P Commands

param-list

[no] param-list <plistname>

Syntax Description

no	(Optional) Negate a command or set its defaults
param-list	Configure a parameter list
plistname	Enter the name of the parameter list

Command Mode

- /exec/configure

parity

[no] parity { even | none | odd }

Syntax Description

no	(Optional) Negate a command or set its defaults
parity	Set terminal parity
even	Even parity
none	No parity
odd	Odd parity

Command Mode

- /exec/configure/com1

parity

[no] parity { even | none | odd }

Syntax Description

no	(Optional) Negate a command or set its defaults
parity	Set terminal parity
even	Even parity
none	No parity
odd	Odd parity

Command Mode

- /exec/configure/console

passive-interface default

[no] passive-interface default

Syntax Description

no	(Optional) Negate a command or set its defaults
passive-interface	Suppress routing updates on the interface
default	interfaces passive by default

Command Mode

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

passive-interface default (router-ospf3)

[no] passive-interface default

Syntax Description

no	(Optional) Negate a command or set its defaults
passive-interface	Suppress routing updates on the interface
default	interfaces passive by default

Command Mode

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

passive-interface default (router-eigrp-vrf-common)

[no] passive-interface default

Syntax Description

no	(Optional) Negate a command or set its defaults
passive-interface	Suppress routing updates on the interface
default	interfaces passive by default

Command Mode

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

passive-interface default (router-isis-vrf-common)

[no] passive-interface default <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
passive-interface	Suppress IS-IS PDU
default	Undo a command
level	IS-IS level

Command Mode

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

password

password <password-string> | { no | default } password [<password-string>]

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
password	Configure a password for neighbor
password-string	Neighbor password

Command Mode

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

password (passwd)

{ [no] password <passwd> }

Syntax Description

password	password
passwd	password

Command Mode

- /exec/configure/dot1x-cred

password (ldp)

password [vrf { <vrf-name> | <vrf-known-name> }] { required [req-for <req-pfx-list>] | { fallback | option <seq-num> opt-for <opt-pfx-list> } { key-chain <name> } } | no password [vrf { <vrf-name> | <vrf-known-name> }] { required | fallback | option <seq-num> }

Syntax Description

no	Negate a command or set its defaults
password	Configure LDP password
vrf	(Optional) VRF Routing/Forwarding instance information
vrf-name	(Optional) VPN Routing/Forwarding instance name
vrf-known-name	(Optional) Known VRF name
required	Password is required for the peer
req-for	(Optional) Prefix list specifying control on LDP peers
req-pfx-list	(Optional) Prefix list for LDP peers
fallback	Specifies a fallback password will follow
option	LDP password option
seq-num	Sequence number of the LDP password option
opt-for	Prefix list specifying control on LDP peers
opt-pfx-list	Prefix list for LDP peers
key-chain	Specifies a key-chain name will follow
name	Key-chain name

Command Mode

- /exec/configure/ldp

password prompt username

[no] password prompt username

Syntax Description

no	(Optional) Negate a command or set its defaults
password	Password for the user
prompt	Enable prompt for password
username	Enable prompt for password on username command

Command Mode

- /exec/configure

password secure-mode

[no] password secure-mode

Syntax Description

no	(Optional) Negate a command or set its defaults
password	Password for the user
secure-mode	Enable secure mode for changing password

Command Mode

- /exec/configure

password strength-check

[no] password strength-check

Syntax Description

no	(Optional) Negate a command or set its defaults
password	Password for the user
strength-check	Strength check of password

Command Mode

- /exec/configure

path-option

[no] path-option [protect] <pref> | path-option <pref> dynamic [attributes <attr-name> | { bandwidth <kbps> | lockdown } +] | path-option [protect] <pref> explicit { identifier <id-num> | name <name> } [{ attributes <attr-name> [verbatim] | { bandwidth <kbps> | lockdown | verbatim } + }]

Syntax Description

no	Negate a command or set its defaults
path-option	a primary or fallback path setup option
protect	(Optional) a path protection setup option
pref	preference for this path option
dynamic	setup based on dynamically calculated path
explicit	setup based on preconfigured path
identifier	Specify an IP explicit path by number
id-num	Number of ip explicit path
name	Specify an IP explicit path by name
name	Name of ip explicit path
attributes	(Optional) Specify an LSP attribute list
attr-name	(Optional) Name of LSP attribute list
verbatim	(Optional) send out path as is, with no checking
bandwidth	(Optional) override the bandwidth configured on the tunnel
kbps	(Optional) bandwidth requirement in kbps
lockdown	(Optional) not a candidate for reoptimization
kbps	(Optional) bandwidth requirement in kbps
lockdown	(Optional) not a candidate for reoptimization

Command Mode

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

path-selection metric

path-selection metric { igp | te } | no path-selection metric

Syntax Description

no	Negate a command or set its defaults
path-selection	Path Selection Configuration
metric	Metric Type Configuration
igp	Use IGP metric
te	Use TE metric (*Default)

Command Mode

- /exec/configure/te

path-selection metric (if-te)

[no] path-selection metric | path-selection metric { igp | te }

Syntax Description

no	Negate a command or set its defaults
path-selection	Path Selection Configuration
metric	Metric type for path calculation
igp	Use IGP Metric
te	Use TE Metric

Command Mode

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

path-selection overload allow

[no] path-selection overload allow | path-selection overload allow { head [middle] [tail] | middle [tail] | tail }

Syntax Description

no	Negate a command or set its defaults
path-selection	Path Selection Configuration
overload	Overload Node Configuration
allow	Allow overloaded nodes in CSPFs
head	Allow overloaded head node in TE CSPF
middle	(Optional) Allow overloaded middle node in TE CSPF
tail	(Optional) Allow overloaded tail node in TE CSPF

Command Mode

- /exec/configure/te

pause

[no] pause { priority-group <priority-group-number> }

Syntax Description

no	(Optional) Negate a command or set its defaults
pause	PAUSE charecteristics (CBFC)
priority-group	ingress priority-group to which the traffic is mapped and pause limits are applied
priority-group-number	Priority group value

