-server context type len val

[no] snmp-server context <context_name> type { vrf | topology | instance | vlan | mst } len <i2> val <i3>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
context	SNMP context to be mapped
context_name	name of the SNMP context
type	type of association to context
instance	Protocol instance associated with the SNMP context
vrf	VRF associated with the SNMP context
topology	Topology associated with the SNMP context
vlan	Vlan id associated with the SNMP context
mst	Mst id associated with the SNMP context
len	Length of value
i2	Length of value
val	Value
i3	Value of variable associated with the SNMP context

Command Mode

- /exec/configure

snmp-server counter cache-enable

[no] snmp-server counter cache-enable

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
counter	Configure port counter configuration
cache-enable	Enable port stats cache

Command Mode

- /exec/configure

snmp-server counter cache enable

[no] snmp-server counter cache enable

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
counter	Configure port counter configuration
cache	port stats cache
enable	enable port stats cache

Command Mode

- /exec/configure

snmp-server counter cache timeout

[no] snmp-server counter cache timeout <timeout>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
counter	Configure port counter configuration
cache	Port stats cache
timeout	Timeout for port stats cache
timeout	Timeout for which cached port stats exists(in secs)

Command Mode

- /exec/configure

snmp-server drop unknown

[no] snmp-server drop { unknown-user | unknown-engine-id }

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
drop	Silently drop unknown v3 user packets
unknown-user	unknown v3 user
unknown-engine-id	unknown v3 engine id

Command Mode

- /exec/configure

snmp-server enable traps

[no] snmp-server enable traps [<trap_arg> [<trap_sub_category> +]]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
trap_arg	(Optional) Enable __left__ traps
trap_sub_category	(Optional) Enter the trap

Command Mode

- /exec/configure

snmp-server enable traps bgp

[no] snmp-server enable traps bgp [{ state-changes [<subsystem> +] }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
state-changes	(Optional) Traps for FSM state changes
subsystem	(Optional) subsystem within BGP for SNMP traps

Command Mode

- /exec/configure

snmp-server enable traps bgp cbgp2

[no] snmp-server enable traps bgp cbgp2 [{ state-changes [<subsystem> +] }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
cbgp2	Enable SNMP CISCO-BGP-MIBv2 traps
state-changes	(Optional) Traps for FSM state changes
subsystem	(Optional) subsystem within BGP for SNMP traps

Command Mode

- /exec/configure

snmp-server enable traps bgp cbgp2 threshold prefix

[no] snmp-server enable traps bgp cbgp2 threshold prefix

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
cbgp2	Enable SNMP CISCO-BGP-MIBv2 traps
threshold	Traps for threshold events
prefix	CISCO specific trap for prefix threshold events

Command Mode

- /exec/configure

snmp-server enable traps bgp threshold prefix

[no] snmp-server enable traps bgp threshold prefix

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
threshold	Traps for threshold events
prefix	CISCO specific trap for prefix threshold events

Command Mode

- /exec/configure

snmp-server enable traps eigrp

[no] snmp-server enable traps eigrp [<eigrp-ptag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
eigrp	Enable SNMP EIGRP traps
eigrp-ptag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospf

[no] snmp-server enable traps ospf [<tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospf lsa

[no] snmp-server enable traps ospf [<tag>] lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag
lsa	Allow sending LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospf rate-limit

{ { no snmp-server enable traps ospf [<tag>] rate-limit [<window> <rate>] } | { snmp-server enable traps ospf [<tag>] rate-limit <window> <rate> } }

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag
rate-limit	Trap rate limit values
window	(Optional) Rate limit window size in seconds
rate	(Optional) Max number of traps sent in window time
tag	(Optional)

Command Mode

- /exec/configure

snmp-server enable traps ospfv3

[no] snmp-server enable traps ospfv3 [<tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 lsa

[no] snmp-server enable traps ospfv3 lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
lsa	Enable SNMP OSPFv3 LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 lsa

[no] snmp-server enable traps ospfv3 <tag> lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	Process tag
lsa	Enable SNMP OSPFv3 LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 rate-limit

{ { no snmp-server enable traps ospfv3 [<tag>] rate-limit } | { snmp-server enable traps ospfv3 [<tag>] rate-limit <swindow> <rate> } }

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	(Optional) Process tag
rate-limit	Trap rate limit values
swindow	Rate limit window size in seconds
rate	Max number of traps sent in window time
tag	(Optional)

Command Mode

- /exec/configure

snmp-server enable traps storm-control trap-rate

[no] snmp-server enable traps storm-control trap-rate <rate-per-minute>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
storm-control	Enable storm-control traps
trap-rate	Number of traps per minute
rate-per-minute	per Minute (0 means no upper rate)

Command Mode

- /exec/configure

snmp-server engineID local

snmp-server engineID local <engineId> | no snmp-server engineID local [<engineId>]

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
engineID	Configure a local SNMPv3 engineID
local	engineID of the local agent
engineId	engine ID should be an even number of hexadecimal characters, which ranges from 10 to 64 where every two hexadecimal characters should be separated by colon. Including colons-

Command Mode

- /exec/configure

snmp-server force-unload-feature

snmp-server force-unload-feature <feature_name>

Syntax Description

snmp-server	Configure snmp server
force-unload-feature	unload mibs of conditional feature forcefully
feature_name	conditional feature name

Command Mode

- /exec/configure

snmp-server globalEnforcePriv

[no] snmp-server globalEnforcePriv

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
globalEnforcePriv	globally enforce privacy for all the users

Command Mode

- /exec/configure

snmp-server host

[no] snmp-server host <host0> { <s6> | [informs | traps] { { version { 1 <s0> | 2c <s1> | 3 { auth <s2> | noauth <s3> | priv <s4> } } } | <s5> } } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
informs	(Optional) Send Inform messages to this host
traps	(Optional) Send Traps messages to this host
version	SNMP version to use for notification messages
1	Use SNMPv1
s0	SNMP community string or SNMPv3 user name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number
2c	Use SNMPv2c
s1	SNMP community string or SNMPv3 user name
3	Use SNMPv3
auth	Use the SNMPv3 authNoPriv Security Level
s2	SNMP community string or SNMPv3 user name
noauth	Use the SNMPv3 noAuthNoPriv Security Level
s3	SNMP community string or SNMPv3 user name
priv	Use the SNMPv3 authPriv Security Level
s4	SNMP community string or SNMPv3 user name
s5	SNMP community string or SNMPv3 user name
s6	SNMP community string or SNMPv3 user name

Command Mode

- /exec/configure

snmp-server host filter-vrf

[no] snmp-server host <host0> filter-vrf { <vrf-name> | <vrf-known-name> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
filter-vrf	Filters notifications to the notification host receiver based on the configured VRF
vrf-name	VRF name
vrf-known-name	Known VRF name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server host source

[no] snmp-server host <host0> { source-interface <ifName> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to send SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
source-interface	Source interface to be used for sending out SNMP notifications to this host
ifName	Source interface name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server host use-vrf

[no] snmp-server host <host0> use-vrf { <vrf-name> | <vrf-known-name> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
use-vrf	Configures SNMP to use the selected VRF to communicate with the host receiver
vrf-name	VRF name
vrf-known-name	Known VRF name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server host use_vrf

[no] snmp-server host <host0> { use_vrf <s0> | filter_vrf <s1> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
use_vrf	Configures SNMP to use the selected VRF to communicate with the host receiver
s0	VRF name
filter_vrf	Filters notifications to the notification host receiver based on the configured VRF
s1	VRF name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server load-cond-feature

[no] snmp-server load-cond-feature <feature_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
load-cond-feature	load or unload mibs of conditional feature
feature_name	conditional feature name

Command Mode

- /exec/configure

snmp-server load-mib

[no] snmp-server load-mib <mib_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
load-mib	load a given mib
mib_name	mib module name

Command Mode

- /exec/configure

snmp-server location

[no] snmp-server location [<line>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
location	modify sysLocation
line	(Optional) modify sysLocation

Command Mode

- /exec/configure

snmp-server mib community-map context

[no] snmp-server mib community-map <community_name> context <context_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
mib	mib access parameters
community-map	SNMP community
community_name	SNMP community string
context	SNMP context to be mapped
context_name	name of the SNMP context

Command Mode

- /exec/configure

snmp-server mib mpls vpn max-threshold

[no] snmp-server mib mpls vpn max-threshold <time>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Modify non engine SNMP parameters
mib	MIB commands
mpls	Configurations for MPLS mibs
vpn	Config special SNMP MPLS VPN objects
max-threshold	Config to control MPLS-VPN max threshold exceeded traps
time	Seconds before re-issuing maximum threshold trap

Command Mode

- /exec/configure

snmp-server protocol enable

[no] snmp-server protocol enable

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
protocol	snmp protocol operations
enable	Enable/Disable snmp protocol operations

Command Mode

- /exec/configure

snmp-server source-interface informs

[no] snmp-server source-interface { informs } <ifName>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
source-interface	Source interface to be used for sending out SNMP notifications
ifName	Source interface name
informs	SNMP Inform notifications for which this source interface needs to be used

Command Mode

- /exec/configure

snmp-server source-interface traps

[no] snmp-server source-interface { traps } <ifName>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
source-interface	Source interface to be used for sending out SNMP notifications
ifName	Source interface name
traps	SNMP Trap notifications for which this source interface needs to be used

Command Mode

- /exec/configure

snmp-server system-shutdown

[no] snmp-server system-shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
system-shutdown	Configure snmp-server for reload(2)

Command Mode

- /exec/configure

snmp-server tcp-session

[no] snmp-server tcp-session [auth]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
tcp-session	Enable one time authentication for snmp over tcp session.
auth	(Optional) Enable one time authentication for snmp over tcp session.

