T Commands

table-map

[no] table-map <rmap-name> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Apply table-map to filter routes downloaded into URIB
rmap-name	Route-map name
filter	(Optional) Selective route download

Command Mode

- /exec/configure/router-bgp/router-bgp-af

table-map

[no] table-map <policy-name> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Policy for filtering/modifying OSPF routes before sending them to RIB
policy-name	Route-map name
filter	(Optional) To block the OSPF routes from being sent to RIB

Command Mode

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

table-map

[no] table-map <map> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Configure Table Map information
map	Route-map name
filter	(Optional) Filter routes which are rejected by route-map

Command Mode

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

table-map

[no] table-map <table-map-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Configure a table map
table-map-name	Table map name

Command Mode

- /exec/configure

table-map

table-map <default-tmap-enum-name>

Syntax Description

table-map	Configure a table map
default-tmap-enum-name	

Command Mode

- /exec/configure

table-map

[no] table-map <policy-name> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Table-map policy used to filter routes and tune attributes before downloading to RIB
filter	(Optional) Filter the routes based on policy results
policy-name	A 'routing-rules' route-map name

Command Mode

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

table-map

[no] table-map <policy-name> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Table-map policy used to filter routes and tune attributes before downloading to RIB
filter	(Optional) Filter the routes based on policy results
policy-name	A 'routing-rules' route-map name

Command Mode

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

table-map

[no] table-map <policy-name> [filter]

Syntax Description

no	(Optional) Negate a command or set its defaults
table-map	Policy for filtering/modifying OSPFV3 routes before sending them to RIB
policy-name	Route-map name
filter	(Optional) To block the OSPFV3 routes from being sent to RIB

Command Mode

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

tac-pac

tac-pac [<uri0>]

Syntax Description

tac-pac	save tac info in a compressed .gz file at specific location
uri0	(Optional) Select destination filesystem

Command Mode

- /exec

tac-pac

tac-pac [<uri0> [vrf <vrf-known-name>]]

Syntax Description

tac-pac	save tac info in a compressed .gz file at specific location
uri0	(Optional) Select destination filesystem
vrf	(Optional) Display per-VRF information
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

tacacs-server deadtime

[no] tacacs-server deadtime <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
deadtime	duration for which non-reachable server is skipped
i0	Length of time, in minutes

Command Mode

- /exec/configure

tacacs-server directed-request

[no] tacacs-server directed-request

Syntax Description

no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
directed-request	enable direct authentication requests to server

Command Mode

- /exec/configure

tacacs-server host key 0 6 7

{ { [no] tacacs-server host { <hostipname> } { { key { 0 <s0> | 6 <s6> | 7 <s1> | <s2> } [port <i1>] [timeout <i2>] } | { [port1 <i3>] [timeout1 <i4>] } } } | { no tacacs-server host <hostipname> key } }

Syntax Description

key	0
no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
host	TACACS+ server's DNS name or its IP address
hostipname	IPV4/IPV6 address or DNS name
key	TACACS+ shared secret
0	TACACS+ shared secret(clear text)
s0	TACACS+ shared secret(clear text)
port	(Optional) TACACS+ server port
i1	(Optional) TACACS+ server port
timeout	(Optional) TACACS+ server timeout period in seconds
i2	(Optional) TACACS+ server timeout period in seconds
6	TACACS+ shared secret(type-6 encrypted)
s6	TACACS+ shared secret(encrypted)
7	TACACS+ shared secret(encrypted)
s1	TACACS+ shared secret(encrypted)
port1	(Optional) TACACS+ server port
i3	(Optional) TACACS+ server port
timeout1	(Optional) TACACS+ server timeout period in seconds
i4	(Optional) TACACS+ server timeout period in seconds
s2	TACACS+ shared secret(clear text)

Command Mode

- /exec/configure

tacacs-server host test

[no] tacacs-server host <hostipnam> test { { username <s0> { [password <s1> [idle-time <i1>]] | [idle-time <i1>] } } | { password <s1> [idle-time <i1>] } | { idle-time <i1> } }

Syntax Description

username	<s0>
no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
host	TACACS+ server's DNS name or its IP address
hostipnam	IPV4/IPV6 address or DNS name
test	Parameters to send test packets
s0	user name
password	(Optional) user password in test packets
s1	(Optional) user password
idle-time	(Optional) time interval for monitoring the server
i1	(Optional) time period in minutes

Command Mode

- /exec/configure

tacacs-server key 0 6 7

{ { [no] tacacs-server key { 0 <s0> [timeout <i0>] | 6 <s6> [timeout6 <i6>] | 7 <s1> [timeout1 <i1>] | <s2> [timeout2 <i2>] } } | { no tacacs-server key } }

Syntax Description

no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
key	Global TACACS+ server shared secret
0	default TACACS+ shared secret(clear text)
s0	default TACACS+ shared secret(clear text)
timeout	(Optional) Global TACACS+ server timeout period in seconds
i0	(Optional) Global TACACS+ server timeout period in seconds
6	default TACACS+ shared secret(type-6 encrypted)
s6	default TACACS+ shared secret(type-6 encrypted)
timeout6	(Optional) Global TACACS+ server timeout period in seconds
i6	(Optional) Global TACACS+ server timeout period in seconds
7	default TACACS+ shared secret(encrypted)
s1	default TACACS+ shared secret(encrypted)
timeout1	(Optional) Global TACACS+ server timeout period in seconds
i1	(Optional) Global TACACS+ server timeout period in seconds
s2	default TACACS+ shared secret(clear text)
timeout2	(Optional) Global TACACS+ server timeout period in seconds
i2	(Optional) Global TACACS+ server timeout period in seconds

Command Mode

- /exec/configure

tacacs-server test

[no] tacacs-server test { { username <s0> { [password <s1> [idle-time <i1>]] | [idle-time <i1>] } } | { password <s1> [idle-time <i1>] } | { idle-time <i1> } }

Syntax Description

username	<s0>
no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
test	Parameters to send test packets
s0	user name
password	(Optional) user password in test packets
s1	(Optional) user password
idle-time	(Optional) time interval for monitoring the server
i1	(Optional) time period in minutes

Command Mode

- /exec/configure

tacacs-server timeout

[no] tacacs-server timeout <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
tacacs-server	Configure TACACS+ server related parameters
timeout	Global TACACS+ server timeout period in seconds
i0	Global TACACS+ server timeout period in seconds

Command Mode

- /exec/configure

tacacs enable

[no] tacacs + enable

Syntax Description

no	(Optional) Negate a command or set its defaults
enable	Enable tacacs+

Command Mode

- /exec/configure

tag

{ { no | default } tag | tag <text> }

Syntax Description

no	
default	Set a command to its defaults
tag	User defined tag
text	Tag string line

Command Mode

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

tag happens in

[no] tag <tag_id> <op> <tag_id> [<op> <tag_id> [<op> <tag_id>]] happens <threshold> in <interval> | no tag

Syntax Description

no	(Optional) Negate a command or set its defaults
tag	event tag identifier
tag_id	tag name
op	boolean operator
happens	The number of occurrences before raising the event
threshold	Occurs value
in	Number of occurrences must occur within this time period
interval	Enter seconds value

Command Mode

- /exec/configure/event-manager-applet

tahoe-python module

tahoe-python module <module>

Syntax Description

tahoe-python	enter python mode for tahoe systems
module	Module number of the linecard
module	Enter module number