Command Mode

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

pause (pause-threshold)

[no] pause { no-drop | { delayed-drop <timeout> } | { [buffer-size <size-in-bytes> pause-threshold <xoff-bytes> resume-threshold <xon-bytes>] pfc-cos <pfc-cos-list> } }

Syntax Description

no	(Optional) Negate a command or set its defaults
pause	PAUSE charecteristics (CBFC)
no-drop	NO-DROP
delayed-drop	Enable delayed-drop for the CoS
timeout	Timer value for delayed drop
buffer-size	(Optional) Ingress buffer size in bytes
pause-threshold	(Optional) Buffer limit for pausing in bytes
resume-threshold	(Optional) Buffer limit at which to resume in bytes
pfc-cos	CoS values to assert PFC on
pfc-cos-list	List of class-of-service values

Command Mode

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

pause (resume-threshold)

[no] pause { buffer-size <size-in-bytes> pause-threshold <xoff-bytes> resume-threshold <xon-bytes> }

Syntax Description

no	(Optional) Negate a command or set its defaults
pause	PAUSE charecteristics (CBFC)
buffer-size	Ingress buffer size in bytes
pause-threshold	Buffer limit for pausing in bytes
resume-threshold	Buffer limit at which to resume in bytes

Command Mode

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

peer-gateway

peer-gateway [exclude-vlan <vlan-list>] | no peer-gateway

Syntax Description

no	Negate a command or set its defaults
peer-gateway	Enable L3 forwarding for packets destined to peer's gateway mac-address
exclude-vlan	(Optional) Specify VLANs to be excluded from peer-gateway functionality
vlan-list	(Optional) Specify the list of vlans

Command Mode

- /exec/configure/vpc-domain

peer-ip

[no] peer-ip <addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
peer-ip	Static IP Address Configuration
addr	Remote Peer IP Address

Command Mode

- /exec/configure/if-nve/vni/ingr-rep

peer-keepalive destination

peer-keepalive destination <dst-ip> [[source <src-ip> | udp-port <udp-port-num> | vrf { <vrf-name> | <vrf-known-name> } | { interval <interval-ms> timeout <time-out> } | tos-byte <tos-byte-value> | hold-timeout <hold-time-out>] + | [source <src-ip> | udp-port <udp-port-num> | vrf { <vrf-name> | <vrf-known-name> } | { interval <interval-ms> timeout <time-out> } | tos { <tos-value> | min-delay | max-throughput | max-reliability | min-monetary-cost | normal } | hold-timeout <hold-time-out>] + | [source <src-ip> | udp-port <udp-port-num> | vrf { <vrf-name> | <vrf-known-name> } | { interval <interval-ms> timeout <time-out> } | precedence { <prec-vlaue> | network | internet | critical | flash-override | flash | immediate | priority | routine } | hold-timeout <hold-time-out>] +]

Syntax Description

peer-keepalive	Keepalive/Hello with peer switch
destination	specify destination ip address of peer switch
dst-ip	IPv4 address (A.B.C.D) of destination
source	(Optional) source interface for hello
src-ip	(Optional) IPv4 address (A.B.C.D) of source
udp-port	(Optional) enter UDP port number used for hello
udp-port-num	(Optional) udp port number for hellos
vrf	(Optional) vrf to be used for hello messages
vrf-name	(Optional) vrf to be used for hellos
vrf-known-name	(Optional) Known VRF name
interval	(Optional) enter interval in milleseconds
interval-ms	(Optional) Enter interval in milleseconds
timeout	(Optional) enter timeout in seconds
time-out	(Optional) enter timeout in seconds
precedence	(Optional) Precedence
prec-vlaue	(Optional) Precedence value
network	(Optional) network (7)
internet	(Optional) internet (6)
critical	(Optional) critical (5)
flash-override	(Optional) flash-override (4)
flash	(Optional) flash (3)

immediate	(Optional) immediate (2)
priority	(Optional) priority (1)
routine	(Optional) routine (0)
tos	(Optional) Type of Service
tos-value	(Optional) Enter 4-bit TOS value
min-delay	(Optional) min-delay (8)
max-throughput	(Optional) max-throughput (4)
max-reliability	(Optional) max-reliability (2)
min-monetary-cost	(Optional) min-monetary-cost (1)
normal	(Optional) normal (0)
tos-byte	(Optional) Type of Service Byte
tos-byte-value	(Optional) Enter 8-bit TOS value
hold-timeout	(Optional) hold timeout to ignore stale peer alive messages
hold-time-out	(Optional) Enter hold-timeout in seconds

Command Mode

- /exec/configure/vpc-domain

peer-switch

[no] peer-switch

Syntax Description

no	(Optional) Negate a command or set its defaults
peer-switch	Enable peer switch on vPC pair switches

Command Mode

- /exec/configure/vpc-domain

peer ip

[no] peer ip <ip-addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
peer	ITD peer
ip	ITD peer ip
ip-addr	NICE node IP prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-inout

peer vdc

[no] peer vdc <vdc-id> service <service-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
peer	Peer cli for sandwich mode failure notification
vdc	Peer VDC involved in sandwich mode
service	Peer service involved in sandwich mode
vdc-id	VDC name of peer VDC
service-name	Peer service name string

Command Mode

- /exec/configure/itd

perf

perf [{ record { context-switch | profile } { system | process <i0> } [<s1>] } | { stop { all | <s0> } } | { list } | { create-archive <s2> } | { remove { all | <s3> } }]

Syntax Description

perf	Run perf tool to collect or process event data
record	(Optional) Record events to a file for later analysis
stop	(Optional) Stop a perf record.
list	(Optional) List recorded datasets
create-archive	(Optional) Create an archive of dataset for download
remove	(Optional) Remove recorded dataset(s)
all	(Optional) Act on all recorded datasets
context-switch	(Optional) Record context-switch events
profile	(Optional) Record periodic runtime samples
system	(Optional) Record events for all processes on all CPUS
process	(Optional) Record events for a specific process with the given pid
i0	(Optional) pid of process to record events
s0	(Optional) id of perf record session to stop
s1	(Optional) id to use for perf record session
s2	(Optional) id of perf dataset to create an archive
s3	(Optional) id of perf dataset to remove