Command Mode

- /exec/configure

snmp-server user

{ no snmp-server user <user_name> { use-ipv4acl [<ipv4_acl_name>] use-ipv6acl [<ipv6_acl_name>] | use-ipv4acl [<ipv4_acl_name>] | use-ipv6acl [<ipv6_acl_name>] } | snmp-server user <user_name> { use-ipv4acl <ipv4_acl_name> use-ipv6acl <ipv6_acl_name> | use-ipv4acl <ipv4_acl_name> | use-ipv6acl <ipv6_acl_name> } }

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
user	Define a user who can access the SNMP engine
user_name	Name of the user
use-ipv4acl	Specify IPv4 ACL, the ACL name specified after must be IPv4 ACL.
ipv4_acl_name	(Optional) IPv4 ACL name to filter snmp requests
use-ipv6acl	Specify IPv6 ACL, the ACL name specified after must be IPv6 ACL.
ipv6_acl_name	(Optional) IPv6 ACL name to filter snmp requests

Command Mode

- /exec/configure

snmp-server user

[no] snmp-server user <s0> { enforcePriv | { [<s1>] { [auth { md5 | sha } <s2> { { priv [aes-128] { <s3> [localizedkey] [{ auto | engineID <s4> }] } } | { [localizedkey1] [{ auto1 | engineID1 <s5> }] } }] } } }

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
user	Define a user who can access the SNMP engine
s0	Name of the user
enforcePriv	Enforce privacy for the user
s1	(Optional) Group name (ignored for notif target user)
auth	(Optional) authentication parameters for the user
md5	(Optional) Use HMAC MD5 algorithm for authentication
sha	(Optional) Use HMAC SHA algorithm for authentication
s2	(Optional) authentication password for user
priv	(Optional) encryption parameters for the user
aes-128	(Optional) Use 128-bit AES algorithm for privacy
s3	(Optional) privacy password for user
localizedkey	(Optional) specifies whether the passwords are in localized key format
auto	(Optional) specifies whether the user is auto created (volatile)
engineID	(Optional) engineID for configuring notif target user (for V3 informs)
s4	(Optional) Specifies notification target's SNMP engineID.Should be an octet of either Decimal (range: 0 to 255) or Hexadecimal(range: 0 to FF) value, each octet being separated by colon. Hexadecimal value should have prefix of 0x or 0X. Including colons-
localizedkey1	(Optional) specifies whether the passwords are in localized key format
auto1	(Optional) specifies whether the user is auto created (volatile)
engineID1	(Optional) engineID for configuring notif target user (for V3 informs)
s5	(Optional) Specifies notification target's SNMP engineID.Should be an octet of either Decimal (range: 0 to 255) or Hexadecimal(range: 0 to FF) value, each octet being separated by colon. Hexadecimal value should have prefix of 0x or 0X. Including colons-

Command Mode

- /exec/configure

snmp-trap event-type policy-name

snmp-trap [intdata1 <integer-data1>] [intdata2 <integer-data2>] [strdata <string-data>] event-type <ev_type> policy-name <name>

Syntax Description

snmp-trap	Send
intdata1	(Optional) Enter
integer-data1	(Optional) Integer
intdata2	(Optional) Enter
integer-data2	(Optional) Integer
strdata	(Optional) Enter
string-data	(Optional) String
event-type	Event type
ev_type	Event type
policy-name	Policy Name
name	Policy Name

Command Mode

- /exec

snmp ifmib ifalias long

[no] snmp ifmib ifalias long

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp	Configure snmp
ifmib	Configure snmp interface mib feature
ifalias	Configure snmp interface alias attribute for interface mib
long	Enable long description up to 256 characters for interface alias

Command Mode

- /exec/configure

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-vlan-common

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-ether-sub /exec/configure/if-port-channel-sub /exec/configure/if-gig-ether-sub /exec/configure/if-remote-ethernet-sub /exec/configure/if-ether-sub-p2p

snmp trap link-status

snmp trap link-status

Syntax Description

snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

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

snmp trap link-status

[no] snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

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

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-mgmt-ether

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-any-tunnel

snsr-grp sample-interval

snsr-grp <sn-grp-id> sample-interval <cadence> | no snsr-grp <sn-grp-id>

Syntax Description

no	Negate a command or set its defaults
snsr-grp	Associated sensor group
sample-interval	Cadence Time in milliseconds(0 for events)
sn-grp-id	Identifier
cadence	Cadence Time in milliseconds

Command Mode

- /exec/configure/telemetry/subscription

sockets local-port-range

{ { no sockets local-port-range } | { sockets local-port-range <start-port> <end-port> } }

Syntax Description

no	Negate a command or set its defaults
sockets	Negate a command or set its defaults
local-port-range	Define local port range for Kstack. Note: This CLI requires switch to be reloaded
start-port	Start port of local port range
end-port	End port of local port range

Command Mode

- /exec/configure /exec/configure/config-mgmt

soft-reconfiguration inbound

{ soft-reconfiguration inbound [always] } | { no soft-reconfiguration inbound } | { default soft-reconfiguration inbound }

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
soft-reconfiguration	Soft reconfiguration
inbound	Allow inbound soft reconfiguration
always	(Optional) Always perform inbound soft reconfiguration

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mvpn
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-mvpn

soft-reconfiguration inbound

{ soft-reconfiguration inbound [always] } | { no soft-reconfiguration inbound } | { default soft-reconfiguration inbound }

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
soft-reconfiguration	Soft reconfiguration
inbound	Allow inbound soft reconfiguration
always	(Optional) Always perform inbound soft reconfiguration

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mdt

soo auto

{ [no] soo { auto | <ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> } } | { default soo }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Inherit values from a peer template
soo	Specify Site-of-origin extcommunity
auto	Generate SOO automatically
ext-comm-soo-aa4nn2	VPN extcommunity in aa4:nn or ip:nn format
ext-comm-soo-aa2nn4	VPN extcommunity in aa:nn format

Command Mode

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

sort

| sort [-b | -d | -f | -g | -i | -M | -n | -r | -k <key> | -t <delim> | -u] +

Syntax Description

|	Pipe command output to filter
sort	Stream Sorter
-b	(Optional) ignore leading blanks
-d	(Optional) consider only blanks and alphanumeric characters
-f	(Optional) fold lower case to upper case characters
-g	(Optional) compare according to general numerical value
-i	(Optional) consider only printable characters
-M	(Optional) month sort
-n	(Optional) compare according to string numerical value
-r	(Optional) reverse the result of comparisons
-k	(Optional) provide a key
-t	(Optional) use different separator instead of non-blank to blank transition
-u	(Optional) remove duplicate lines
key	(Optional) key in format POS1[,POS2] with POS = <field-nb>[.<char-pos>][<ordering>]
delim	(Optional) field delimiter char

Command Mode

- /output

source-group

[no] source-group <source> <group>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-group	Source Group
source	Configure source address
group	Configure group address

Command Mode

- /exec/configure/if-nve

source-interface

source-interface <interface> | no source-interface

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface
interface	Interface name

Command Mode

- /exec/configure/telemetry/destination-profile

source-interface

[no] source-interface | source-interface <interface>

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface to be used to reach radius server
interface	Interface (default is mgmt)

Command Mode

- /exec/configure/radius

source-interface

source-interface <interface> | no source-interface

Syntax Description

no	Negate a command or set its defaults
source-interface	NVE Source-Interface
interface	

Command Mode

- /exec/configure/if-nve

source-interface

[no] source-interface | source-interface <interface>

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface to be used to reach tacacs server
interface	Interface (default is mgmt)

Command Mode

- /exec/configure/tacacs+

source-interface

[no] source-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	PLB probe Source-Interface
interface	source interface for probe

Command Mode

- /exec/configure/plb

source-interface hold-down-time

[no] source-interface hold-down-time <sec>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	NVE Source-Interface
hold-down-time	Hold source loopback down time
sec	time in seconds

Command Mode

- /exec/configure/if-nve

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/config-fte-exporter

source

source { <ipaddr> } | no source

Syntax Description

no	Negate a command or set its defaults
source	source of tunnel packets
ipaddr	ip address (A.B.C.D)

Command Mode

- /exec/configure/if-te

source

{ source { <numeric1> | <numeric2> } | no source }

Syntax Description

no	Negate a command or set its defaults
source	Source
numeric1	IP

Command Mode

- /exec/configure/configngoamconnectcheck

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/nfm-exporter

source

source <srcip> | no source

Syntax Description

no	Negate a command or set its defaults
source	Source address for connection to controllers
srcip	IP address of source

Command Mode

- /exec/configure/openflow/switch

source

source [background] <file> [<args>] +

Syntax Description

source	run a script (python, tcl,...) from bootflash:scripts
background	(Optional) run the script in the background, see also 'show background' and 'kill background
file	the script file to run
args	(Optional) argument to be passed to script

Command Mode

- /exec

source

| source <file> [<args>] +

Syntax Description

|	Pipe command output to filter
source	run a script (python, tcl,...) from bootflash:scripts
file	the script file to run
args	(Optional) argument to be passed to script

Command Mode

- /output

source copy-sys

source copy-sys

Syntax Description

source	run a script (python, tcl,...) from bootflash:scripts
copy-sys	copy the system provided example scripts of /sys to bootflash:scripts

Command Mode

- /exec

source filter ip

[no] source filter ip { <ip-addr> <ip-mask> } [ip | { { udp | tcp } { <port_num> | any } }] [{ arp | advertise } { enable | disable }]

Syntax Description

no	(Optional) Negate a command or set its defaults
source	source ip configuration
filter	source filters
ip	source ip
ip-addr	IP address in format i.i.i.i
ip-mask	IP network mask in format m.m.m.m
ip	(Optional) IP Protocol
udp	(Optional) UDP Protocol
tcp	(Optional) TCP Protocol
port_num	(Optional) Port Number
any	(Optional) Any Port Number
arp	(Optional) ARP
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable

Command Mode

- /exec/configure/smartc

source filter ip any any

[no] source filter ip any any

Syntax Description

no	(Optional) Negate a command or set its defaults
source	source ip configuration
filter	source filters
ip	source ip
any	Any IP

Command Mode

- /exec/configure/smartc

source ip-address

[no] source ip-address <ipaddr>

Syntax Description

source	Source configuration
ip-address	IP Address
ipaddr	IP Address to be configured