Command Mode

- /exec

tahoe-python module quoted

tahoe-python module <module> quoted <quoted-cmd>

Syntax Description

tahoe-python	enter python mode for tahoe systems
module	Module number of the linecard
module	Enter module number
quoted	enter the command with quotes Add multiple commands separated by semi-colon
quoted-cmd	the command(s) to run in tahoe python

Command Mode

- /exec

tail

tail <uri0> [<i1>]

Syntax Description

tail	Display the last part of a file
uri0	Filename to be displayed
i1	(Optional) Enter the number of lines to be displayed

Command Mode

- /exec

tail

| tail [-n <lines>]

Syntax Description

|	Pipe command output to filter
tail	Display last lines
-n	(Optional) modify number of lines (default 10)
lines	(Optional) number of lines to print

Command Mode

- /output

tar

tar { create <new-archive-file> [gz-compress | bz2-compress | uncompressed] + [remove | absolute | verbose] + <files> + | append <archive-file> [remove | absolute | verbose] + <files> + | extract <archive-file> [screen | to <dest-dir> | keep-old | verbose] + | list <archive-file> }

Syntax Description

tar	archiving operations
create	create an archive (merge several files together)
append	append some files to an existing archive
extract	extract files from archive (unmerge them)
verbose	(Optional) display files while merging/extracting
gz-compress	(Optional) compress archive with gzip, the default -> .tar.gz
bz2-compress	(Optional) compress archive with bzip2 -> .tar.bz2
uncompressed	(Optional) dont compress archive -> .tar
remove	(Optional) remove files after adding them to the archive
absolute	(Optional) don't strip leading `/'s from file names
keep-old	(Optional) don't replace existing files when extracting
screen	(Optional) extract files to screen
list	shows the list of files which are part of the archive
new-archive-file	the name of the archive (extension will be added if none of tar/tgz/tar.gz/tar.bz2/tbz2/tar.Z specified)
archive-file	the name of the archive (extension will be added if none of tar/tgz/tar.gz/tar.bz2/tbz2/tar.Z specified)
files	name of file to be added into archive
to	(Optional) extract to specific directory (default is bootflash)
dest-dir	(Optional) destination dir where to extract to (created if not exist), default is bootflash

Command Mode

- /exec

tclsh

tclsh <file> [<args>] +

Syntax Description

tclsh	source tclsh script
file	the file to run
args	(Optional) args to tcl script

Command Mode

- /exec

tclsh

tclsh

Syntax Description

tclsh	Execute tclsh

Command Mode

- /exec

tcp-connect

[no] tcp-connect { <hostname> | <ip-address> } <dest-port> { [control { disable | enable }] [source-ip { <source-ip-hostname> | <source-ip-address> }] [source-port <src-port>] } +

Syntax Description

no	(Optional)
control	(Optional) enable
source-ip-address	(Optional) <src-port>
tcp-connect	TCP Connect Operation
hostname	Destination hostname, broadcast disallowed
ip-address	Destination IP address, broadcast disallowed
dest-port	Port Number (Recommended port range between 1025-65534)
enable	(Optional) Enable control packets exchange (default)
disable	(Optional) Disable control packets exchange
source-ip	(Optional) Source address
source-ip-hostname	(Optional) source IP hostname, broadcast disallowed
source-port	(Optional) Source Port
src-port	(Optional) Port Number (Recommended port range between 1025-65534)

Command Mode

- /exec/configure/ip-sla

telemetry

[no] telemetry

Syntax Description

no	(Optional) Negate a command or set its default
telemetry	

Command Mode

- /exec/configure

telnet

{ telnet { <so> | <host> } } [<i0>] [[source { <host_src> | <interface> }] [vrf { <vrf-name> | <vrf-known-name> }]]

Syntax Description

telnet	Telnet to another system
so	Enter hostname
host	Enter a valid IPv4 address
source	(Optional) Set source address in IPv4 header
host_src	(Optional) Set IPV4 address as source
interface	(Optional) Set interface to send IPv4 packet
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
i0	(Optional) Enter the port number

Command Mode

- /exec

telnet6

{ telnet6 { <s1> | <host1> } } [<i0>] [[source { <host1_src> | <interface> }] [vrf { <vrf-name> | <vrf-known-name> }]]

Syntax Description

telnet6	Telnet6 to another system using IPv6 addressing
s1	Enter hostname
source	(Optional) Set source address in IPv6 header
interface	(Optional) Set interface to send IPv6 packet
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
i0	(Optional) Enter the port number

Command Mode

- /exec

telnet login-attempts

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

Syntax Description

no	Negate a command or set its defaults
telnet	telnet login
login-attempts	Set maximum login attempts
d0	Specify max-attempt number

Command Mode

- /exec/configure/

telnet server enable

[no] telnet server enable

Syntax Description

no	(Optional) Negate a command or set its defaults
telnet	Enable telnet
server	Enable telnet
enable	Enable telnet

Command Mode

- /exec/configure

template

template <res-mgr-template-known-name-all>

Syntax Description

template	Change the template for this vdc
res-mgr-template-known-name-all	Resource template for this vdc

Command Mode

- /exec/configure/vdc

template data timeout

{ [no] template data timeout <time> | no template data timeout }

Syntax Description

template	Version 9 Template
data	Data
timeout	Template Data resend time
time	Time in seconds

Command Mode

- /exec/configure/nfm-exporter-v9

template peer-policy

[no] template peer-policy <peer-policy-template-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
template	Enter template command mode
peer-policy	Template configuration for policy parameters
peer-policy-template-name	Name of peer-policy template

Command Mode

- /exec/configure/router-bgp

template peer-session

[no] template peer-session <peer-session-template-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
template	Enter template command mode
peer-session	Template configuration for session parameters
peer-session-template-name	Name of peer-session template

Command Mode

- /exec/configure/router-bgp

template peer

[no] template peer <peer-template-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
template	Enter template command mode
peer	Template configuration for peer parameters
peer-template-name	Neighbor template name

Command Mode

- /exec/configure/router-bgp

terminal

terminal { monitor | no { monitor1 | monitor-force } }

Syntax Description

terminal	Set terminal line parameters
monitor	Copy Syslog output to the current terminal line
no	Negate a command or set its defaults
monitor1	Copy Syslog output to the current terminal line
monitor-force	Copy Syslog output to the current terminal line

Command Mode

- /exec

terminal alias

[no] terminal alias [persist] [<alias-name> [<command>]]

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
alias	show aliases (if no arugments) create 'exec' aliases (not persistent). Persistent aliases are in config mode, see 'cli alias
persist	(Optional) add terminal alias to <username>.rc.cli file (auto-execed at login time)
alias-name	(Optional) Name of the alias. (if last argument: shows the value of that alias) Command lines can start with an alias and it will be expanded before parsing. An alias can also be used right after a pipe. The substitution text can contain things like '$1 $2' and those $<number> will be substituted by correspondingly numbered token from the command line starting the counting after the alias.
command	(Optional) Value of the alias (what the alias will be substituted with)

Command Mode

- /exec

terminal ask-on-term

[no] terminal ask-on-term <term>

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
ask-on-term	ask backend driven question on given terminal
term	the terminal (/dev/ptsX)

Command Mode

- /exec

terminal color

[no] terminal color [persist]