Command Mode

- /exec

periodic-inventory notification

[no] periodic-inventory notification

Syntax Description

no	(Optional) Negate a command or set its defaults
periodic-inventory	Configure periodic software inventory message dispatch
notification	Enable periodic software inventory message dispatch

Command Mode

- /exec/configure/callhome

periodic-inventory notification

periodic-inventory notification { interval <i0> | timeofday <s0> }

Syntax Description

periodic-inventory	Configure periodic software inventory message dispatch
notification	Enable periodic software inventory message dispatch
interval	Configure the time period for periodic inventory
i0	Time period in days (default is 7 days)
timeofday	Configure the timeofday for periodic inventory in HH:MM format
s0	Time period in HH:MM format

Command Mode

- /exec/configure/callhome

permit interface

[no] permit interface <if0>

Syntax Description

no	(Optional) Negate a command or set its defaults
permit	Permit access to interfaces (applicable if interface policy is 'deny')
interface	Enter the range of interfaces accessible the role
if0	Enter the interface range

Command Mode

- /exec/configure/role/interface

permit vlan

[no] permit vlan <vlan-mrange>

Syntax Description

no	(Optional) Negate a command or set its defaults
permit	Permit access to vlans (applicable if vlan policy is 'deny')
vlan	Enter the range of vlans accessible the role
vlan-mrange	Enter the vlan range

Command Mode

- /exec/configure/role/vlan

permit vrf

[no] permit vrf <vrf-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
permit	Permit access to vrf (applicable if vrf policy is 'deny')
vrf	Enter the range of vrf accessible the role
vrf-name	Enter the vrf name

Command Mode

- /exec/configure/role/vrf

permit vsan

[no] permit vsan <vsan-mrange>

Syntax Description

no	(Optional) Negate a command or set its defaults
permit	Permit access to vsans (applicable if vsan policy is 'deny')
vsan	Enter the range of vsans accessible the role
vsan-mrange	Enter the vsan range

Command Mode

- /exec/configure/role/vsan

phone-contact

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

Syntax Description

no	Negate a command or set its defaults
phone-contact	Contact person's phone number
s0	Phone number in international format(such as +1-800-123-4567)

Command Mode

- /exec/configure/callhome

pktmgr cache disable

{ [no] pktmgr cache disable }

Syntax Description

no	(Optional) Negate a command or set its defaults
pktmgr	packet manager
cache	Disable cache
disable	Disable cache

Command Mode

- /exec/configure

platform

[no] { platform | hardware } access-list capture

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
access-list	Access Control List
capture	Configure ACL capture

Command Mode

- /exec/configure

platform access-list fp_dnl

[no] { platform | hardware } access-list fp_dnl

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
access-list	Access control list
fp_dnl	Fabric path - do not learn mac from broadcast

Command Mode

- /exec/configure

platform forwarding layer-2 f1 exclude supervisor

[no] { platform | hardware } forwarding layer-2 f1 exclude supervisor

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
forwarding	Forwarding information
layer-2	L2 only mode
f1	N7K-F132XP-15 module
exclude	Exclude supervisor from getting copies of ARP and multicast packets
supervisor	Supervisor module

Command Mode

- /exec/configure

platform access-list update

[no] { platform | hardware } access-list update { { atomic } | { default-result permit } }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
access-list	Access Control List
update	Configure atomic/non-atomic update and default-result
atomic	Enable atomic update of access-list in hardware
default-result	Default access-list result during non-atomic hardware update
permit	Permit all packets during non-atomic update

Command Mode

- /exec/configure

platform qos

[no] { platform | hardware } qos { ns-buffer-profile <buff-prof-opts> [module <module>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
qos	Configure qos related configuration
ns-buffer-profile	NorthStar buffer absorption profiles
buff-prof-opts	
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec/configure

platform qos

[no] { platform | hardware } qos { min-buffer qos-group <buff-prof-opts> [module <module>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
qos	Configure qos related configuration
min-buffer	minimum/reserved buffer selection
qos-group	Qos Group
buff-prof-opts	
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec/configure

platform qos eoq

[no] { platform | hardware } qos eoq { stats-class qos-group { all | <qos-grp-val> } [module <module>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
qos	Configure QoS related configuration
eoq	Extended Output Queue(EOQ) related configuration
stats-class	Select class for which to report the statistics
qos-group	Qos Group
qos-grp-val	QoS group value
all	all Qos Groups
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec/configure

platform qos

[no] { platform | hardware } qos { ing-pg-share [module <module>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
qos	Configure qos related configuration
ing-pg-share	Select Ingress PG Shared Buffer Usage
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec/configure

platform rate-limiter

{ platform | hardware } rate-limiter { layer-3 { <l3-opts> | multicast <mcast-opts> } | layer-2 { <l2-opts> } | <opts> | f1 <f1-opts> } { <pps> [burst <burst>] | disable } [module <module> [port <start> <end>]] | no { platform | hardware } rate-limiter { layer-3 { <l3-opts> | multicast <mcast-opts> } | layer-2 { <l2-opts> } | <opts> | f1 <f1-opts> } [disable] [<pps>] [burst <burst>] [module <module> [port <start> <end>]]

Syntax Description

no	Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
rate-limiter	Configure Rate-Limiter for packets forwarded to supervisor
layer-3	Layer-3 control and Routed packets
l3-opts	
multicast	Multicast data packets
mcast-opts	
layer-2	Layer-2 control and Bridged packets
l2-opts	
opts	
pps	value in packets per sec
f1	Control packets from F1 modules to supervisor
f1-opts	
disable	Disable the rate-limiter
module	(Optional) Specify a module number
module	(Optional) Specify a module number
port	(Optional) Port range
start	(Optional) Port start index
end	(Optional) Port end index
burst	(Optional) Modify burst parameter
burst	(Optional) value of burst size