Command Mode

- /exec/configure/config-ssx-collector

source udp-port

[no] source udp-port <udpport>

Syntax Description

source	Source configuration
udp-port	UDP Port
udpport	UDP port to be configured, default 49153

Command Mode

- /exec/configure/config-ssx-collector

spanning-tree bpdufilter

spanning-tree bpdufilter <port-bpdufilter> | no spanning-tree bpdufilter [<port-bpdufilter>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bpdufilter	Don't send or receive BPDUs on this interface
port-bpdufilter	Don't send or receive BPDUs on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree bpduguard

spanning-tree bpduguard <port-bpduguard> | no spanning-tree bpduguard [<port-bpduguard>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bpduguard	Don't accept BPDUs on this interface
port-bpduguard	Don't accept BPDUs on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree bridge-domain

[no] spanning-tree bridge-domain <bd-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bridge-domain	Bridge-Domain Switch Spanning Trees
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11

Command Mode

- /exec/configure

spanning-tree bridge assurance

[no] spanning-tree bridge assurance

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bridge	Spanning tree bridge options
assurance	Enable Bridge Assurance on all network ports

Command Mode

- /exec/configure

spanning-tree cost

spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] cost <port-cost> | no spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] cost [<port-cost>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	(Optional) VLAN Switch Spanning Trees
bridge-domain	(Optional) Bridge-Domain Switch Spanning Trees
vlan-id	(Optional) vlan range, Example: 1,3-5,7,9-11
vlan-id	(Optional) vlan range, Example: 1,3-5,7,9-11
bd-id	(Optional) Bridge-Domain range, Example: 2,4-5,7,9-11
cost	Change an interface's spanning tree port path cost
port-cost	port path cost

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree cost auto

[no] spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] cost auto

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	(Optional) VLAN Switch Spanning Trees
bridge-domain	(Optional) Bridge-Domain Switch Spanning Trees
vlan-id	(Optional) vlan range, Example: 1,3-5,7,9-11
bd-id	(Optional) Bridge-Domain range, Example: 2,4-5,7,9-11
cost	Change an interface's spanning tree port path cost
auto	Determine cost based on media speed of this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree domain

spanning-tree domain { enable | disable | <domain-id> } | no spanning-tree domain [enable]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
domain	Spanning Tree Domain
enable	Enable Spanning Tree Domain
disable	Disable Spanning Tree Domain
domain-id	Domain Identifier

Command Mode

- /exec/configure

spanning-tree domain clear statistics

spanning-tree domain clear statistics

Syntax Description

spanning-tree	Spanning Tree Subsystem
domain	Spanning Tree Domain
clear	Clear
statistics	Clear Statistics

Command Mode

- /exec/configure

spanning-tree guard

spanning-tree guard <guard-type> | no spanning-tree guard [<guard-type>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
guard	Change an interface's spanning tree guard mode
guard-type	Change an interface's spanning tree guard mode

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree link-type

spanning-tree link-type <link-type-val> | no spanning-tree link-type [<link-type-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
link-type	Specify a link type for spanning tree tree protocol use
link-type-val	Specify a link type for spanning tree tree protocol use

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree loopguard default

[no] spanning-tree loopguard default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
loopguard	Spanning tree loopguard options
default	Enable loopguard by default on all ports

Command Mode

- /exec/configure

spanning-tree mode

spanning-tree mode <stp-mode> | no spanning-tree mode [<stp-mode>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mode	Spanning Tree operating mode
stp-mode	Spanning Tree operating mode

Command Mode

- /exec/configure

spanning-tree mst configuration

[no] spanning-tree mst configuration

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
configuration	Enter MST configuration submode

Command Mode

- /exec/configure

spanning-tree mst configuration

spanning-tree mst configuration

Syntax Description

spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
configuration	Enter MST configuration submode

Command Mode

- /exec/configure

spanning-tree mst cost

spanning-tree mst <mst-id> cost <port-cost> | no spanning-tree mst <mst-id> cost [<port-cost>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
cost	Change an interface's spanning tree port path cost
port-cost	port path cost

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst cost auto

[no] spanning-tree mst <mst-id> cost auto

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
cost	Change an interface's spanning tree port path cost
auto	Determine cost based on media speed of this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst forward-time

spanning-tree mst forward-time <fwd-time> | no spanning-tree mst forward-time [<fwd-time>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
forward-time	Set the forward delay for the spanning tree
fwd-time	number of seconds for the forward delay timer

Command Mode

- /exec/configure

spanning-tree mst hello-time

spanning-tree mst hello-time <hello-time-val> | no spanning-tree mst hello-time [<hello-time-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
hello-time	Set the hello interval for the spanning tree
hello-time-val	number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree mst max-age

spanning-tree mst max-age <max-age-val> | no spanning-tree mst max-age [<max-age-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
max-age	Set the max age interval for the spanning tree
max-age-val	maximum number of seconds the information in a bpdu is valid

Command Mode

- /exec/configure

spanning-tree mst max-hops

spanning-tree mst max-hops <max-hops-val> | no spanning-tree mst max-hops [<max-hops-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
max-hops	Set the max hops value for the spanning tree
max-hops-val	maximum number of hops a BPDU is valid

Command Mode

- /exec/configure

spanning-tree mst port-priority

spanning-tree mst <mst-id> port-priority <port-prio> | no spanning-tree mst <mst-id> port-priority [<port-prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
port-priority	Change an interface's spanning tree port priority
port-prio	Spanning-tree port priority

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst pre-standard

[no] spanning-tree mst pre-standard

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
pre-standard	Force pre-standard MST BPDU transmission on port

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst priority

spanning-tree mst <mst-id> priority <prio> | no spanning-tree mst <mst-id> priority [<prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
mst-id	MST instance range, example: 0-3,5,7-9
priority	Set the bridge priority for the spanning tree
prio	bridge priority in increments of 4096

Command Mode

- /exec/configure

spanning-tree mst root

spanning-tree mst <mst-id> root <root-type> [diameter <diameter-val> [hello-time <hello-time-val>]] | no spanning-tree mst <mst-id> root [<root-type> [diameter <diameter-val> [hello-time <hello-time-val>]]]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
mst-id	MST instance range, example: 0-3,5,7-9
diameter	(Optional) Network diameter of this spanning tree
diameter-val	(Optional) Maximum number of bridges between any two end nodes
root	configure switch as root
root-type	configure switch as root
hello-time	(Optional) Set the hello interval for the spanning tree
hello-time-val	(Optional) number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree mst simulate pvst

[no] spanning-tree mst simulate pvst [<simpvst-disable>]

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
simulate	Enable spanning tree simulation
pvst	Enable PVST simulation
simpvst-disable	(Optional) Disable PVST simulation on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst simulate pvst global

[no] spanning-tree mst simulate pvst global

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
simulate	Enable spanning tree simulation
pvst	Enable PVST simulation
global	Enable PVST Simulation by default on all ports

Command Mode

- /exec/configure

spanning-tree pathcost method

spanning-tree pathcost method <method-val> | no spanning-tree pathcost method [<method-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
pathcost	Spanning tree pathcost options
method	Method to calculate default port path cost
method-val	Method to calculate default port path cost

Command Mode

- /exec/configure

spanning-tree port-priority

spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] port-priority <port-prio> | no spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] port-priority [<port-prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	(Optional) VLAN Switch Spanning Trees
bridge-domain	(Optional) Bridge-Domain Switch Spanning Trees
vlan-id	(Optional) vlan range, Example: 1,3-5,7,9-11
bd-id	(Optional) Bridge-Domain range, Example: 2,4-5,7,9-11
port-priority	Change an interface's spanning tree port priority
port-prio	Spanning-tree port priority

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type

spanning-tree port type <port-type> | no spanning-tree port type [<port-type>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
port-type	Specify a port type for spanning tree protocol use

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type edge bpdufilter default

[no] spanning-tree port type edge bpdufilter default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
bpdufilter	Enable edge port (portfast) bpdu filter on this switch
default	Enable bdpu filter by default on all edge (portfast) ports

Command Mode

- /exec/configure

spanning-tree port type edge bpduguard default

[no] spanning-tree port type edge bpduguard default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
bpduguard	Enable edge port (portfast) bpdu guard on this switch
default	Enable bdpu guard by default on all edge (portfast) ports

Command Mode

- /exec/configure

spanning-tree port type edge default

[no] spanning-tree port type edge default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
default	Select edge port type by default on all access ports

Command Mode

- /exec/configure

spanning-tree port type edge trunk

spanning-tree port type edge trunk | no spanning-tree port type edge trunk

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
trunk	Consider the interface as edge port (enable portfast) even in trunk mode

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type network default

[no] spanning-tree port type network default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
network	Consider the interface as inter-switch link
default	Select network port type by default on all ports

Command Mode

- /exec/configure

spanning-tree portfast

spanning-tree portfast [<port-portfast>] | no spanning-tree portfast [<port-portfast>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
portfast	Enable an interface to move directly to fwd on link up
port-portfast	(Optional) Enable an interface to move directly to fwd on link up

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree portfast bpdufilter default

[no] spanning-tree portfast bpdufilter default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
portfast	Enable an interface to move directly to fwd on link up
bpdufilter	Enable portfast bpdu filter on this switch
default	Enable bdpu filter by default on all portfast ports

Command Mode

- /exec/configure

spanning-tree portfast bpduguard default

[no] spanning-tree portfast bpduguard default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
portfast	Enable an interface to move directly to fwd on link up
bpduguard	Enable portfast bpdu guard on this switch
default	Enable bdpu guard by default on all portfast ports

Command Mode

- /exec/configure

spanning-tree portfast default

[no] spanning-tree portfast default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
portfast	Enable an interface to move directly to fwd on link up
default	Enable portfast by default on all access ports

Command Mode

- /exec/configure

spanning-tree pseudo-information

spanning-tree pseudo-information

Syntax Description

spanning-tree	Spanning Tree Subsystem
pseudo-information	configure spanning tree pseudo information

Command Mode

- /exec/configure

spanning-tree vlan

[no] spanning-tree vlan <vlan-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11