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
color	enable colorization of prompt(green if last command ok, red if error), command line (blue), output (default color)
persist	(Optional) add command to <username>.rc.cli file (auto-execed at login time)

Command Mode

- /exec

terminal context management

[no] terminal context management

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
context	set the vrf context
management	vrf context management

Command Mode

- /exec

terminal deep-help

[no] terminal deep-help

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
deep-help	enable cli syntax and list

Command Mode

- /exec

terminal dont-ask

[no] terminal dont-ask [persist]

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
dont-ask	Don't ask 'are you sure' questions, take default answer instead
persist	(Optional) add command to <username>.rc.cli file (auto-execed at login time)

Command Mode

- /exec

terminal edit-mode vi

[no] terminal edit-mode vi [persist]

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
edit-mode	set command line edition keys (vi or emacs emacs is default)
vi	edit like in vi by default in insert-mode, use ~ for command-mode
persist	(Optional) add command to <username>.rc.cli file (auto-execed at login time)

Command Mode

- /exec

terminal event-manager bypass

terminal [<noarg>] event-manager bypass

Syntax Description

terminal	Set terminal line parameters
noarg	(Optional)
event-manager	Event manager cli event
bypass	Bypass event manager cli event publish

Command Mode

- /exec

terminal history no-exec-in-config

[no] terminal history no-exec-in-config

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
history	configure terminal history properties
no-exec-in-config	don't recall exec commands while in config mode

Command Mode

- /exec

terminal history no-exec-in-config

[no] terminal history no-exec-in-config

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
history	configure terminal history properties
no-exec-in-config	don't recall exec commands while in config mode

Command Mode

- /exec

terminal history no-exec-in-config

[no] terminal history no-exec-in-config

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
history	configure terminal history properties
no-exec-in-config	don't recall exec commands while in config mode

Command Mode

- /exec

terminal home

terminal home

Syntax Description

terminal	Set terminal line parameters
home	go back to line 1 position 1 without erasing the screen (to be used in cli command loops)

Command Mode

- /exec

terminal length

terminal length <i0>

Syntax Description

terminal	Set terminal line parameters
length	Set number of lines on a screen
i0	Number of lines on screen (0 for no pausing)

Command Mode

- /exec

terminal length

terminal length <i0>

Syntax Description

terminal	Set terminal line parameters
length	Set number of lines on a screen
i0	Number of lines on screen (0 for no pausing)

Command Mode

- /exec/configure/console

terminal lock

terminal lock

Syntax Description

terminal	Set terminal line parameters
lock	Locks the CLI Config mode

Command Mode

- /exec

terminal log-all

[no] terminal log-all

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Configure terminal settings
log-all	Accounting log all commands including the show commands

Command Mode

- /exec/configure

terminal no

terminal no { length | terminal-type | width }

Syntax Description

terminal	Set terminal line parameters
no	Negate a command or set its defaults
length	Set number of lines on a screen
terminal-type	Set the terminal type
width	Set width of the display terminal

Command Mode

- /exec

terminal output xml

[no] terminal output xml

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
output	how output of show commands should be formated
xml	xml output

Command Mode

- /exec

terminal output xml

[no] terminal output xml

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
output	how output of show commands should be formated
xml	xml output

Command Mode

- /exec

terminal output xml

[no] terminal output xml <namespace-version>

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
output	how output of show commands should be formated
xml	xml output
namespace-version	enter the version for xml output

Command Mode

- /exec

terminal password

terminal password <password> | no terminal password [<password>]

Syntax Description

no	Negate a command or set its defaults
terminal	Set terminal line parameters
password	set a password to be used in copy scp/ftp commands use online help on the argument to disable echo so you don't need to type control-x-e twice (to toggle echo), echo will be re-enabled after carriage-return
password	Enter the password (online help that you just did disabled echo so type your password and press return

Command Mode

- /exec

terminal prompt

[no] terminal prompt [fix [<name>] [with-cr] | mode | { fq-command | command } | status | exec-time | time | no-echo] +

Syntax Description

no	(Optional) Negate a command or set its defaults
terminal	Set terminal line parameters
prompt	configure how the prompt should look like
fix	(Optional) set the prompt to a fix name (default _prompt_)
with-cr	(Optional) add a carriage return at the end of the prompt
name	(Optional) name to use as a fix prompt
mode	(Optional) include the cli mode name (ex: config-if) into the promt
fq-command	(Optional) include the fully qualified command just executed (formatted like in accounting log)
command	(Optional) include the previous command (not including the mode and mode instance)
status	(Optional) include the status of previous command (0=success)
exec-time	(Optional) include the time it took to execute previous command
time	(Optional) include the time when prompt was printed
no-echo	(Optional) dont echo the typed characters

Command Mode

- /exec

terminal redirection-mode

terminal redirection-mode <mode>

Syntax Description

terminal	Set terminal line parameters
redirection-mode	Set the redirection mode
mode	

Command Mode

- /exec

terminal reset-role

terminal reset-role <num>

Syntax Description

terminal	Set terminal line parameters
reset-role	Reset the privilege role to default
num	Enter the role num

Command Mode

- /exec

terminal reset vlan-config-mutex

terminal reset vlan-config-mutex

Syntax Description

terminal	Set terminal line parameters
reset	Force reset of the vlan config mode mutex
vlan-config-mutex	Vlan configuration mutex

Command Mode

- /exec

terminal session-timeout

terminal session-timeout <i0>

Syntax Description

terminal	Set terminal line parameters
session-timeout	Set session timeout
i0	Enter timeout in minutes, 0 to disable

Command Mode

- /exec

terminal sticky-mode

terminal [<noarg>] sticky-mode

Syntax Description

terminal	Set terminal line parameters
noarg	(Optional)
sticky-mode	Search for the command match in current mode only

Command Mode

- /exec

terminal terminal-type

terminal terminal-type <s0>

Syntax Description

terminal	Set terminal line parameters
terminal-type	Set the terminal type
s0	Terminal type

Command Mode

- /exec

terminal time

terminal time [<name>] [delta]

Syntax Description

terminal	Set terminal line parameters
time	save the current time under a variable
name	(Optional) the variable to store the time in
delta	(Optional) print the delta time to the currently saved time value

Command Mode

- /exec

terminal tree-update

terminal tree-update

Syntax Description

terminal	Set terminal line parameters
tree-update	Updates the main parse tree

Command Mode

- /exec

terminal unlock

terminal unlock

Syntax Description

terminal	Set terminal line parameters
unlock	Force unlocking of the CLI config mode

Command Mode

- /exec

terminal verify-only

terminal [<noarg>] verify-only [username <user>]

Syntax Description

terminal	Set terminal line parameters
noarg	(Optional)
verify-only	Verify command and do not execute
username	(Optional) Username for aaa authorization
user	(Optional) Username for aaa authorization

Command Mode

- /exec

terminal width

terminal width <i0>

Syntax Description

terminal	Set terminal line parameters
width	Set width of the display terminal
i0	Number of characters on a screen line

Command Mode

- /exec

terminal width

terminal width <i0>

Syntax Description

terminal	Set terminal line parameters
width	Set width of the display terminal
i0	Number of characters on a screen line