Command Mode

- /exec/configure

platform ip verify

[no] { platform | hardware } ip verify { address { source { broadcast | multicast } | class-e | destination { zero } | identical | reserved } | checksum | protocol | fragment | length { minimum | consistent | maximum { max-frag | udp | max-tcp } } | tcp { tiny-frag } | version | syslog }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
ip	IP
verify	Enable IPv4 and some IPv6 packet validation checks in hardware
address	IPv4 Source and destination address validation
source	Check source address
broadcast	Source address is 255.255.255.255
multicast	Source address is 224.x.x.x
destination	Check destination address
zero	Destination address is 0.0.0.0
class-e	Class E IDS check
identical	Same IP SA and DA
reserved	Source address is 127.x.x.x
checksum	Verify IPv4 and IPv6 packet checksum
protocol	Verify IP procotol
fragment	Check IPv4 and IPv6 fragment with non-zero offset and DF bit active
length	Validate IPv4 packet header and payload length
minimum	Minimum IPv4 header length
consistent	Actual frame size is equal to or more than IPv4 length plus ethernet header
maximum	Check max fragment offset and payload length
max-frag	Fragment offset field value
udp	Maximum UDP length has to be less than IPv4 payload length

max-tcp	Maximum TCP length has to be less than IPv4 payload length
tcp	Validate TCP packet header
tiny-frag	Check TCP tiny fragment
version	Must be 4 for an ethertype of IPv4 (0x0800)
syslog	Syslog Messages logging configuration for IDS check drops

Command Mode

- /exec/configure

platform ipv6 verify

[no] { platform | hardware } ipv6 verify { length { consistent | maximum { max-frag | udp | max-tcp } } | tcp { tiny-frag } | version }

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
ipv6	IPv6
verify	Enable IPv6 packet validation checks in hardware
length	Validate IPv6 packet header and payload length
consistent	Actual frame size is equal to or more than IPv6 length plus ethernet header
maximum	Check max fragment offset and payload length
max-frag	Fragment offset field value
udp	Maximum UDP length has to be less than IPv6 payload length
max-tcp	Maximum TCP length has to be less than IPv6 payload length
tcp	Validate TCP packet header
tiny-frag	Check TCP tiny fragment
version	Must be 6 for an ethertype of IPv6 (0x86DD)

Command Mode

- /exec/configure

platform forwarding interface statistics mode

[no] { platform | hardware } forwarding interface statistics mode { mpls | default } [module <module-num>]

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
forwarding	Hardware forwarding
interface	Interface
statistics	Statistics
mode	Statistics mode
mpls	Mpls mode
default	Default mode
module	(Optional) Specify a module number
module-num	(Optional) Specify a module number

Command Mode

- /exec/configure

platform fabricpath mac-learning module

[no] { platform | hardware } fabricpath mac-learning module <module> [port-group { 1-4 | 5-8 | 9-12 | 13-16 | 17-20 | 21-24 | 25-28 | 29-32 | 33-36 | 37-40 | 41-44 | 45-48 } +]

Syntax Description

no	(Optional) Negate a command or set its defaults
platform	Platform configuration commands
hardware	Hardware Internal Information
fabricpath	Fabric Path
mac-learning	MAC Learning
module	Specify a module number
module	Specify a module number
port-group	(Optional) Port Group

Command Mode

- /exec/configure

police

police { [cir] { <cir-val> [<opt_kbps_mbps_gbps_pps_cir>] | percent <cir-perc> } } { [{ [bc] <bc-val> [<opt_kbytes_mbytes_gbytes_bc>] }] } { [{ pir { <pir> [<opt_kbps_mbps_gbps_pps_pir>] | percent1 <pir-perc> } } [{ [be] <be-val> [<opt_kbytes_mbytes_gbytes_be>] }]] } { [{ conform { <opt_drop_transmit_conform> | { set-cos-transmit <set-cos-val> } | { set-dscp-transmit { <set-dscp-val> | <opt_set_dscp> } } | { set-prec-transmit { <set-prec-val> | <opt_set_prec> } } } } [{ exceed { <opt_drop_transmit_exceed> | { set dscp1 dscp2 table cir-markdown-map } } }] [{ violate { <opt_drop_transmit_violate> | { set1 dscp3 dscp4 table1 pir-markdown-map } } }]] } | police { pps { <pps-val> } }

Syntax Description

police	Police
cir	(Optional) Specify committed information rate
opt_kbps_mbps_gbps_pps_cir	(Optional) Units
percent	Specify rate as percentage of interface data-rate
pir	(Optional) Specify peak information rate
opt_kbps_mbps_gbps_pps_pir	(Optional) Units
percent1	(Optional) Specify rate as percentage of interface data-rate
be	(Optional) Specify extended burst
opt_kbytes_mbytes_gbytes_be	(Optional) Units
bc	(Optional) Specify committed burst
opt_kbytes_mbytes_gbytes_bc	(Optional) Units
conform	(Optional) Specify a conform action
opt_drop_transmit_conform	(Optional) Set the action
set-cos-transmit	(Optional) Set conform action cos val
set-cos-val	(Optional) 802.1Q Class of Service value
set-dscp-transmit	(Optional) Set conform action dscp val
set-dscp-val	(Optional) DSCP value
opt_set_dscp	(Optional)
set-prec-transmit	(Optional) Set conform action precedence val
set-prec-val	(Optional) IP Precedence value
opt_set_prec	(Optional)

exceed	(Optional) Specify a exceed action
opt_drop_transmit_exceed	(Optional) Set the action
set	(Optional) Set exceed action to cir-markdown-map
dscp1	(Optional) Exceed from field
dscp2	(Optional) Exceed to field
table	(Optional) To specify table name
cir-markdown-map	(Optional) Well known markdown map
violate	(Optional) Specify a violate action
opt_drop_transmit_violate	(Optional) Set the action
set1	(Optional) Set violate action to pir-markdown-map
dscp3	(Optional) Violate from field
dscp4	(Optional) Violate to field
table1	(Optional) To specify table name
pir-markdown-map	(Optional) Well known markdown map
pps	Specify PPS rate limit