Command Mode

- /exec/configure

spanning-tree vlan forward-time

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } forward-time <fwd-time> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } forward-time [<fwd-time>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
forward-time	Set the forward delay for the spanning tree
fwd-time	number of seconds for the forward delay timer

Command Mode

- /exec/configure

spanning-tree vlan hello-time

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } hello-time <hello-time-val> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } hello-time [<hello-time-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
hello-time	Set the hello interval for the spanning tree
hello-time-val	number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree vlan max-age

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } max-age <max-age-val> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } max-age [<max-age-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
max-age	Set the max age interval for the spanning tree
max-age-val	maximum number of seconds the information in a bpdu is valid

Command Mode

- /exec/configure

spanning-tree vlan priority

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } priority <prio> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } priority [<prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
priority	Set the bridge priority for the spanning tree
prio	bridge priority in increments of 4096

Command Mode

- /exec/configure

spanning-tree vlan root

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } root <root-type> [diameter <diameter-val> [hello-time <hello-time-val>]] | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } root [<root-type> [diameter <diameter-val> [hello-time <hello-time-val>]]]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
diameter	(Optional) Network diameter of this spanning tree
diameter-val	(Optional) Maximum number of bridges between any two end nodes
root	configure switch as root
root-type	configure switch as root
hello-time	(Optional) Set the hello interval for the spanning tree
hello-time-val	(Optional) number of seconds between generation of config bpdu

Command Mode

- /exec/configure

speed-group

speed-group <gspeed_val> | no speed-group [<gspeed_val>]

Syntax Description

no	Negate a command or set its defaults
speed-group	port group speed
gspeed_val	Interface port speed

Command Mode

- /exec/configure/if-eth-base

speed

[no] speed <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
speed	Set the transmit and receive speeds
i0	Transmit and receive speeds

Command Mode

- /exec/configure/com1

speed

speed { <speed_val> }

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

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

speed

speed { <speed_val> }

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

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

speed

speed { <speed_val> }

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

- /exec/configure/if-port-channel

speed

[no] speed [{ <speed_val> | auto [100 [1000]] }]

Syntax Description

no	Negate a command or set its defaults
speed	Enter the port speed
speed_val	(Optional) Interface port speed
auto	(Optional) auto negotiate speed
100	(Optional) 100 Mbps speed
1000	(Optional) 1000 Mbps speed

Command Mode

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

speed

speed { <speed_val> }

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

- /exec/configure/if-mgmt-ether

speed

[no] speed [{ <speed_val> | auto [100 [1000]] }]

Syntax Description

no	Negate a command or set its defaults
speed	Enter the port speed
speed_val	(Optional) Interface port speed
auto	(Optional) auto negotiate speed
100	(Optional) 100 Mbps speed
1000	(Optional) 1000 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed

[no] speed <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
speed	Set the transmit and receive speeds
i0	Transmit and receive speeds

Command Mode

- /exec/configure/console

speed auto

speed auto

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto

speed auto

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed

Command Mode

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

speed auto 100

speed auto 100

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto 100

speed auto 100

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed

Command Mode

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

speed auto 100 1000

speed auto 100 1000

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed
1000	1000 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto 100 1000

speed auto 100 1000

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed
1000	1000 Mbps speed

Command Mode

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

spf-interval

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

Syntax Description

no	Negate a command or set its defaults
spf-interval	Configure SPF interval
max-wait	Maximum wait between trigger and SPF computation (milli-secs)
initial-wait	(Optional) Initial wait between trigger and SPF computation (milli-secs)
second-wait	(Optional) Second wait between trigger and SPF computation (milli-secs)

Command Mode

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

spf-interval

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

Syntax Description

no	Negate a command or set its defaults
spf-interval	Configure SPF interval
level	IS-IS level
max-wait	Maximum wait between trigger and SPF computation (milli-secs)
initial-wait	(Optional) Initial wait between trigger and SPF computation (milli-secs)
second-wait	(Optional) Second wait between trigger and SPF computation (milli-secs)

Command Mode

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

spf mode incremental

[no] spf mode incremental

Syntax Description

no	(Optional) Negate a command or set its defaults
spf	Configure route computation related settings
mode	Set the mode of spf computation
incremental	If possible, recompute only parts of the SPT

Command Mode

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

spf mode incremental

[no] spf mode incremental

Syntax Description

no	(Optional) Negate a command or set its defaults
spf	Configure route computation related settings
mode	Set the mode of spf computation
incremental	If possible, recompute only parts of the SPT

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

sport

{ sport <sval> } | { no sport }

Syntax Description

no	Negate a command or set its defaults
sport	Configure ngoam Udp source port range
sval	Udp source port range, max span 1024, Example: 2000-3000,400,500

Command Mode

- /exec/configure/configngoamprofile

sport

{ sport <sval> | no sport }

Syntax Description

no	Negate a command or set its defaults
sport	Outer UDP source port
sval	Source port

Command Mode

- /exec/configure/configngoamconnectcheck

sprom backplane

sprom { backplane [brief] }

Syntax Description

sprom	set SPROM contents should be done very carefully
backplane	set backplane module sprom contents
brief	(Optional) set minimal/essential backplane module sprom contents

Command Mode

- /exec

sprom recover backplane

sprom recover backplane <i0>

Syntax Description

sprom	set SPROM contents should be done very carefully
recover	SPROM recovery
backplane	set backplane module sprom contents
i0	please enter instance of backplane sprom

Command Mode

- /exec

src-intf

{ src-intf <src_if> }

Syntax Description

src-intf	Interface on which the host with src ip of the payload is connected
src_if	Interface

Command Mode

- /exec/configure/configngoamccpayload

ssh

{ ssh <s0> [[[vrf { <vrf-name> | <vrf-known-name> }] [source-ip <s1>]] | [source-interface <intf>]] } | { ssh <s0> [[[source-ip <s1>] [vrf { <vrf-name> | <vrf-known-name> }]] | [source-interface <intf>]] }

Syntax Description

ssh	SSH to another system
vrf	(Optional) Display per-VRF information
source-ip	(Optional) ip address to bind
source-interface	(Optional) Select source interface
s0	Enter hostname or user@hostname
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
s1	(Optional) Enter source ip address to bind
intf	(Optional)

Command Mode

- /exec

ssh6

{ ssh6 <s0> [[[vrf { <vrf-name> | <vrf-known-name> }] [source-ip <s2>] [interface <s1>]] | [source-interface <intf>]] } | { ssh6 <s0> [[[source-ip <s2>] [vrf { <vrf-name> | <vrf-known-name> }] [interface <s1>]] | [source-interface <intf>]] }

Syntax Description

ssh6	SSH to another system using IPv6 addressing
vrf	(Optional) vrf to use
source-ip	(Optional) ip address to bind
source-interface	(Optional) Select source interface
interface	(Optional) interface to bind
s0	Enter hostname or user@hostname
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
s2	(Optional) Enter source ip address to bind
s1	(Optional) Enter interface to bind
intf	(Optional)

Command Mode

- /exec

ssh all

[no] ssh { kexalgos | ciphers | macs | keytypes } all

Syntax Description

no	(Optional) Negate a command or set its defaults
ssh	SSH to another system
kexalgos	key exchange methods that are used to generate per-connection keys
ciphers	ciphers to encrypt the connection
macs	message authentication codes used to detect traffic modification
keytypes	public key algorithms that the server can use to authenticate itself to the client
all	enable algorithms supported in current version of SSH

Command Mode

- /exec/configure/

ssh cipher-mode weak

{ { ssh cipher-mode weak } | { no ssh cipher-mode [weak] } }

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
cipher-mode	Set Cipher-mode for ssh
weak	Enable Weak Ciphers

Command Mode

- /exec/configure/

ssh key dsa

{ ssh key { dsa [force] | rsa [{ <i0> | <oldrange> } [force]] } | no ssh key [{ dsa [force] | rsa [{ <i0> | <oldrange> } [force]] }] }

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
key	Generate SSH Key
dsa	Generate DSA keys
force	(Optional) Force the generation of keys even if previous ones are present
rsa	Generate RSA keys
i0	(Optional) Enter number of bits (in multiples of 8)
oldrange	(Optional) Enter number of bits
force	(Optional) Force the generation of keys even if previous ones are present
force	(Optional) Force the generation of keys even if previous ones are present

Command Mode

- /exec/configure

ssh login-attempts

{ { ssh login-attempts <d0> } | { no ssh login-attempts [<d0>] } }

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
login-attempts	Set maximum login attempts from ssh
d0	Specify max-attempt number

Command Mode

- /exec/configure/

ssh server enable

[no] ssh server enable

Syntax Description

no	(Optional) Negate a command or set its defaults
ssh	Configure SSH parameters
server	Configure SSH Server parameters
enable	Enable SSH server

Command Mode

- /exec/configure

ssx collector

[no] ssx collector <collectorname>

Syntax Description

ssx	change ssx settings
collector	ssx Collector to be configured
collectorname	ssx Collector to be configured

Command Mode

- /exec/configure

ssx monitor

[no] ssx monitor <monitorname>

Syntax Description

ssx	change ssx settings
monitor	ssx Monitor to be configured
monitorname	ssx Monitor to be configured

Command Mode

- /exec/configure

ssx record

[no] ssx record <recordname>

Syntax Description

ssx	change ssx settings
record	ssx Record to be configured
recordname	ssx Record to be configured

Command Mode

- /exec/configure

standby

[no] standby [ip <ip-addr-first> | IPv6 <ip-addrv6-first>]

Syntax Description

no	(Optional) Negate a command or set its defaults
standby	Standby node
ip	(Optional) ip address for standby node
ip-addr-first	(Optional) ITD node IPv4 address
IPv6	(Optional) IPv6 address

Command Mode

- /exec/configure/itd-dg-node

standby ip

[no] standby { ip <ip-addr-first> | IPv6 <ip-addrv6-first> }

Syntax Description

no	(Optional) Negate a command or set its defaults
standby	Configure standby node for a primary node
ip	Standby node IPv4 address
ip-addr-first	IP4 prefix in format i.i.i.i
IPv6	Standby node IPv6 address