Command Mode

- /exec/configure/console

threshold-percent

threshold-percent { percent-threshold { percentup <up-percentage> [percentdown<down-percentage>] | percentdown<down-percentage> [percentup <up-percentage>] } } | no threshold-percent { percent-threshold }

Syntax Description

no	Negate a command or set its defaults
threshold-percent	Threshold parameters
percent-threshold	Percentage threshold
percentup	Up threshold
up-percentage	Up threshold percentage

Command Mode

- /exec/configure/tr-list-thrp

threshold

{ { no | default } threshold | threshold <milliseconds> }

Syntax Description

no	
default	Set a command to its defaults
threshold	Operation threshold
milliseconds	Millisecond threshold value

Command Mode

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

time-range

[no] time-range <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
time-range	Define time range entries
name	Time range name

Command Mode

- /exec/configure

timeout

{ { no | default } timeout |

Syntax Description

no	
default	Set a command to its defaults
timeout	Timeout of an operation

Command Mode

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

timeout

{ timeout <timeout> }

Syntax Description

timeout	Specify
timeout	Timeout

Command Mode

- /exec/configure/configngoamconnectcheck

timer

timer <value> | no timer

Syntax Description

no	Negate a command or set its defaults
timer	Configure Bundle timer value
value	Hello timer value

Command Mode

- /exec/configure/anycast

timers

timers <keepalive-interval> <hold-time> | { no | default } timers [<keepalive-interval> <hold-time>]

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
timers	Configure keepalive and hold timers
keepalive-interval	Keepalive interval (seconds)
hold-time	Holdtime (seconds)

Command Mode

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

timers

timers { <hello-time> { <hold-time> | ms-hold <hold-time-msec> } | ms-hello <hello-time-msec> { <hold-time-sec> | msec-hold <hold-time-msec> } | redirect <redirect-time> <sec-hold-time> } | no timers [{ <hello-time> [{ <hold-time> | ms-hold <hold-time-msec> }] | ms-hello [<hello-time-msec> [<hold-time-sec> | msec-hold <hold-time-msec>]] | redirect [<redirect-time> [<sec-hold-time>]] }]

Syntax Description

no	Negate a command or set its defaults
timers	Adjust GLBP timers
hello-time	Specify Hello interval in seconds
hold-time	Specify Hold time in seconds
ms-hold	Specify hold time in milliseconds
hold-time-msec	Hold time in milliseconds
ms-hello	Specify hello interval in milliseconds
hello-time-msec	hello interval in milliseconds
hold-time-sec	Hold time in seconds
msec-hold	Specify hold time in milliseconds
redirect	Specify time-out value for failed forwarders
redirect-time	Interval in seconds to redirect to failed forwarders
sec-hold-time	Time-out interval in seconds for failed forwarders

Command Mode

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

timers

timers { <hello-time> { <hold-time> | msec-hold <msec-hold> } | msec-hello <msec-hello> { <hold-time> | msec-hold <msec-hold> } } | no timers

Syntax Description

no	Negate a command or set its defaults
timers	Hello and hold timers
hello-time	Hello interval in seconds
hold-time	Hold time in seconds
msec-hold	Specify hold interval in milliseconds
msec-hold	Hold interval in milliseconds
msec-hello	Specify hello interval in milliseconds
msec-hello	Hello interval in milliseconds

Command Mode

- /exec/configure/if-eth-any/hsrp_ipv4 /exec/configure/if-eth-any/hsrp_ipv6

timers

[no] timers { nsf { route-hold <hold-interval> | converge <converge-interval> | signal <signal-interval> } | active-time [<max-active-time> | disabled] }

Syntax Description

no	(Optional) Negate a command or set its defaults
timers	Set EIGRP timers
nsf	EIGRP NSF timer
route-hold	EIGRP hold time for routes learned from nsf peer
hold-interval	Seconds
active-time	EIGRP time limit for active state
max-active-time	(Optional) EIGRP active-state time limit in minutes
disabled	(Optional) disable EIGRP time limit for active state
converge	EIGRP time limit for convergence after switchover
converge-interval	Seconds
signal	EIGRP time limit for signaling NSF restart
signal-interval	Seconds

Command Mode

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

timers advertise

[no] timers advertise | timers advertise <val>

Syntax Description

no	Negate a command or set its defaults
timers	Set the VRRP timers
advertise	Set the advertise timer
val	Advertisement interval in milliseconds

Command Mode

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

timers basic

timers basic <update> <invalid> <holddown> <garbage> | no timers basic [<update> <invalid> <holddown> <garbage>]

Syntax Description

no	Negate a command or set its defaults
timers	RIP set timers
basic	RIP set basic timers
update	RIP update period
invalid	RIP route timeout period
holddown	RIP route holddown period
garbage	RIP route garbage period

Command Mode

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

timers bestpath-defer maximum

[no] timers bestpath-defer <bestpath-defer-time> maximum <bestpath-defer-time-max>

Syntax Description

no	(Optional) Negate a command or set its defaults
timers	Configure bgp related timers
bestpath-defer	Configure bestpath defer timer value for batch prefix processing
bestpath-defer-time	Bestpath defer time (mseconds)
maximum	Configure bestpath defer timer maximum value
bestpath-defer-time-max	Maximum bestpath defer time (mseconds)

Command Mode

- /exec/configure/router-bgp/router-bgp-af

timers bestpath-limit

timers bestpath-limit <bestpath-timeout> [always] | no timers bestpath-limit [<bestpath-timeout>]

Syntax Description

no	Negate a command or set its defaults
timers	Configure bgp related timers
bestpath-limit	Configure timeout for first bestpath after restart
bestpath-timeout	Bestpath timeout (seconds)
always	(Optional) Configure update-delay-always option

Command Mode

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

timers bgp

[no] timers bgp <keepalive-interval> <hold-time>

Syntax Description

no	(Optional) Negate a command or set its defaults
timers	Configure bgp related timers
bgp	Configure different bgp keepalive and holdtimes
keepalive-interval	Keepalive interval (seconds)
hold-time	Holdtime (seconds)

Command Mode

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

timers lsa-arrival

{ { timers lsa-arrival <interval> } | { no timers lsa-arrival [<interval>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
lsa-arrival	Mimimum interval between arrival of a LSA
interval	Interval value (milliseconds)

Command Mode

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

timers lsa-arrival

{ { timers lsa-arrival <interval> } | { no timers lsa-arrival [<interval>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
lsa-arrival	Mimimum interval between arrival of a LSA
interval	Interval value (millisecond)

Command Mode

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

timers lsa-group-pacing

{ { timers lsa-group-pacing <interval> } | { no timers lsa-group-pacing [<interval>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
lsa-group-pacing	LSA group refresh/maxage interval
interval	Interval value (seconds)

Command Mode

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

timers lsa-group-pacing

{ { timers lsa-group-pacing <interval> } | { no timers lsa-group-pacing [<interval>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
lsa-group-pacing	LSA group refresh/maxage interval
interval	Interval value (seconds)

Command Mode

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

timers prefix-peer-timeout

timers prefix-peer-timeout <prefixpeer-timeout> | no timers prefix-peer-timeout [<prefixpeer-timeout>]

Syntax Description

no	Negate a command or set its defaults
timers	Configure bgp related timers
prefix-peer-timeout	Configure how long state for a prefix peer is maintained
prefixpeer-timeout	Prefix Peer timeout (seconds)