Command Mode

- /exec/configure/pmap/class

police

[no] police [{ { [cir] { <cir-val> [<opt_kbps_mbps_gbps_pps_cir>] | percent <cir-perc> } } { [{ [bc] <bc-val> [<opt_kbytes_mbytes_gbytes_bc>] }] } { [{ pir { <pir> [<opt_kbps_mbps_gbps_pps_pir>] | percent1 <pir-perc> } } [{ [be] <be-val> [<opt_kbytes_mbytes_gbytes_be>] }]] } { [{ conform { <opt_drop_transmit_conform> | { set-cos-transmit <set-cos-val> } | { set-dscp-transmit { <set-dscp-val> | <opt_set_dscp> } } | { set-prec-transmit { <set-prec-val> | <opt_set_prec> } } } } [{ exceed { <opt_drop_transmit_exceed> | { set dscp1 dscp2 table cir-markdown-map } } }] [{ violate { <opt_drop_transmit_violate> | { set1 dscp3 dscp4 table1 pir-markdown-map } } }]] } }]

Syntax Description

no	Negate a command or set its defaults
police	Police
cir	(Optional) Specify committed information rate
opt_kbps_mbps_gbps_pps_cir	(Optional) Units
percent	(Optional) Specify rate as percentage of interface data-rate
pir	(Optional) Specify peak information rate
opt_kbps_mbps_gbps_pps_pir	(Optional) Units
percent1	(Optional) Specify rate as percentage of interface data-rate
be	(Optional) Specify extended burst
opt_kbytes_mbytes_gbytes_be	(Optional) Units
bc	(Optional) Specify committed burst
opt_kbytes_mbytes_gbytes_bc	(Optional) Units
conform	(Optional) Specify a conform action
opt_drop_transmit_conform	(Optional) Set the action
set-cos-transmit	(Optional) Set conform action cos val
set-cos-val	(Optional) 802.1Q Class of Service value
set-dscp-transmit	(Optional) Set conform action dscp val
set-dscp-val	(Optional) DSCP value
opt_set_dscp	(Optional)
set-prec-transmit	(Optional) Set conform action precedence val
set-prec-val	(Optional) IP Precedence value
opt_set_prec	(Optional)

exceed	(Optional) Specify a exceed action
opt_drop_transmit_exceed	(Optional) Set the action
set	(Optional) Set exceed action to cir-markdown-map
dscp1	(Optional) Exceed from field
dscp2	(Optional) Exceed to field
table	(Optional) To specify table name
cir-markdown-map	(Optional) Well known markdown map
violate	(Optional) Specify a violate action
opt_drop_transmit_violate	(Optional) Set the action
set1	(Optional) Set violate action to pir-markdown-map
dscp3	(Optional) Violate from field
dscp4	(Optional) Violate to field
table1	(Optional) To specify table name
pir-markdown-map	(Optional) Well known markdown map

Command Mode

- /exec/configure/pmap/class

policy-map

[no] policy-map [type qos] [match-first] <pmap-name-qos>

Syntax Description

no	(Optional) Negate a command or set its defaults
policy-map	Configure a policy map
type	(Optional) Specify the type of this policy-map
qos	(Optional) Qos policy
match-first	(Optional) Take the action for the first class that matches
pmap-name-qos	Policy-map name (alphanumeric)

Command Mode

- /exec/configure

policy-map type control-plane

[no] policy-map type control-plane <pmap-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
policy-map	Configure a policy map
type	Specify the type of this policy-map
control-plane	Control-Plane
pmap-name	Policy-map name (alphanumeric)

Command Mode

- /exec/configure

policy-map type network-qos

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

Syntax Description

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

policy-map type psp

[no] policy-map type psp { <pmap-name-plc> | { handle <ppf_id> } } [table <table_type>] [client <clienttype> <clientID>]

Syntax Description

no	(Optional) Negate a command or set its defaults
policy-map	Configure a policy map
type	Specify the type of this policy-map
psp	PSP policy
pmap-name-plc	Policy-map name (alphanumeric)
handle	Handle
ppf_id	PPF ID
table	(Optional) table
table_type	(Optional) Table Type
client	(Optional) set client type
clienttype	(Optional) cli/onep
clientID	(Optional) client appID

Command Mode

- /exec/configure

policy-map type queuing

[no] policy-map type queuing [match-first] <pmap-name-que>

Syntax Description

no	(Optional) Negate a command or set its defaults
policy-map	Configure a policy map
type	Specify the type of this policy-map
queuing	Queuing policy
match-first	(Optional) Take the action for the first class that matches
pmap-name-que	Policy-map name (alphanumeric)

Command Mode

- /exec/configure

policy

policy { { dynamic identity <device-id> } | { static sgt <sgt> [trusted] } } | no policy static | no policy dynamic

Syntax Description

policy	Enable and define policy to be applied
dynamic	apply to authorization server for policy
identity	specify identity of peer for authorization request
device-id	peer's device-id
static	configure static policy
sgt	SGT tag for pkts from this device
sgt	sgt value
trusted	(Optional) specify trust state of the link

Command Mode

- /exec/configure/cts-manual

pop

pop [<name>]

Syntax Description

pop	pop mode from stack or restore from name
name	(Optional) name

Command Mode

- /global

port-channel limit

port-channel limit | no port-channel limit

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure the maximum number of supported vPCs
limit	limit to 244 vPCs

Command Mode

- /exec/configure/vpc-domain

port-channel load-balance

port-channel load-balance <bndl_hash> <bndl_sel> [rotate <rotate>] [concatenation] [module <module>] [symmetric] | no port-channel load-balance [<bndl_hash> <bndl_sel> [rotate <rotate>] [concatenation] [module <module>] [symmetric]]