Command Mode

- /exec/configure/plb-dg-node

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel6

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel7

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel8

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel9

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel10

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/insel19

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/outsel0

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/outsel1

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamtah/outsel2

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/sel3

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/sel4

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/sel5

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/sel6

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/sel7

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/outsel0

start

start

Syntax Description

start	Start Trigger

Command Mode

- /exec/elamns/outsel5

state enabled

[no] state enabled

Syntax Description

no	(Optional) Negate a command or set its defaults
state	Port-profile state
enabled	Enable/ disable the port-profile

Command Mode

- /exec/configure/port-profile

stateful-ha

[no] stateful-ha [test-recovery]

Syntax Description

no	(Optional) Negate a command or set its defaults
stateful-ha	Enable stateful IS-IS HA
test-recovery	(Optional) Test stateful HA recovery

Command Mode

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

stateful-ha

[no] stateful-ha [pss-partial-lsp]

Syntax Description

stateful-ha	Configure RSVP stateful HA
pss-partial-lsp	(Optional) Enable PSS of partial lsps

Command Mode

- /exec/configure/ip-rsvp

statistics

[no] statistics

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/macacl

statistics

[no] statistics

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/ipacl /exec/configure/vacl

statistics

[no] statistics

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/ipv6acl

statistics collection-interval

statistics collection-interval <interval-val> | no statistics collection-interval

Syntax Description

no	Negate a command or set its defaults
statistics	Statistics related commands
collection-interval	How often to retrieve statistics
interval-val	Collection interval in seconds (0 = do not collect)

Command Mode

- /exec/configure/openflow/switch

statistics per-entry

[no] statistics per-entry

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/ipacl /exec/configure/vacl

statistics per-entry

[no] statistics per-entry

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/ipv6acl

statistics per-entry

[no] statistics per-entry

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/macacl

stats-reporting-period

stats-reporting-period <time-in-sec> | no stats-reporting-period

Syntax Description

no	Negate a command or set its defaults
stats-reporting-period	Interval after which statistics are sent to the BMP server
time-in-sec	Delay value

Command Mode

- /exec/configure/router-bgp/router-bgp-bmp-server

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/sel7

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/sel3

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/sel4

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/sel5

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/sel6

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/outsel0

status

status

Syntax Description

status	Status of Trigger

Command Mode

- /exec/elamns/outsel5

stopbits

[no] stopbits <stopbits-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
stopbits	Set async line stopbits
stopbits-value	async line stopbits value

Command Mode

- /exec/configure/console

stopbits 1

[no] stopbits { 1 | 2 }

Syntax Description

no	(Optional) Negate a command or set its defaults
stopbits	Set async line stopbits
1	One stop bit
2	Two stop bits

Command Mode

- /exec/configure/com1

storm-control-cpu

storm-control-cpu { { arp rate } <pps> } | no storm-control-cpu arp

Syntax Description

no	Negate a command or set its defaults
storm-control-cpu	Configure Interface storm control cpu
arp	arp storm control
rate	Set allowed arp traffic rate on this interface
pps	value in packets per sec

Command Mode

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

streetaddress

{ streetaddress <line> | no streetaddress }

Syntax Description

no	Negate a command or set its defaults
streetaddress	Configure replacement part shipping address.
line	Provide street address (white spaces are fine)

Command Mode

- /exec/configure/callhome

stub

{ { [eigrp] stub [{ [direct | connected | static | summary] [redistributed] } + [leak-map <leak-map>] | { receive-only }] } | { no [eigrp] stub [{ [direct | connected | static | summary] [redistributed] } + [leak-map <leak-map>] | { receive-only }] } }

Syntax Description

no	Negate a command or set its defaults
eigrp	(Optional) EIGRP router configuration commands
stub	Set IP-EIGRP as stubbed router
direct	(Optional) Do advertise connected routes
connected	(Optional) Do advertise connected routes
static	(Optional) Do advertise static routes
summary	(Optional) Do advertise summary routes
redistributed	(Optional) Do advertise redistributed routes
leak-map	(Optional) Allow dynamic prefixes based on the leak-map
leak-map	(Optional) leak-map name
receive-only	(Optional) Set IP-EIGRP as receive only neighbor

Command Mode

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

sub-switch vlan

sub-switch <subswitch-id> vlan <vlan-id> | no sub-switch <subswitch-id>

Syntax Description

no	Negate a command or set its defaults
sub-switch	Logical sub-switch id
subswitch-id	Logical subswitch-id(2 to 10)
vlan	VLAN-id or VLAN-range
vlan-id	VLAN-id or VLAN-range

Command Mode

- /exec/configure/openflow/switch

subscription

[no] subscription <sub-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
subscription	Create a Subscription
sub-id	Identifier

Command Mode

- /exec/configure/telemetry

summary-address

[no] summary-address <ipv6-prefix> [tag <tagval> | not-advertise]

Syntax Description

no	(Optional) Negate a command or set its defaults
summary-address	Configure route summarization for redistribution
tag	(Optional) 32-bit tag value
tagval	(Optional) 32-bit tag value
not-advertise	(Optional) Supress advertising the specified summary

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

summary-address

[no] summary-address { <ip-dest> <ip-mask> | <ip-prefix> } [tag <tagval> | not-advertise]

Syntax Description

no	(Optional) Negate a command or set its defaults
summary-address	Configure route summarization for redistribution
ip-dest	IP prefix format: i.i.i.i
ip-mask	IP network mask format: m.m.m.m
ip-prefix	IP prefix format: x.x.x.x/ml
tag	(Optional) 32-bit tag value
tagval	(Optional) 32-bit tag value
not-advertise	(Optional) Supress advertising the specified summary

Command Mode

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

summary-address

summary-address { <ip-addr> <ip-mask> | <ip-prefix> } <level> | no summary-address { <ip-addr> <ip-mask> | <ip-prefix> } [<level>]

Syntax Description

no	Negate a command or set its defaults
summary-address	Configure IP address summaries
ip-addr	IP summary address
ip-mask	IP summary mask
ip-prefix	IP summary prefix
level	Level to summarize into

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common /exec/configure/router-isis/router-isis-af-ipv4

summary-address

summary-address <ipv6-prefix> <level> | no summary-address <ipv6-prefix> [<level>]

Syntax Description

no	Negate a command or set its defaults
summary-address	Configure IP address summaries
level	Level to summarize into

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv6

suppress-arp

[no] suppress-arp

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-arp	Enable ARP suppression

Command Mode

- /exec/configure/if-nve/vni

suppress-fib-pending

[no] suppress-fib-pending

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-fib-pending	Advertise only routes that are programmed in hardware to peers

Command Mode

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

suppress-fib-pending

[no] suppress-fib-pending

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-fib-pending	Advertise only routes that are programmed in hardware to peers

Command Mode

- /exec/configure/router-bgp

suppress-inactive

[no] suppress-inactive

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-inactive	Advertise only active routes to peers

Command Mode

- /exec/configure/router-bgp/router-bgp-af

suppress-inactive

[no | default] suppress-inactive

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
suppress-inactive	Advertise only active routes to peer

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mdt
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
  /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label

suppress-signaling-protocol ldp

[no | default] suppress-signaling-protocol ldp

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
suppress-signaling-protocol	Suppress VPLS BGP AD protocol
ldp	LDP signaling

Command Mode

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

suppress mac-route

[no] suppress mac-route

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress	Suppress MAC only route advertisement
mac-route	MAC route

Command Mode

- /exec/configure/if-nve

switch-id

switch-id <asid> | no switch-id

Syntax Description

no	Negate a command or set its defaults
switch-id	Configure Switch ID
asid	Anycast Switch ID

Command Mode

- /exec/configure/anycast

switch-priority

{ switch-priority <i0> | no switch-priority }

Syntax Description

no	Negate a command or set its defaults
switch-priority	Priority of the switch(0-highest 7-lowest)
i0	Priority of the switch(0-highest 7-lowest)

Command Mode

- /exec/configure/callhome

switch-profile

[no] switch-profile <s0> { profile-only { local | all } | local-config | all-config }

Syntax Description

no	Negate a command or set its defaults
switch-profile	Enter switch-profile configuration mode
s0	Enter the name of the switch-profile
profile-only	Deletion of profile only and no other configuration
local	Deletion of profile only and no other configurations in local switch
all	Deletion of profile only and no other configurations from all the peers
local-config	Deletion of profile and local configuration
all-config	Deletion of profile, local and peer configurations

Command Mode

- /exec/configure

switch-profile

switch-profile <s0>

Syntax Description

switch-profile	Enter switch-profile configuration mode
s0	Enter the name of the switch-profile

Command Mode

- /exec/configure

switch-role border-leaf

[no] switch-role border-leaf

Syntax Description

switch-role	Switch Role
border-leaf	Border Leaf

Command Mode

- /exec/configure/nbm-controller

switch-scope controller

{ switch-scope controller <controller-id> | no switch-scope controller }

Syntax Description

no	Negate a command or set its defaults
switch-scope	switch-scope
controller	Controller command
controller-id	Controller id

Command Mode

- /exec

switch pipeline

switch <switch-id> pipeline <pipeline-id> | no switch <switch-id>

Syntax Description

no	Negate a command or set its defaults
switch	Switch
switch-id	Logical switch-id
pipeline	Select forwarding profile, use 'show openflow hardware capabilities' for choices
pipeline-id	Pipeline id

Command Mode

- /exec/configure/openflow

switchback

switchback

Syntax Description

switchback	switchback to default vdc

Command Mode

- /exec

switching-mode fabric-speed 40g

[no] switching-mode fabric-speed 40g

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
fabric-speed	fabric speed settings
40g	fabric speed at 40g instead of 42g

Command Mode

- /exec/configure

switching-mode fast-to-slow-speed-cut-through

[no] switching-mode fast-to-slow-speed-cut-through

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
fast-to-slow-speed-cut-through	Operate in fast-to-slow speed cut-through mode

Command Mode

- /exec/configure

switching-mode store-forward

[no] switching-mode store-forward

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
store-forward	Operate in store and forward mode