Command Mode

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

timers prefix-peer-wait

timers prefix-peer-wait <prefixpeer-wait> | no timers prefix-peer-wait [<prefixpeer-wait>]

Syntax Description

no	Negate a command or set its defaults
timers	Configure bgp related timers
prefix-peer-wait	Configure wait timer for a prefix peer
prefixpeer-wait	Prefix peer wait timer (seconds)

Command Mode

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

timers throttle lsa

{ { timers throttle lsa <start-time> <hold-time> <max-time> } | { no timers throttle lsa [<start-time> <hold-time> <max-time>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
throttle	Set rate-limiting values (milliseconds)
lsa	Set rate-limiting for LSA generation
start-time	Start interval (milliseconds)
hold-time	Hold interval (milliseconds)
max-time	Max interval (milliseconds)

Command Mode

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

timers throttle lsa

{ { timers throttle lsa <start-time> <hold-time> <max-time> } | { no timers throttle lsa [<start-time> <hold-time> <max-time>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
throttle	Set rate-limiting values (milliseconds)
lsa	Set rate-limiting for LSA generation
start-time	Start interval (milliseconds)
hold-time	Hold interval (milliseconds)
max-time	Max interval (milliseconds)

Command Mode

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

timers throttle spf

{ { timers throttle spf <start-time> <hold-time> <max-time> } | { no timers throttle spf [<start-time> <hold-time> <max-time>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
throttle	Configure timer related constants
spf	OSPF SPF timers
start-time	Initial SPF schedule delay in milliseconds
hold-time	Minimum hold time between SPF calculations
max-time	Maximum wait time between SPF calculations

Command Mode

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

timers throttle spf

{ { timers throttle spf <start-time> <hold-time> <max-time> } | { no timers throttle spf [<start-time> <hold-time> <max-time>] } }

Syntax Description

no	Negate a command or set its defaults
timers	Configure timer related constants
throttle	Configure timer related constants
spf	OSPF SPF timers
start-time	Initial SPF schedule delay in milliseconds
hold-time	Minimum hold time between SPF calculations
max-time	Maximum wait time between SPF calculations

Command Mode

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

tls

[no] tls

Syntax Description

no	(Optional) Negate a command or set its defaults
tls	One Platform TLS transport configuration mode

Command Mode

- /exec/configure/onep

tls trust-point local remote

tls trust-point local <tp_local> remote <tp_remote> | no tls trust-point

Syntax Description

no	Negate a command or set its defaults
tls	OpenFlow switch tls
trust-point	Configure local and remote trustpoints
local	Configure local trustpoint
tp_local	Local trustpoint name
remote	Configure remote trustpoint
tp_remote	Remote trustpoint name

Command Mode

- /exec/configure/openflow/switch

tls trust-point local remote

tls trust-point local <tp_local> remote <tp_remote> | no tls trust-point

Syntax Description

no	Negate a command or set its defaults
tls	OpenFlow switch tls
trust-point	Configure local and remote trustpoints
local	Configure local trustpoint
tp_local	Local trustpoint name
remote	Configure remote trustpoint
tp_remote	Remote trustpoint name

Command Mode

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

topology holddown sigerr

[no] topology holddown sigerr | topology holddown sigerr <sec>

Syntax Description

no	Negate a command or set its defaults
topology	Topology Database Configuration
holddown	Topology Database hold down timers
sigerr	Link hold down time for signalling errors
sec	Hold down time in seconds

Command Mode

- /exec/configure/te

tos

{ { no | default } tos | tos <tos-value> }

Syntax Description

no	
default	Set a command to its defaults
tos	Type of Service
tos-value	Type of Service Value

Command Mode

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

tr

| tr [-c | -d | -s | -t] + <SET1> [<SET2>]

Syntax Description

|	Pipe command output to filter
tr	Translate, squeeze, and/or delete characters
-c	(Optional) first complement SET1
-d	(Optional) delete characters in SET1, do not translate
-s	(Optional) replace each sequence of a repeated character from SET1 with single occurrence of that character
-t	(Optional) first truncate SET1 to length of SET2
SET1	character SET1: CHAR1-CHAR2 = all characters from CHAR1 to CHAR2 in ascending order special chars: (tab) (new line) [:alnum:] [:alpha:] [:digit:] [:graph:] (printable, no space) [:print:] (printable, with space) [:lower:] [:upper:] [:space:] (tab or space)
SET2	(Optional) character SET2 (for translation length is extended to length of SET1 by repeating last char, excess chars are ignored): format same as SET1 [CHAR*] = copies of CHAR until length of SET1 [CHAR*REPEAT] = REPEAT copies of CHAR

Command Mode

- /output

trace buffer size

trace buffer { error | warning | event } size <size>

Syntax Description

trace	MPLS static trace
buffer	MPLS static trace buffer
error	MPLS static error trace
warning	MPLS static warning trace
event	MPLS static event trace
size	trace buffer size in Kbytes
size	trace buffer size in Kbytes

Command Mode

- /exec/configure/mpls_static

traceroute

traceroute { <host> | <hostname> } [port <portnumber>] [[source-interface <src-intf>] | [[source { <host> | <hostname> | <interface> }] [vrf { <vrf-name> | <vrf-known-name> }]]]

Syntax Description

traceroute	Traceroute
host	IP address of remote system
hostname	Hostname of remote system
port	(Optional) Set destination port
portnumber	(Optional) Enter destination port number
source	(Optional) Set source address in IP header
interface	(Optional) Interface
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
source-interface	(Optional) Select source interface
src-intf	(Optional) Specify interface

Command Mode

- /exec

traceroute6

traceroute6 { <host> | <hostname> } [[[source { <host> | <hostname> | <interface> }] [vrf { <vrf-name> | <vrf-known-name> }]] | [source-interface <src-intf>]]

Syntax Description

traceroute6	Traceroute6
hostname	Hostname of remote system
source	(Optional) Set source address in IPv6 header
interface	(Optional) Interface
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
source-interface	(Optional) Select source interface
src-intf	(Optional) Specify interface

Command Mode

- /exec

traceroute mpls

traceroute mpls [{ nil-fec labels <comma-separated-labels> } { output { ointerface <tx-interface> } nexthop <nexthop-ip-addr> } [{ timeout <seconds> } | { destination <addr-start> [<addr-end> [<addr-incr-mask> | <addr-incr>]] } | { source <addr> } | { exp <exp-value> } | { ttl <ttl-max> } | { verbose } | { reply { { mode { <reply-mode-ipv4> | router-alert | no-reply } } | { dscp { <dscp-bits> | af11 | af12 | af13 | af21 | af22 | af23 | af31 | af32 | af33 | af41 | af42 | af43 | cs1 | cs2 | cs3 | cs4 | cs5 | cs6 | cs7 | default | ef } } } } + | { force-explicit-null } | { flags { fec } }] +]