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance	Configure port-channel load balance
bndl_hash	bundle hash
bndl_sel	bundle select
rotate	(Optional) offset the hash-input
rotate	(Optional) offset the hash-input
concatenation	(Optional) enable/disable concatenation
module	(Optional) Specify a module number
module	(Optional) Specify a module number
symmetric	(Optional) symmetric load balancing

Command Mode

- /exec/configure

port-channel load-balance1 ethernet

port-channel load-balance1 ethernet <algorithm> [symmetric] | no port-channel load-balance1 ethernet [<algorithm> [symmetric]]

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance1	Configure port-channel load balance
ethernet	Ethernet port-channel
algorithm	Configure port-channel load balance
symmetric	(Optional) symmetric load balancing

Command Mode

- /exec/configure

port-channel load-balance2 resilient

port-channel load-balance2 resilient | no port-channel load-balance2 resilient

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance2	Configure port-channel load balance
resilient	Configure port-channel load balance resilient mode

Command Mode

- /exec/configure

port-channel load-balance ethernet

port-channel load-balance ethernet <algorithm> [module <module>] | no port-channel load-balance ethernet [<algorithm> [module <module>]]

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance	Configure port-channel load balance
ethernet	Ethernet port-channel
module	(Optional) Specify a module number
module	(Optional) Specify a module number
algorithm	Configure port-channel load balance

Command Mode

- /exec/configure

port-channel load-balance hash-modulo-f2

[no] port-channel load-balance hash-modulo-f2

Syntax Description

no	(Optional) Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance	Configure port-channel load balance
hash-modulo-f2	Enable/disable modulo hash for N7K-F248XP cards

Command Mode

- /exec/configure

port-channel load-balance hash enable

[no] port-channel load-balance hash enable

Syntax Description

no	(Optional) Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance	Configure port-channel load balance
hash	hash enhancement
enable	enable

Command Mode

- /exec/configure

port-channel load-balance internal

port-channel load-balance internal <algorithm> | no port-channel load-balance internal <algorithm>

Syntax Description

no	Negate a command or set its defaults
port-channel	Configure port channel parameters
load-balance	Configure port-channel load balance
internal	Configure port-channel load balance internal commands
algorithm	Configure port-channel load balance internal mode

Command Mode

- /exec/configure

port-profile

[no] port-profile [type <typeval>] { <profilename> | <s0> }

Syntax Description

no	(Optional) Negate a command or set its defaults
port-profile	Configure a port-profile
profilename	Enter the name of the profile
s0	Enter the name of the profile
type	(Optional) configure type of the profile
typeval	(Optional)

Command Mode

- /exec/configure

port-profile default max-ports

port-profile default max-ports <i0>

Syntax Description

port-profile	Configure a port-profile
default	Configure default settings
max-ports	Configure default max-ports
i0	Enter the default max-number of ports for vethernet port-profiles

Command Mode

- /exec/configure

port-profile default max-ports

[no] port-profile default max-ports

Syntax Description

no	Negate a command or set its defaults
port-profile	Configure a port-profile
default	Configure default settings
max-ports	Configure default max-ports

Command Mode

- /exec/configure

port-profile dump

[no] port-profile dump

Syntax Description

no	(Optional) Negate a command or set its defaults
port-profile	Dump port-profile
dump	Dump all additional information from database

Command Mode

- /exec

port-profile no-redirection

[no] port-profile no-redirection

Syntax Description

no	(Optional) Negate a command or set its defaults
port-profile	Show port-profile information
no-redirection	Disable port-profile redirection

Command Mode

- /exec

port-security stop learning

[no] port-security stop learning

Syntax Description

no	(Optional) Negate a command or set its defaults
port-security	Port security related command
stop	stop
learning	learning

Command Mode

- /exec

port

{ port <tportnum> } | { no port [<tportnum-ignore>] }

Syntax Description

no	Negate a command or set its defaults
port	Port number
tportnum	Port number, default: 15002
tportnum-ignore	(Optional) Port number, default: 15002

Command Mode

- /exe/configure/onep/tls

port control

[no] port control <port-control-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
port	ITD port
control	control
port-control-name	Port control name

Command Mode

- /exec/configure/itd-inout

power efficient-ethernet auto

[no] power efficient-ethernet auto

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure EEE for the port
efficient-ethernet	Configure Energy Efficient Ethernet (EEE)
auto	Auto negotiate EEE

Command Mode

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

power efficient-ethernet sleep threshold aggressive

[no] power efficient-ethernet sleep threshold aggressive

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure EEE for the port
efficient-ethernet	Configure Energy Efficient Ethernet (EEE)
sleep	EEE LPI sleep configuration
threshold	EEE LPI sleep threshold
aggressive	Enable/ Disable EEE LPI aggressive sleep mode

Command Mode

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

power redundancy-mode combined

[no] power redundancy-mode combined

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure power supply
redundancy-mode	Configure power supply redundancy mode
combined	Configure power supply redundancy mode as combined

Command Mode

- /exec/configure

power redundancy-mode combined force

[no] power redundancy-mode combined force

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure power supply
redundancy-mode	Configure power supply redundancy mode
combined	Configure power supply redundancy mode as combined
force	Force combined mode without prompting

Command Mode

- /exec/configure

power redundancy-mode insrc-redundant

[no] power redundancy-mode insrc-redundant

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure power supply
redundancy-mode	Configure power supply redundancy mode
insrc-redundant	Configure power supply redundancy mode as grid/AC input source redundant

Command Mode

- /exec/configure

power redundancy-mode ps-redundant

[no] power redundancy-mode ps-redundant

Syntax Description

no	(Optional) Negate a command or set its defaults
power	Configure power supply
redundancy-mode	Configure power supply redundancy mode
ps-redundant	Configure power supply redundancy mode as PS redundant

Command Mode

- /exec/configure

pps

pps <pps> <burst> | no pps [<pps>] [<burst>]

Syntax Description

no	Negate a command or set its defaults
pps	OSPF packets per second
pps	Packets per second value
burst	Burst value