Command Mode

- /exec/configure

switchport

[no] switchport

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-non-member /exec/configure/if-ethernet /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-port-channel /exec/configure/if-ethernet-p2p

switchport

switchport

Syntax Description

switchport	Configure switchport parameters

Command Mode

- /exec/configure/if-eth-non-member /exec/configure/if-ethernet-all /exec/configure/if-port-channel /exec/configure/if-ethernet-p2p

switchport autostate exclude

switchport autostate exclude [vlan { <exclude-vlans> | add <add-vlans> | except <except-vlans> | remove <remove-vlans> | all | none }] | no switchport autostate exclude [dummy] [vlan { <exclude-vlans> | add <add-vlans> }]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
autostate	Include or exclude this port from vlan link up calculation
exclude	Exclude this port from vlan link up calculation
vlan	(Optional) VLAN Id
exclude-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
add	(Optional) add VLANs to except list
add-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
except	(Optional) List of VLANs to excepted from auto-state exclude
except-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
remove	(Optional) remove VLANs from except list
remove-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
all	(Optional) Exclude all VLANs
none	(Optional) Exclude no VLANs
dummy	(Optional) Hidden Keyword

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-gig-ether /exec/configure/if-port-channel-range /exec/configure/if-eth-port-channel-switch /exec/configure/if-remote-ethernet-switch

switchport block unicast

switchport block { unicast | multicast } | no switchport block { unicast | multicast }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
block	Block specified outbound traffic for all VLANs
unicast	Block unknown unicast traffic
multicast	Block flood multicast traffic

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport dot1q ethertype

switchport dot1q ethertype { 0x8100 | 0x88A8 | 0x9100 | <any> } | no switchport dot1q ethertype [<any>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
dot1q	Configure dot1q EtherType value
ethertype	Configure dot1q EtherType value
0x8100	Default EtherType for 802.1q frames
0x88A8	EtherType for 802.1ad double tagged frames
0x9100	EtherType for QinQ frames
any	Any EtherType

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all

switchport dot1q ethertype

switchport dot1q ethertype { 0x8100 | 0x88A8 | 0x9100 | <any> } | no switchport dot1q ethertype [<any>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
dot1q	Configure dot1q EtherType value
ethertype	Configure dot1q EtherType value
0x8100	Default EtherType for 802.1q frames
0x88A8	EtherType for 802.1ad double tagged frames
0x9100	EtherType for QinQ frames
any	Any EtherType

Command Mode

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

switchport host

[no] switchport host

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
host	Set port host

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-switch-m /exec/configure/if-ethernet-all

switchport isolated

[no] switchport isolated

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
isolated	Disable loop-free detection.

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mac-learn disable

switchport mac-learn disable | no switchport mac-learn disable

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mac-learn	Disable/enable mac learning on interface
disable	Disable mac learning on all VLANs on interface

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mode

{ switchport mode { <port_mode> } | no switchport mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	port mode

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mode

{ switchport mode { <port_mode> } | no switchport mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	port mode

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mode fabricpath

[no] switchport mode fabricpath

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
fabricpath	port mode fabricpath

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mode monitor buffer-limit

switchport mode monitor buffer-limit { <value> [packets | bytes | kbytes | mbytes] } | no switchport mode monitor buffer-limit

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
monitor	Configures an interface as span-destination
buffer-limit	Set buffer limit for span destination
value	Limit in terms of packets
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport mode private-vlan

{ switchport mode private-vlan <port_mode> } | { no switchport mode private-vlan [<port_mode>] }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
private-vlan	Set the private VLAN configuration
port_mode	private vlan mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch /exec/configure/if-remote-ethernet-switch

switchport mode private-vlan trunk

{ switchport mode private-vlan trunk <trunk_mode> } | { no switchport mode private-vlan trunk [<trunk_mode>] }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
private-vlan	Set the private VLAN configuration
trunk	private-vlan trunk
trunk_mode	private vlan trunk mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch /exec/configure/if-remote-ethernet-switch

switchport monitor

switchport monitor [ingress [learning]] | no switchport monitor

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
monitor	Configures an interface as span-destination
ingress	(Optional) Enables the forwarding on incoming packets
learning	(Optional) Enables mac-learning

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchport port-security

[no] switchport port-security

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command

Command Mode

- /exec/configure/if-switching

switchport port-security aging time

[no] switchport port-security aging time <value>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
aging	Port-security aging commands
time	Port-security aging time
value	Aging time in minutes. Enter a value between 1 and 1440

Command Mode

- /exec/configure/if-switching

switchport port-security mac-address

[no] switchport port-security mac-address <mac-address> [vlan <vlanid>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
mac-address	MAC address
mac-address	48 bit mac address format HHHH.HHHH.HHHH
vlan	(Optional) Vlan on which the mac address should be secured
vlanid	(Optional) vlan id. Enter a value between 1 and 4094

Command Mode

- /exec/configure/if-switching

switchport port-security mac-address sticky

[no] switchport port-security mac-address sticky

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
mac-address	MAC address
sticky	Sticky MAC address

Command Mode

- /exec/configure/if-switching

switchport port-security maximum

[no] switchport port-security maximum <value> [vlan <vlanid>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
maximum	Max secure addresses
value	Maximum addresses 1 to 1025
vlan	(Optional) Vlan on which the mac address should be secured
vlanid	(Optional) vlan id. Enter a value between 1 and 4094

Command Mode

- /exec/configure/if-switching

switchport port-security violation

[no] switchport port-security violation { protect | restrict | shutdown }

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
violation	Security violation mode
protect	security violation protect mode
restrict	security violation restrict mode
shutdown	security violation shutdown mode

Command Mode

- /exec/configure/if-switching

switchport private-vlan association trunk

{ switchport private-vlan association trunk <primary-vlan> <secondary-vlan> } | { no switchport private-vlan association trunk [<primary-vlan> [<secondary-vlan>]] }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
association	private vlan trunk association
trunk	private-vlan trunk secondary
no	Negate a command or set its defaults
primary-vlan	Primary VLAN ID
secondary-vlan	Secondary VLAN ID

Command Mode

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

switchport private-vlan host-association

{ switchport private-vlan host-association <primary-vlan> <secondary-vlan> } | { no switchport private-vlan host-association }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
host-association	Set the private VLAN host association
no	Negate a command or set its defaults
primary-vlan	Primary VLAN ID
secondary-vlan	Secondary VLAN ID

Command Mode

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

switchport private-vlan mapping

{ switchport private-vlan mapping <primary-vlan> [{ add | remove }] <secondary_vlans> } | { no switchport private-vlan mapping [<primary-vlan> <secondary_vlans>] }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
mapping	Set the private VLAN access/trunk promiscuous mapping
add	(Optional) Add a VLAN to private VLAN list
remove	(Optional) Remove a VLAN from private VLAN list
no	Negate a command or set its defaults
primary-vlan	Primary private VLAN
secondary_vlans	Secondary VLAN IDs

Command Mode

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

switchport private-vlan mapping trunk

{ switchport private-vlan mapping trunk <primary-vlan> [{ add | remove }] <secondary_vlans> } | { no switchport private-vlan mapping trunk [<primary-vlan> [<secondary_vlans>]] }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
mapping	Set the private VLAN access/trunk promiscuous mapping
add	(Optional) Add a VLAN to private VLAN list
remove	(Optional) Remove a VLAN from private VLAN list
no	Negate a command or set its defaults
trunk	private-vlan trunk promiscuous
primary-vlan	Primary private VLAN
secondary_vlans	Secondary VLAN IDs

Command Mode

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

switchport private-vlan trunk allowed vlan

switchport private-vlan trunk allowed vlan { <allowed-vlans> | add <add-vlans> | except <except-vlans> | remove <remove-vlans> | all | none } | no switchport private-vlan trunk allowed vlan <no-allowed-vlans>

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
trunk	Set the private vlan trunking configuration
allowed	Set allowed VLANs when interface is in private-vlan trunking mode
vlan	VLAN status
allowed-vlans	VLAN IDs of the allowed VLANs when interface is in private-vlan trunking mode
add	add VLANs to the current list
add-vlans	VLAN IDs of the allowed VLANs when interface is in private-vlan trunking mode
except	all VLANs except the following
except-vlans	VLAN IDs of disallowed VLANS when this port is in trunking mode
remove	remove VLANs from the current list
remove-vlans	VLAN IDs of disallowed VLANS when this port is in trunking mode
all	all VLANs
none	no VLANs
no	Negate a command or set its defaults
no-allowed-vlans	VLAN IDs of disallowed VLANs when this port is in trunking mode

Command Mode

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

switchport private-vlan trunk native vlan

{ switchport private-vlan trunk native vlan <native-vlan> } | { no switchport private-vlan trunk native vlan }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
no	Negate a command or set its defaults
trunk	Set the private vlan trunking configuration
native	Set the private vlan trunking native configuration
vlan	VLAN status
native-vlan	native vlan id

Command Mode

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

switchport trunk pruning vlan except add remove none all

{ no switchport trunk pruning vlan [<vlan-ids>] | switchport trunk pruning vlan <vlan-ids> | switchport trunk pruning vlan except <vlan-ids> | switchport trunk pruning vlan add <vlan-ids> | switchport trunk pruning vlan remove <vlan-ids> | switchport trunk pruning vlan none | switchport trunk pruning vlan all }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
pruning	Set pruning VLAN characteristics when interface is in trunking mode
vlan	Enter VLANs
add	add VLANs to the current list
remove	remove VLANs from the current list
except	all VLANs except the following
none	no VLANs
all	all VLANs
vlan-ids	(Optional) Enter VLANs

Command Mode

- /exec/configure/if-switching

switchport virtual-ethernet-bridge

switchport virtual-ethernet-bridge | no switchport virtual-ethernet-bridge

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
virtual-ethernet-bridge	Enable hair-pin forwarding

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch

switchto vdc

switchto vdc <e-vdc2> [force] [bypass] [__readonly__ <vdc_id> <invalid_vdc_id> <noauth_vdc_id> <no_first>]