Syntax Description

traceroute	need
mpls	Test
nil-fec	(Optional) Target
labels	(Optional) A
comma-separated-labels	(Optional) A
timeout	(Optional) Timeout
seconds	(Optional) Timeout
destination	(Optional) Destination
addr-start	(Optional) Destination
addr-end	(Optional) Destination
addr-incr-mask	(Optional) Destination
addr-incr	(Optional) Destination
source	(Optional) Source
addr	(Optional) Source
exp	(Optional) EXP
exp-value	(Optional) EXP
ttl	(Optional) Maximum
ttl-max	(Optional) TTL
verbose	(Optional) Verbose
reply	(Optional) Reply
mode	(Optional) Reply
reply-mode-ipv4	(Optional) Send

router-alert	(Optional) Send
no-reply	(Optional) Send
dscp	(Optional) DSCP
dscp-bits	(Optional) Differentiated
af11	(Optional) Match
af12	(Optional) Match
af13	(Optional) Match
af21	(Optional) Match
af22	(Optional) Match
af23	(Optional) Match
af31	(Optional) Match
af32	(Optional) Match
af33	(Optional) Match
af41	(Optional) Match
af42	(Optional) Match
af43	(Optional) Match
cs1	(Optional) Match
cs2	(Optional) Match
cs3	(Optional) Match
cs4	(Optional) Match
cs5	(Optional) Match
cs6	(Optional) Match
cs7	(Optional) Match
default	(Optional) Match
ef	(Optional) Match
force-explicit-null	(Optional) Force
output	(Optional) Output
ointerface	(Optional) Echo
tx-interface	(Optional) Echo

nexthop	(Optional) Next
nexthop-ip-addr	(Optional) Next
flags	(Optional) Flag
fec	(Optional) Request

Command Mode

- /exec

traceroute nve

traceroute nve { { { { ip { <numeric10> | <numeric11> | unknown } } [vrf { <vrf-name> | <vrf-known-name> } | { <dot1qid1> }] } | mac <dmac> <dot1qid> [<intfid>] } [profile <pid>] [payload { [mac-addr <dstmac> <smac>] [dot1q <dot1q-id>] [ip <dstip> <srcip> | ipv6 <dstipv6> <srcipv6>] [port <sport> <dport>] [proto <proto-id>] } payload-end] [source { <numeric1> | <numeric2> } |

Syntax Description

traceroute	Test
nve	network virtualization edge
numeric10	Ipv4 address of remote host / VTEP
unknown	Peer vtep ip is unknown, will be derived from payload
intfid	(Optional) Name of the interface for ngoam traceroute on which dot1q is configured
profile	(Optional) NGOAM profile to use
pid	(Optional) NGOAM profile id
mac	Mac
dmac	Destination mac address
dot1qid	Encapsulation dot1q/bd on which the mac is learnt
dot1qid1	(Optional) Encapsulation dot1q/bd on which the mac is learnt
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
source	(Optional) Source
numeric1	(Optional) IP
payload	(Optional) Enter customer payload
mac-addr	(Optional) Mac
dstmac	(Optional) Destination mac address
smac	(Optional) Source mac address
dot1q	(Optional) Encapsulation dot1q/bd
dot1q-id	(Optional) Encapsulation dot1q/bd on which the mac is learnt
ip	ip address

dstip	(Optional) Destination ipv4 address
srcip	(Optional) source ipv4 address
ipv6	(Optional) ipv6 address
port	(Optional) L4 port info
sport	(Optional) Source port
dport	(Optional) Destination port
proto	(Optional) Protocol
proto-id	(Optional) IANA Protocol id
payload-end	(Optional) End payload info input

Command Mode

- /exec

track-adjacency-nexthop

[no] track-adjacency-nexthop

Syntax Description

no	(Optional) Negate a command or set its defaults
track-adjacency-nexthop	Track next-hop for same-site Overlay adjacencies

Command Mode

- /exec/configure/otv-isis

track

track <object-id>

Syntax Description

track	Object tracking deletion command
object-id	Tracked Object

Command Mode

- /exec/configure

track

[no] track <object-id> [force]

Syntax Description

no	Negate a command or set its defaults
track	Object tracking deletion command
object-id	Tracked Object
force	(Optional) Completely remove the object

Command Mode

- /exec/configure

track

track <object-id> { { ip_v4 route <route-prefix> reachability [hmm] } | { ip_v6 routev6 <v6route-prefix> reachability [hmm] } }

Syntax Description

track	Object tracking configuration command
object-id	Tracked Object
ip_v4	IPv4 protocol
route	IPv4 route
route-prefix	Specify ipv4 route prefix
ip_v6	IPv6 protocol
routev6	IPv6 route
reachability	Route reachability state
hmm	(Optional) Track routes owned by hmm

Command Mode

- /exec/configure

track

track <object-id> { ip_v4 sla <sla-id> [sla_reachability | sla_state] }

Syntax Description

track	Object tracking configuration command
object-id	Tracked Object
ip_v4	IPv4 protocol
sla	IP Service Level Agreement
sla-id	Entry number
sla_reachability	(Optional) Reachability
sla_state	(Optional) return code state

Command Mode

- /exec/configure

track

track <object-id> { list { boolean <bool-val> } }

Syntax Description

track	Object tracking configuration command
object-id	Tracked Object
list	Object tracking list
boolean	boolean list type
bool-val	boolean list type

Command Mode

- /exec/configure

track

track <object-id> { list threshold <weight-val> }

Syntax Description

track	Object tracking configuration command
object-id	Tracked Object
list	Object tracking list
threshold	threshold type
weight-val	threshold weight type

Command Mode

- /exec/configure

track

track <object-id> { list threshold <percentage-val> }

Syntax Description

track	Object tracking configuration command
object-id	Tracked Object
list	Object tracking list
threshold	threshold type
percentage-val	threshold percentage type

Command Mode

- /exec/configure

track

[no] track <object-number> [decrement <value>]

Syntax Description

no	(Optional) Negate a command or set its defaults
track	Associates track object to HSRP group
object-number	Set the object number to the group
decrement	(Optional) Decrements when tracked object goes down
value	(Optional) Set the value to decrement from priority

Command Mode

- /exec/configure/if-eth-any/hsrp_ipv4 /exec/configure/if-eth-any/hsrp_ipv6

track

track <object-number> | no track

Syntax Description

no	Negate a command or set its defaults
track	Associates track object to Anycast Bundle
object-number	Set the object number

Command Mode

- /exec/configure/anycast

track

track <track-obj> | no track <track-obj>

Syntax Description

no	Negate a command or set its defaults
track	Tracking object to suspend vPC if object goes down
track-obj	Tracked object

Command Mode

- /exec/configure/vpc-domain

track data

[no] track data <loc-uri>

Syntax Description

no	(Optional) Negate a command or set its defaults
data	User files to preserve
track	Track file uri
loc-uri	Enter file uri

Command Mode

- /exec/configure/personality

track interface

track <object-id> interface <ifnum> { line-protocol | ipv4 routing | ipv6 routingv6 }

Syntax Description

track	Object tracking configuration commands
object-id	Tracked Object
interface	Interface to track
ifnum	Interface type and number
line-protocol	Track interface line-protocol
ipv4	IPv4 parameters
routing	Track interface ipv4 routing
ipv6	IPv6 parameters
routingv6	Track interface ipv6 routing

Command Mode

- /exec/configure

track interface priority

{ { track { { interface <intf_num> priority <priority_value> } | { <object-num> [decrement <decrement-value>] } } } | { no track [{ { interface <intf_num> priority <priority_value> } | { <object-num> [decrement <decrement-value>] } }] } }