Command Mode

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

pps

pps <pps> <burst> | no pps [<pps>] [<burst>]

Syntax Description

no	Negate a command or set its defaults
pps	OSPFv3 packets per second
pps	Packets per second value
burst	Burst value

Command Mode

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

precision

{ { no | default } precision | precision { milliseconds | microseconds } }

Syntax Description

no	
precision	milliseconds
default	Set a command to its defaults
precision	Set precision of measurement
microseconds	Precision microseconds
milliseconds	Precision milliseconds

Command Mode

- /exec/configure/ip-sla/jitter

preempt

[no] preempt | preempt

Syntax Description

no	Negate a command or set its defaults
preempt	Enable preemption of lower priority Master

Command Mode

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

preempt

[no] preempt [delay { minimum <min-delay> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
preempt	Overthrow lower priority designated routers
delay	(Optional) Wait before preempting
minimum	(Optional) Delay atleast this long
min-delay	(Optional) Number of seconds for minimum delay

Command Mode

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

preempt

[no] preempt

Syntax Description

no	(Optional) Negate a command or set its defaults
preempt	Enable preemption of lower priority master

Command Mode

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

preempt delay

[no] preempt delay | preempt delay minimum <secs>

Syntax Description

no	Negate a command or set its defaults
preempt	Enable preemption of lower priority Master
delay	Wait before preempting
minimum	Delay at least this long
secs	Seconds to delay

Command Mode

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

preempt delay minimum

preempt delay minimum <min-delay> reload <rel-delay> sync <sync-delay> | preempt delay reload <rel-delay> minimum <min-delay> sync <sync-delay> | preempt delay sync <sync-delay> minimum <min-delay> reload <rel-delay> | preempt delay reload <rel-delay> sync <sync-delay> minimum <min-delay> | preempt delay sync <sync-delay> reload <rel-delay> minimum <min-delay> | preempt delay minimum <min-delay> sync <sync-delay> reload <rel-delay> | preempt delay reload <rel-delay> sync <sync-delay> | preempt delay sync <sync-delay> reload <rel-delay> | preempt delay minimum <min-delay> sync <sync-delay> | preempt delay sync <sync-delay> minimum <min-delay> | preempt delay minimum <min-delay> reload <rel-delay> | preempt delay reload <rel-delay> minimum <min-delay> | preempt delay minimum <min-delay> | preempt delay reload <rel-delay> | preempt delay sync <sync-delay> | preempt | no preempt | no preempt delay [{ minimum [<min-delay>] [[reload [<rel-delay>]] [sync [<sync-delay>]] | [sync [<sync-delay>]] [reload [<rel-delay>]]] | reload [<rel-delay>] [[minimum [<min-delay>]] [sync [<sync-delay>]] | [sync [<sync-delay>]] [minimum [<min-delay>]]] | sync [<sync-delay>] [[reload [<rel-delay>]] [minimum [<min-delay>]] | [minimum [<min-delay>]] [reload [<rel-delay>]]] }]

Syntax Description

no	Negate a command or set its defaults
preempt	Overthrow lower priority Active routers
delay	Wait before preempting
minimum	Delay at least this long
min-delay	Number of seconds for minimum delay
reload	Delay after reload
rel-delay	Number of seconds for reload delay
sync	Wait for IP redundancy clients
sync-delay	Number of seconds for sync delay
minimum	reload

Command Mode

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

priority-flow-control mode

[no] priority-flow-control mode { auto | on | off } [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
priority-flow-control	Enable/Disable PFC
mode	PFC Mode
auto	Set Auto Mode
on	Force PFC to On
off	Force PFC to Off
force	(Optional) Force apply PFC config

Command Mode

- /exec/configure/if-switching /exec/configure/if-routing /exec/configure/if-port-channel /exec/configure/if-port-channel-sub

priority

[no] priority | priority <setup_prio> [<hold_prio>]

Syntax Description

no	Negate a command or set its defaults
priority	Specify LSP priority
setup_prio	setup priority
hold_prio	(Optional) hold priority

Command Mode

- /exec/configure/te/lsp-attr

priority2

[no] priority2 [level2 <value>]

Syntax Description

no	(Optional) Negate a command or set its defaults
priority2	Configure traffic class priority
level2	(Optional) Specify level of priority
value	(Optional) Strict-priority level (1=hi 2=med 3=lo)

Command Mode

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

priority

priority <priority> [forwarding-threshold lower <lower-value> upper <upper-value>] | no priority [forwarding-threshold]

Syntax Description

no	Negate a command or set its defaults
priority	Priority level
priority	Priority value
forwarding-threshold	(Optional) Set forwarding threshold
lower	(Optional) Set lower threshold value
lower-value	(Optional) Lower threshold value
upper	(Optional) Set upper threshold value
upper-value	(Optional) Upper threshold value

Command Mode

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

priority

priority <value> | no priority

Syntax Description

no	Negate a command or set its defaults
priority	Configure Bundle priority
value	Priority value

Command Mode

- /exec/configure/anycast

priority

[no] priority | priority <setup_pri> [<hold_pri>]

Syntax Description

no	Negate a command or set its defaults
priority	tunnel priority
setup_pri	setup priority
hold_pri	(Optional) hold priority

Command Mode

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

priority

[no] priority [level <value>]

Syntax Description

no	(Optional) Negate a command or set its defaults
priority	Configure traffic class priority
level	(Optional) Specify level of priority
value	(Optional) Value of level, lower the number higher the priority

Command Mode

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

priority

[no] priority | priority <val>

Syntax Description

no	Negate a command or set its defaults
priority	Priority of this VRRP group
val	Priority level

Command Mode

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

priority

{ priority <pri-value> } | { no priority }

Syntax Description

no	Negate a command or set its defaults
priority	Priority level
pri-value	Priority Value

Command Mode

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

priority

{ priority <priority_value> [forwarding-threshold lower <lower-value> upper <upper-value>] | no priority [forwarding-threshold] }