Syntax Description

switchto	Goto specific Virtual Device Context <vdc-name> | <vdc-id>
vdc	Manage Virtual Device Context
e-vdc2	Enter Virtual Device Context <vdc-id>
__readonly__	(Optional) Read Only
force	(Optional) force
vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
invalid_vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
noauth_vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
no_first	(Optional) Enter Virtual Device Context <vdc-id>
bypass	(Optional) Enter Virtual Device Context <vdc-id>

Command Mode

- /exec/

sync-peers destination

sync-peers destination <dst-ip> [source <src-ip> | vrf <vrf-name>] + | no sync-peers destination [<dst-ip> [source <src-ip>]]

Syntax Description

no	Negate a command or set its defaults
sync-peers	Specify peers to whom configuration needs to be synced
destination	Specify destination ip address of peer switch
dst-ip	IPv4 address (A.B.C.D) of destination
source	(Optional) Source interface for sending out configs
src-ip	(Optional) IPv4 address (A.B.C.D) of source
vrf	(Optional) vrf to be used default/management
vrf-name	(Optional) vrf to be used

Command Mode

- /exec/configure

sync-snmp-password

[no] sync-snmp-password <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
sync-snmp-password	sync snmp password
s0	password

Command Mode

- /exec/configure

sync-snmp-password

sync-snmp-password <s0>

Syntax Description

sync-snmp-password	sync snmp password
s0	password

Command Mode

- /exec

sync-snmp-password

sync-snmp-password <s0> <s1> <s2>

Syntax Description

sync-snmp-password	sync snmp password
s0	password
s1	user
s2	snmp client host

Command Mode

- /exec

syslog

syslog { msg <s0> | priority { <i0> msg1 <s1> | alerts msg2 <s2> | critical msg3 <s3> | debugging msg4 <s4> | emergencies msg5 <s5> | errors msg6 <s6> | informational msg7 <s7> | notifications msg8 <s8> | warnings msg9 <s9> } }

Syntax Description

syslog	Execute a logging command
msg	Log EEM action message
s0	Enter the msg (max 300 chars)
priority	Priority of the log message
i0	Enter priority of the log message
msg1	Log EEM action message
s1	Enter the msg (max 300 chars)
alerts	Alert log message
msg2	Log EEM action message
s2	Enter the msg (max 300 chars)
critical	Critical log message
msg3	Log EEM action message
s3	Enter the msg (max 300 chars)
debugging	Debugging log message
msg4	Log EEM action message
s4	Enter the msg (max 300 chars)
emergencies	Emergency log message
msg5	Log EEM action message
s5	Enter the msg (max 300 chars)
errors	Error log message
msg6	Log EEM action message
s6	Enter the msg (max 300 chars)
informational	Informational log message
msg7	Log EEM action message

s7	Enter the msg (max 300 chars)
notifications	Notifications log message
msg8	Log EEM action message
s8	Enter the msg (max 300 chars)
warnings	Warning log message
msg9	Log EEM action message
s9	Enter the msg (max 300 chars)

Command Mode

- /exec

system-mac

[no] system-mac <mac-addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
system-mac	Mac Address
mac-addr	specify system mac address

Command Mode

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

system-mac

system-mac <sysmac> | no system-mac

Syntax Description

no	Negate a command or set its defaults
system-mac	Configure system mac address
sysmac	specify system mac address

Command Mode

- /exec/configure/vpc-domain

system-priority

system-priority <syspri> | no system-priority <syspri>

Syntax Description

no	Negate a command or set its defaults
system-priority	Configure system priority
syspri	specify system priority

Command Mode

- /exec/configure/vpc-domain

system auto-collect tech-support

system [no] auto-collect tech-support [timeout <time>]

Syntax Description

system	System management commands
no	(Optional) Negate a command or set its defaults
auto-collect	Auto collection of information
tech-support	Collect tech-support in case of service causing supervisor reset
timeout	(Optional) Collect tech-support timeout
time	(Optional) Timeout in seconds

Command Mode

- /exec

system cores

{ system cores { { <uri0> } | { <uri1> vrf <vrf-known-name> } } | no system cores [{ { <uri0> } | { <uri1> vrf <vrf-known-name> } }] }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
cores	Copy cores to destination
uri0	Select destination filesystem
uri1	Select destination filesystem
vrf	Enter the vrf name
vrf-known-name	VRF name

Command Mode

- /exec/configure

system cores retain

[no] system cores retain

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
cores	Copy cores to destination
retain	keep the cores

Command Mode

- /exec/configure

system default interface

{ system default interface { congestion { timeout <i0> mode { core | edge } | mode { core | edge } } | pause { timeout <i1> mode1 { core | edge } | mode1 { core | edge } } } | no system default interface { congestion { timeout <i0> mode { core | edge } | mode { core | edge } } | pause { timeout <i1> mode1 { core | edge } | mode1 { core | edge } } } }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
interface	Configure system default interface values
congestion	Configure system timeout values for congestion drop
pause	Configure system timeout values for pause frame
timeout	Configure system timeout values
i0	Configure number of milliseconds
i1	Configure number of milliseconds
mode	Configure mode
mode1	Configure mode
core	Enter the port type
edge	Enter the port type

Command Mode

- /exec/configure

system default switchport

{ [no] system default switchport }

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport

Command Mode

- /exec/configure

system default switchport fabricpath

{ system default switchport fabricpath | no system default switchport fabricpath }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport
fabricpath	Configure default port mode as fabricpath

Command Mode

- /exec/configure

system default switchport shutdown

{ [no] system default switchport shutdown }

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport
shutdown	Configure admin state

Command Mode

- /exec/configure

system dme enable

[no] system dme enable

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
dme	Manage 4G DME enable/disable
enable	enable

Command Mode

- /exec/configure

system fabric-mode full-rate

[no] system fabric-mode full-rate

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
fabric-mode	Configure the operating mode of the fabrics
full-rate	Operates fabrics in Full Rate Mode

Command Mode

- /exec/configure

system fast-reload stabilization-timer

system fast-reload stabilization-timer <time>

Syntax Description

system	System management commands
fast-reload	fast-reload software
stabilization-timer	Network stabilization time in seconds before fast-reload can be executed after the previous reload
time	time in secs

Command Mode

- /exec/configure

system fte monitor

[no] system fte monitor <monitorname>

Syntax Description

system	global config
fte	change fte global settings
monitor	fte Monitor to be applied
monitorname	ssx Monitor to be applied

Command Mode

- /exec/configure

system hap-reset

system no hap-reset

Syntax Description

system	System management commands
no	Negate a command or set its defaults
hap-reset	enables resetting of local or remote sup on ha failures

Command Mode

- /exec

system hap-reset

system hap-reset

Syntax Description

system	System management commands
hap-reset	enables resetting of local or remote sup on ha failures

Command Mode

- /exec

system health check bootflash

system health check bootflash [fix-errors]

Syntax Description

system	System management commands
health	system health exec commands
check	run consistency check on compact flash
bootflash	check internal bootflash
fix-errors	(Optional) fix bootflash errors

Command Mode

- /exec

system heartbeat

system no heartbeat

Syntax Description

system	System management commands
no	Negate a command or set its defaults
heartbeat	enables heartbeat

Command Mode

- /exec

system heartbeat

system heartbeat

Syntax Description

system	System management commands
heartbeat	enables heartbeat

Command Mode

- /exec

system high-multicast-priority

[no] system high-multicast-priority

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
high-multicast-priority	high priority to multicast

Command Mode

- /exec/configure

system inband queuing

[no] system inband queuing [{ [round-robin] [bpdu weight <weight-val>] [q0 weight <weight-val>] [q1 weight <weight-val>] [q0 no-drop] [q1 no-drop] [pick_packets] [bpdu map <q-index>] [arp map <q-index>] [q0 map <q-index>] [q1 map <q-index>] }]

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System-related show commands
inband	System Inband configuration
queuing	System Inband Queueing Algorithm
round-robin	(Optional) Simple Round-Robin
bpdu	(Optional) bpdu queue
arp	(Optional) arp queue
q0	(Optional) q0 queue (cos 4,5,6,7)
q1	(Optional) q1 queue (cos 0,1,2,3)
weight	(Optional) weight associated with the queue
no-drop	(Optional) set no drop option on queue
weight-val	(Optional) weights
pick_packets	(Optional) enable packet rx
map	(Optional) map to queue
q-index	(Optional) queue index

Command Mode

- /exec/configure

system inband queuing

system inband queuing { clear-pm-counters | clear-klm-counters | clear-all-counters | enable-timestamp | disable-timestamp }

Syntax Description

system	System-related show commands
inband	System Inband configuration
queuing	System Inband Queueing Algorithm
clear-pm-counters	clear user space inband queue counters
clear-klm-counters	clear KLM VDC inband queue counters
clear-all-counters	clear all inband queue counters
enable-timestamp	enable timestamping in klm vdc
disable-timestamp	disable timestamping in klm vdc

Command Mode

- /exec

system interface shutdown

[no] system interface shutdown [exclude fex-fabric]

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
interface	Configure system interface config
shutdown	Configure interface shutdown
exclude	(Optional) exclude
fex-fabric	(Optional) fex-fabric

Command Mode

- /exec/configure

system jumbomtu

{ system jumbomtu <mtu> | no system jumbomtu [<mtu>] }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
jumbomtu	Configure system jumbomtu
mtu	Enter jumbomtu

Command Mode

- /exec/configure

system kernel-trace

system kernel-trace [enable | disable]

Syntax Description

system	system management commands
kernel-trace	kernel tracing
enable	(Optional) enables kernel tracing
disable	(Optional) disables kernel tracing

Command Mode

- /exec

system kgdb

system kgdb

Syntax Description

system	System management commands
kgdb	enables kgdb

Command Mode

- /exec

system kgdb

system no kgdb

Syntax Description

system	System management commands
no	Negate a command or set its defaults
kgdb	enables kgdb

Command Mode

- /exec

system login block-for

[no] system login block-for

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
login	Enable secure login checking
block-for	Set quiet-mode active time period