Syntax Description

no	Negate a command or set its defaults
track	Track the availability of another interface/object
interface	Select the tracked interface(Native tracking)
intf_num	
priority	Vr priority used when the tracked interface is down
priority_value	
object-num	Set the object number to the group(Object tracking)
decrement	(Optional) Decrements priority when tracked object goes down
decrement-value	(Optional) Set the value to decrement from priority

Command Mode

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

track running-state track startup-state

[no] track running-state | [no] track startup-state

Syntax Description

no	(Optional) Negate a command or set its defaults
track	Track file uri
running-state	active patches, third-party RPMs, and running-config
startup-state	committed patches, third-party RPMs, and startup-config

Command Mode

- /exec/configure/personality

tracking enable

[no] tracking { enable [reachable-lifetime { <reach_secs> | infinite }] | disable [stale-lifetime { <stale_secs> | infinite }] }

Syntax Description

no	(Optional) Negate a command or set its defaults
reach_secs	(Optional) Seconds
stale_secs	(Optional) Seconds
infinite	(Optional) Keep entry in chosen state forever

Command Mode

- /exec/configure/config-snoop-policy

traffic-class

{ { no | default } traffic-class | traffic-class <traffic-class> }

Syntax Description

no	
default	Set a command to its defaults
traffic-class	Traffic Class
traffic-class	Traffic Class Value

Command Mode

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

traffic-share

[no] traffic-share { balanced | { min across-interfaces } }

Syntax Description

no	(Optional) Negate a command or set its defaults
traffic-share	How to compute traffic share over alternate paths
balanced	Share inversely proportional to metric
min	All traffic shared among min metric paths
across-interfaces	Use different interfaces for equal-cost paths

Command Mode

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

transmit-delay

{ { transmit-delay <delay> } | { no transmit-delay [<delay>] } }

Syntax Description

no	Negate a command or set its defaults
transmit-delay	Packet transmission delay
delay	(seconds)

Command Mode

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

transmit-delay

{ { transmit-delay <delay> } | { no transmit-delay [<delay>] } }

Syntax Description

no	Negate a command or set its defaults
transmit-delay	Packet transmission delay
delay	(seconds)

Command Mode

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

transmit-delay

{ { transmit-delay <delay> } | { no transmit-delay [<delay>] } }

Syntax Description

no	Negate a command or set its defaults
transmit-delay	Packet transmission delay
delay	(seconds)

Command Mode

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

transport connection-mode passive

[no | default] transport connection-mode passive

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
transport	BGP transport connection
connection-mode	Specify type of connection
passive	Allow passive connection setup only

Command Mode

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

transport email

{ transport email { from <s0> | reply-to <s1> | smtp-server { <hostipv4> | <hostipv6> | <hostname> } [port <i1>] [use-vrf <s2>] } | no transport email smtp-server | no transport email { from | reply-to } }

Syntax Description

no	Negate a command or set its defaults
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
hostname	SMTP server(DNS name or IPv4 or IPv6 address)
hostipv4	IPV4 address of SMTP server
port	(Optional) Configure SMTP server port (default:25)
i1	(Optional) SMTP server port
use-vrf	(Optional) Configure vrf name
s2	(Optional) vrf name

Command Mode

- /exec/configure/callhome

transport email mail-server

{ [no] transport email mail-server { <hostipv4> | <hostipv6> | <hostname> } [port <i1>] [priority <i2>] [use-vrf <s2>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
transport	Configure transport related configuration
email	Configure email transport related configuration
mail-server	Configure SMTP server address (for supporting multiple SMTP-servers)
hostname	SMTP server(DNS name or IPv4 or IPv6 address)
hostipv4	IPV4 address of SMTP server
port	(Optional) Configure SMTP server port (default:25)
i1	(Optional) SMTP server port
use-vrf	(Optional) Configure vrf name
s2	(Optional) vrf name
priority	(Optional) Configure SMTP server priority (1-100) (default:50)
i2	(Optional) SMTP server priority

Command Mode

- /exec/configure/callhome

transport http proxy enable

[no] transport http proxy enable

Syntax Description

no	(Optional) Negate a command or set its defaults
transport	Configure transport related configuration
http	Configure transport option for http urls
proxy	Configure proxy for http transport
enable	Enable the usage of proxy server for messages sent over http(s)

Command Mode

- /exec/configure/callhome

transport http proxy server

{ transport http proxy server { <hostname> } [port <i1>] } | { no transport http proxy server }

Syntax Description

no	Negate a command or set its defaults
transport	Configure transport related configuration
http	Configure transport option for http urls
proxy	Configure proxy for http transport
server	Configure proxy server address and port
hostname	Proxy server name or IP address(DNS name or IPv4 or IPv6 address)
port	(Optional) Configure Proxy server port (default:8080)
i1	(Optional) Proxy server port

Command Mode

- /exec/configure/callhome

transport http use-vrf

transport http use-vrf <s2> | no transport http use-vrf

Syntax Description

no	Negate a command or set its defaults
transport	Configure transport related configuration
http	Configure transport option for http urls
use-vrf	Configure vrf name
s2	vrf name

Command Mode

- /exec/configure/callhome

transport type tcp

[no] transport type { { tcp [port <tportnum>] [access-class <aclname>] } | { tls [{ disable-remotecert-validation [{ localcert <localtp> [{ port <tportnum> [access-class <aclname>] } | { access-class <aclname> [port <tportnum>] }] } | { port <tportnum> [{ localcert <localtp> [access-class <aclname>] } | { access-class <aclname> [localcert <localtp>] }] } | { access-class <aclname> [{ localcert <localtp> [port <tportnum>] } | { port <tportnum> [localcert <localtp>] }] }] } | { localcert <localtp> [{ disable-remotecert-validation [{ port <tportnum> [access-class <aclname>] } | { access-class <aclname> [port <tportnum>] }] } | { port <tportnum> [{ disable-remotecert-validation [access-class <aclname>] } | { access-class <aclname> [disable-remotecert-validation] }] } | { access-class <aclname> [{ disable-remotecert-validation [port <tportnum>] } | { port <tportnum> [disable-remotecert-validation] }] }] } | { port <tportnum> [{ disable-remotecert-validation [{ localcert <localtp> [access-class <aclname>] } | { access-class <aclname> [localcert <localtp>] }] } | { localcert <localtp> [{ disable-remotecert-validation [access-class <aclname>] } | { access-class <aclname> [disable-remotecert-validation] }] } | { access-class <aclname> [{ disable-remotecert-validation [localcert <localtp>] } | { localcert <localtp> [disable-remotecert-validation] }] }] } | { access-class <aclname> [{ disable-remotecert-validation [{ localcert <localtp> [port <tportnum>] } | { port <tportnum> [localcert <localtp>] }] } | { localcert <localtp> [{ disable-remotecert-validation [port <tportnum>] } | { port <tportnum> [disable-remotecert-validation] }] } | { port <tportnum> [{ disable-remotecert-validation [localcert <localtp>] } | { localcert <localtp> [disable-remotecert-validation] }] }] } | { remotecert <remotetp> [{ localcert <localtp> [{ port <tportnum> [access-class <aclname>] } | { access-class <aclname> [port <tportnum>] }] } | { port <tportnum> [{ localcert <localtp> [access-class <aclname>] } | { access-class <aclname> [localcert <localtp>] }] } | { access-class <aclname> [{ localcert <localtp> [port <tportnum>] } | { port <tportnum> [localcert <localtp>] }] }] } | { localcert <localtp> [{ remotecert <remotetp> [{ port <tportnum> [access-class <aclname>] } | { access-class <aclname> [port <tportnum>] }] } | { port <tportnum> [{ remotecert <remotetp> [access-class <aclname>] } | { access-class <aclname> [remotecert <remotetp>] }] } | { access-class <aclname> [{ remotecert <remotetp> [port <tportnum>] } | { port <tportnum> [remotecert <remotetp>] }] }] } | { port <tportnum> [{ remotecert <remotetp> [{ localcert <localtp> [access-class <aclname>] } | { access-class <aclname> [localcert <localtp>] }] } | { localcert <localtp> [{ remotecert <remotetp> [access-class <aclname>] } | { access-class <aclname> [remotecert <remotetp>] }] } | { access-class <aclname> [{ remotecert <remotetp> [localcert <localtp>] } | { localcert <localtp> [remotecert <remotetp>] }] }] } | { access-class <aclname> [{ remotecert <remotetp> [{ localcert <localtp> [port <tportnum>] } | { port <tportnum> [localcert <localtp>] }] } | { localcert <localtp> [{ remotecert <remotetp> [port <tportnum>] } | { port <tportnum> [remotecert <remotetp>] }] } | { port <tportnum> [{ remotecert <remotetp> [localcert <localtp>] } | { localcert <localtp> [remotecert <remotetp>] }] }] } } }