Command Mode

- /exec/configure

system login block-for attempts within

system login block-for <i1> attempts <i2> within <i3>

Syntax Description

system	System configuration commands
login	Enable secure login checking
block-for	Set quiet-mode active time period
i1	Time period in seconds
attempts	Set max number of fail attempts
i2	Fail attempts max value
within	Watch period for fail attempts
i3	Time period in seconds

Command Mode

- /exec/configure

system login quiet-mode

[no] system login quiet-mode

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
login	Enable secure login checking
quiet-mode	Set quiet-mode options

Command Mode

- /exec/configure

system login quiet-mode access-class

system login quiet-mode access-class <access-list>

Syntax Description

system	System configuration commands
login	Enable secure login checking
quiet-mode	Set quiet-mode options
access-class	Set access class
access-list	Access-list name

Command Mode

- /exec/configure

system memory-thresholds minor severe critical

[no] system memory-thresholds minor <minor> severe <severe> critical <crit>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
memory-thresholds	Set memory thresholds on the card
minor	enter minor threshold
minor	please enter minor memory threshold as % memory
severe	enter severe treshold
severe	please enter severe memory threshold as % memory
critical	enter critical treshold
crit	please enter critical memory threshold as % memory

Command Mode

- /exec/configure

system minlife

system minlife <i0>

Syntax Description

system	System management commands
minlife	Set system minlife (in seconds)
i0	Set minlife

Command Mode

- /exec

system mode maintenance

[no] system mode maintenance [dont-generate-profile] [non-interactive] | system mode maintenance [dont-generate-profile | shutdown] [non-interactive]

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
dont-generate-profile	(Optional) do not generate the maintenance/normal-mode profile
shutdown	(Optional) issue shutdown instead of isolate (default)
non-interactive	(Optional) do operation non interactively in background

Command Mode

- /exec/configure

system mode maintenance always-use-custom-profile

[no] system mode maintenance always-use-custom-profile

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
always-use-custom-profile	always use custom profile when entering maintenance mode

Command Mode

- /exec/configure

system mode maintenance maint-delay

[no] system mode maintenance maint-delay <delay-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
maint-delay	delay to allow protocol reroute before releasing CLI
delay-value	delay value in seconds

Command Mode

- /exec/configure

system mode maintenance on-reload reset-reason

[no] system mode maintenance on-reload reset-reason <reason>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
on-reload	on reload maintenance mode configuration
reset-reason	reset reason
reason	

Command Mode

- /exec/configure

system mode maintenance snapshot-delay

[no] system mode maintenance snapshot-delay <delay-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
snapshot-delay	delay after which after_maintenance snapshot will be taken
delay-value	delay value in seconds

Command Mode

- /exec/configure

system mode maintenance timeout

[no] system mode maintenance timeout <timer-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
timeout	restart maintenance mode timer with a new value
timer-value	timer value in minutes

Command Mode

- /exec/configure

system module emon-enhanced

[no] system module emon-enhanced

Syntax Description

no	(Optional) Negate a command or set its defaults
system	system Internal Information
module	module commands
emon-enhanced	Configure emon enhanced support

Command Mode

- /exec/configure

system module failure-action shutdown

[no] system module failure-action shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
system	system Internal Information
module	module commands
failure-action	Configure module action on failure
shutdown	action on failure - shutdown

Command Mode

- /exec/configure

system mrouting performance-mode

[no] system mrouting performance-mode

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
mrouting	Layer-3 mrouting
performance-mode	Multicast Performance Mode

Command Mode

- /exec/configure

system nve ipmc global index-size

system nve ipmc global index-size { <size> | default } | no system nve ipmc global index-size [<size>]

Syntax Description

no	Negate the command or set its defaults
system	System Management Commands
nve	VXLAN interface
ipmc	Configure ipmc index size
global	Configure global ipmc size
index-size	Configure index size
size	ipmc allowed size
default	Default size is 3000

Command Mode

- /exec/configure

system offline

system offline

Syntax Description

system	System management commands
offline	Go offline

Command Mode

- /exec

system private-vlan fex trunk

[no] system private-vlan fex trunk

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
private-vlan	Configure Private VLANs
fex	Configure PVLANs on FEX Host Interface
trunk	Configure PVLANs on FEX Trunk Ports

Command Mode

- /exec/configure

system pss shrink

system pss shrink

Syntax Description

system	System management commands
pss	PSS commands
shrink	shrink pss files

Command Mode

- /exec

system qos

system qos

Syntax Description

system	System management commands
qos	QoS parameters

Command Mode

- /exec/configure

system release mod-lock uuid nodeid

system release mod-lock uuid <uuid-hex> nodeid <nodeid-hex>

Syntax Description

system	System management commands
release	release
mod-lock	module lock
uuid	uuid of the service holding the lock
uuid-hex	uuid
nodeid	node-id
nodeid-hex	nodeid

Command Mode

- /exec

system restart vdc service name

system restart vdc { <e-vdc2> | <vdc-id> } service name <s0>

Syntax Description

system	System management commands
restart	Restart a service
vdc	VDC number
e-vdc2	Enter VDC <vdc-id>
vdc-id	vdc number
service	Service to be restarted
name	Name of a service
s0	Name of service

Command Mode

- /exec/configure

system routing performance-mode

[no] system routing performance-mode

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
routing	Layer-3 routing
performance-mode	Performance Mode

Command Mode

- /exec/configure

system routing unknown-unicast-flood

[no] system routing unknown-unicast-flood

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
routing	Layer-3 routing
unknown-unicast-flood	Hardware flood post-routed traffic on SVI if dest-mac->layer2-port binding unknown

Command Mode

- /exec/configure

system shutdown fan-direction mismatch

system shutdown fan-direction mismatch | no system shutdown fan-direction mismatch

Syntax Description

no	Negate a command or set its defaults
system	System management commands
shutdown	Shutdown management commands
fan-direction	Fan-direction check
mismatch	Mismatch in check

Command Mode

- /exec/configure

system ssx monitor

[no] system ssx monitor <monitorname>

Syntax Description

system	global config
ssx	change ssx global settings
monitor	ssx Monitor to be applied
monitorname	ssx Monitor to be applied

Command Mode

- /exec/configure

system ssx system-id

[no] system ssx system-id <systemid>

Syntax Description

system	global config
ssx	change ssx global settings
system-id	ssx system-id to be applied
systemid	ssx system-id to be applied, default 0

Command Mode

- /exec/configure

system standby manual-boot

system standby manual-boot

Syntax Description

system	System management commands
standby	System standby management commands
manual-boot	No action taken to force-download standby sup

Command Mode

- /exec

system standby manual-boot

system no standby manual-boot

Syntax Description

system	System management commands
no	Negate a command or set its defaults
standby	System standby manual boot
manual-boot	No action taken to force-download standby sup

Command Mode

- /exec

system standby reload vdc

system standby reload vdc { <e-vdc2> | <i0> }

Syntax Description

system	System management commands
standby	System standby management commands
reload	Reload
vdc	vdc to reload
e-vdc2	Enter VDC <vdc-id>
i0	vdc number

Command Mode

- /exec

system startup-config init

system startup-config init

Syntax Description

system	System management commands
startup-config	System startup-config commands
init	Initialize the startup-configuration

Command Mode

- /exec

system startup-config kill config-update

system startup-config kill config-update

Syntax Description

system	System management commands
startup-config	System startup-config commands
kill	Kill configuration update
config-update	Kill configuration update

Command Mode

- /exec

system startup-config unlock

system startup-config unlock <i0>

Syntax Description

system	System management commands
startup-config	System startup-config commands
unlock	Unlock startup-config
i0	Startup-config lock id

Command Mode

- /exec

system statistics

system no statistics

Syntax Description

system	System management commands
no	Negate a command or set its defaults
statistics	disable the sysmgr statistics

Command Mode

- /exec

system statistics

system statistics

Syntax Description

system	System management commands
statistics	enables sysmgr statistics

Command Mode

- /exec

system switch-mode

system switch-mode { <mode> }

Syntax Description

system	System management commands
switch-mode	change switch operational mode
mode	switch mode

Command Mode

- /exec/configure

system switchover

system switchover

Syntax Description

system	System management commands
switchover	Switch over to the standby supervisor

Command Mode

- /exec

system switchover force

system switchover force

Syntax Description

system	System management commands
switchover	Switch over to the standby supervisor
force	Force switch over to the standby supervisor

Command Mode

- /exec

system swover-timeout-reset

[no] system swover-timeout-reset

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System management commands
swover-timeout-reset	switchover timeout and reset

Command Mode

- /exec

system trace

{ system trace <i0> | no system trace [<i0>] }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
trace	To configure system trace level
i0	Select the mask

Command Mode

- /exec/configure

system urpf disable

[no] system urpf disable

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
urpf	Manage urpf enable/disable
disable	disable

Command Mode

- /exec/configure

system vlan reserve

system vlan <start-val> reserve | no system vlan <start-val> reserve

Syntax Description

system	system wide configuration
no	Select default reserved vlans group vlan 3968-4094
vlan	Vlan commands
start-val	minimum VLANs value
reserve	reservation

Command Mode

- /exec/configure

system vrf-member-change retain-l3-config

[no] system vrf-member-change retain-l3-config

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System management commands
vrf-member-change	vrf member change
retain-l3-config	retain L3 configuration

Command Mode

- /exec/configure

system watchdog

system no watchdog

Syntax Description

system	System management commands
no	Negate a command or set its defaults
watchdog	enables watchdog

Command Mode

- /exec

system watchdog

system watchdog

Syntax Description

system	System management commands
watchdog	enables watchdog

Command Mode

- /exec

system watchdog kgdb

system watchdog kgdb

Syntax Description

system	System management commands
watchdog	enables watchdog
kgdb	enter kgdb on watchdog failure

Command Mode

- /exec

system watchdog kgdb

system no watchdog kgdb

Syntax Description

system	System management commands
no	Negate a command or set its defaults
watchdog	enables watchdog
kgdb	enter kgdb on watchdog failure

Command Mode

- /exec