Syntax Description

no	(Optional) Negate a command or set its defaults
transport	Transport command
type	Session transport
tcp	TCP transport
tls	TLS transport
disable-remotecert-validation	(Optional) Disable Remote Certificate Validation
localcert	(Optional) Local Certificate

localtp	(Optional) Local Trust Point Name
remotecert	(Optional) Remote Certificate Validation
remotetp	(Optional) Remote Trust Point Name
port	(Optional) Port number
tportnum	(Optional) Number
access-class	(Optional) Filter incoming connections based on IP access list
aclname	(Optional) IP access list name

Command Mode

- /exec/configure/onep

transport udp

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

Syntax Description

transport	Transport Destination Port
udp	Destination UDP Port
portnumber	Destination UDP Port

Command Mode

- /exec/configure/nfm-exporter

trigger reset

trigger reset

Syntax Description

trigger	Define A Trigger
reset	Reset triggers

Command Mode

- /exec/elamns

trusted-port

[no] trusted-port

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/config-snoop-policy

trusted-port

[no] trusted-port

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/config-dhcp-guard

trusted-port

[no] trusted-port

Syntax Description

no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/config-ra-guard

trustpoint server-identity

{ trustpoint server-identity <tp-server> } | { no trustpoint server-identity [<tp-server>] } | { [no] trustpoint client-verification <tp-client> }

Syntax Description

no	Negate a command or set its defaults
trustpoint	Trustpoint configuration
server-identity	Server trustpoint
tp-server	Trustpoint name
client-verification	Client trustpoint
tp-client	Trustpoint name

Command Mode

- /exe/configure/onep/tls

ttag-marker-interval

[no] ttag-marker-interval <seconds>

Syntax Description

no	(Optional) Negate a command or set its defaults
ttag-marker-interval	Marker packet interval
seconds	Interval in seconds

Command Mode

- /exec/configure

ttag-marker enable

[no] ttag-marker enable

Syntax Description

no	(Optional) Negate a command or set its defaults
ttag-marker	Enable/Disable marker packet on interface
enable	Enable/Disable marker packet on interface

Command Mode

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

ttag

[no] ttag

Syntax Description

no	(Optional) Negate a command or set its defaults
ttag	enable ingress packet with ttag on this interface

Command Mode

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

ttl-security hops

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

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
ttl-security	Enable TTL Security Mechanism
hops	Specify hop count for remote peer
ebgp-ttl	EBGP hop count value

Command Mode

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

tunnel destination

tunnel destination { { <ip-addr> | <ip-prefix> | { <ip-addr> <ip-mask> } } | <ipv6-addr> } | no tunnel destination [<ip-addr> | <ip-prefix> | { <ip-addr> <ip-mask> } | <ipv6-addr>]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
destination	destination of tunnel packets
ip-addr	IPv4 address (A.B.C.D)
ip-prefix	IPv4 mask (A.B.C.D/LEN)
ip-mask	IPv4 mask A.B.C.D

Command Mode

- /exec/configure/if-gre-tunnel

tunnel mode

tunnel mode { { gre [ip | ipv6] } | { ipip [ip | ipv6] } | { ipip decapsulate-any [ip | ipv6] } | { ipv6ip [decapsulate-any] } | { ipv6ipv6 [decapsulate-any] } } | no tunnel mode

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
mode	tunnel encapsulation method
gre	generic route encapsulation protocol
ipip	IP in IP protocol
decapsulate-any	decapsulate any
ip	(Optional) over IP
ipv6	(Optional) over IPv6
ipv6ip	IPv6 in IPv4 protocol
ipv6ipv6	IPv6 in IPv6 protocol

Command Mode

- /exec/configure/if-any-tunnel

tunnel path-mtu-discovery

[no] tunnel path-mtu-discovery

Syntax Description

no	(Optional) Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
path-mtu-discovery	Enable Path MTU Discovery on tunnel

Command Mode

- /exec/configure/if-any-tunnel

tunnel path-mtu-discovery age-timer

tunnel path-mtu-discovery age-timer { <age-time> | infinite } | no tunnel path-mtu-discovery age-timer [{ <age-time> | infinite }]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
path-mtu-discovery	Enable Path MTU Discovery on tunnel
age-timer	Set PMTUD aging timer
age-time	Aging time
infinite	Disable pathmtu aging timer

Command Mode

- /exec/configure/if-any-tunnel

tunnel path-mtu-discovery min-mtu

tunnel path-mtu-discovery min-mtu <mtu> | no tunnel path-mtu-discovery min-mtu [<mtu>]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
path-mtu-discovery	Enable Path MTU Discovery on tunnel
min-mtu	Min pmtud mtu allowed
mtu	Bytes

Command Mode

- /exec/configure/if-any-tunnel

tunnel source

tunnel source { <intf> | <ip-prefix> | { <ip-addr> [<ip-mask>] } | <ipv6-addr> | direct } | no tunnel source [<intf> | <ip-prefix> | { <ip-addr> [<ip-mask>] } | <ipv6-addr> | direct]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
source	source of tunnel packets
intf	interface
ip-addr	IPv4 address (A.B.C.D)
ip-prefix	IPv4 address (A.B.C.D/LEN)
ip-mask	(Optional) IPv4 mask A.B.C.D
direct	all directly connected IP

Command Mode

- /exec/configure/if-gre-tunnel

tunnel ttl

tunnel ttl <ttl_val> | no tunnel ttl [<ttl_val>]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
ttl	set time to live
ttl_val	time to live value

Command Mode

- /exec/configure/if-any-tunnel

tunnel use-vrf

tunnel use-vrf { <vrf-name> | <vrf-known-name> } | no tunnel use-vrf [{ <vrf-name> | <vrf-known-name> }]

Syntax Description

no	Negate a command or set its defaults
tunnel	protocol-over-protocol tunneling
use-vrf	set tunnel vrf membership
vrf-name	VRF name
vrf-known-name	Known VRF name

Command Mode

- /exec/configure/if-any-tunnel