Syntax Description

no	Negate a command or set its defaults
priority	Configure the vr priority
priority_value	Configure the vr priority
forwarding-threshold	(Optional) Set forwarding threshold
lower	(Optional) Set lower threshold value
lower-value	(Optional) Lower threshold value
upper	(Optional) Set upper threshold value
upper-value	(Optional) Upper threshold value

Command Mode

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

private-vlan

[no] private-vlan <pvlan-type>

Syntax Description

no	(Optional) Negate a command or set its defaults
private-vlan	Configure a private VLAN
pvlan-type	

Command Mode

- /exec/configure/vlan TIMEOUT 420

private-vlan association

{ private-vlan association [{ add | remove }] <secondary_vlans> } | { no private-vlan association [<secondary_vlans>] }

Syntax Description

private-vlan	Configure a private VLAN
association	Configure association between private VLANs
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
secondary_vlans	VLAN IDs of the private VLANs to be configured

Command Mode

- /exec/configure/vlan TIMEOUT 420

private-vlan mapping

{ private-vlan mapping [{ add | remove }] <secondary_vlans> } | { no private-vlan mapping [<secondary_vlans>] }

Syntax Description

private-vlan	Configure a private VLAN
mapping	Set the private VLAN interface 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
secondary_vlans	Secondary VLAN IDs of the private VLAN interface mapping

Command Mode

- /exec/configure/if-vlan TIMEOUT 420

private-vlan release resource

private-vlan release resource { [vlan <vlan-id>] | global }

Syntax Description

private-vlan	Show information about private VLAN
release	release
resource	resource
vlan	(Optional) VLAN status
global	global rid
vlan-id	(Optional) VLAN IDs of the private VLANs to be configured

Command Mode

- /exec

private-vlan synchronize

private-vlan synchronize

Syntax Description

private-vlan	Set private-vlan synchronization
synchronize	Synchronize vlans

Command Mode

- /exec/configure/spanning-tree/mst/configuration

probe

[no] probe <probe-id-icmp> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-icmp	Service mode
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count

Command Mode

- /exec/configure/itd-dg-node

probe

[no] probe <probe-id-dns> host <host-name> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count> | ip <ip-addr>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-dns	Service mode
host	Host name/Target address
host-name	DNS Target IP Address or Hostname
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count
ip	(Optional) ip address for probe
ip-addr	(Optional) IP4 prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-dg-node

probe

[no] probe <probe-id> port <port-num> [control <status>] [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count> | ip <ip-addr>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id	Service mode
port	Port
port-num	Port number
control	(Optional) control protocol
status	(Optional) control protocol status
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count
ip	(Optional) ip address for probe
ip-addr	(Optional) IP4 prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-dg-node

probe

[no] probe <probe-id-icmp> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count> | ip <ip-addr>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-icmp	Service mode
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count
ip	(Optional) ip address for probe
ip-addr	(Optional) IP4 prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-dg-node-standby

probe

[no] probe <probe-id-dns> host <host-name> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count> | ip <ip-addr>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-dns	Service mode
host	Host name/Target address
host-name	DNS Target IP Address or Hostname
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count
ip	(Optional) ip address for probe
ip-addr	(Optional) IP4 prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-dg-node-standby

probe

[no] probe <probe-id> port <port-num> [control <status>] [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count> | ip <ip-addr>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id	Service mode
port	Port
port-num	Port number
control	(Optional) control protocol
status	(Optional) control protocol status
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count
ip	(Optional) ip address for probe
ip-addr	(Optional) IP4 prefix in format i.i.i.i

Command Mode

- /exec/configure/itd-dg-node-standby

probe

[no] probe <probe-id-icmp> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-icmp	Service mode
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count

Command Mode

- /exec/configure/itd-device-group

probe

[no] probe <probe-id-dns> host <host-name> [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id-dns	Service mode
host	Host name/Target address
host-name	DNS Target IP Address or Hostname
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count

Command Mode

- /exec/configure/itd-device-group

probe

[no] probe <probe-id> port <port-num> [control <status>] [frequency <freq-num> | timeout <timeout> | retry-down-count <count> | retry-up-count <up-count>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
probe	ITD probe
probe-id	Service mode
port	Port
port-num	Port number
control	(Optional) control protocol
status	(Optional) control protocol status
frequency	(Optional) Frequency
freq-num	(Optional) Frequency
timeout	(Optional) Timeout
timeout	(Optional) Timeout
retry-down-count	(Optional) Retry-count when node goes down
count	(Optional) Count
retry-up-count	(Optional) Retry-count when node comes back up
up-count	(Optional) Count

Command Mode

- /exec/configure/itd-device-group

promiscuous-mode

promiscuous-mode { off | on } | no promiscuous-mode [{ off | on }]

Syntax Description

no	Negate a command or set its defaults
promiscuous-mode	Configure promiscuous mode for the port
off	Disable promiscuous mode
on	Enable promiscuous mode

Command Mode

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

propagate-sgt

[no] propagate-sgt

Syntax Description

propagate-sgt	Enable SGT propagation from this port (the default use the no form to disable)

Command Mode

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

protection

[no] protection | protection [fast-reroute [bw-protect]]

Syntax Description

no	Negate a command or set its defaults
protection	Enable failure protection
fast-reroute	(Optional) Enable fast-reroute failure protection
bw-protect	(Optional) Enable BW protection

Command Mode

- /exec/configure/te/lsp-attr

protocol shutdown

[no] protocol shutdown

Syntax Description

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

Command Mode

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

protocol shutdown

[no] protocol shutdown

Syntax Description

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

Command Mode

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

ptp

[no] ptp

Syntax Description

no	(Optional) Negate a command or set its defaults
ptp	Precision Time Protocol (IEEE 1588) Subsystem

Command Mode

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

ptp announce interval

[no] ptp announce interval <log-seconds>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
announce	announce
interval	interval
log-seconds	log seconds

Command Mode

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

ptp announce timeout

[no] ptp announce timeout <val>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
announce	announce
timeout	timeout
val	val

Command Mode

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

ptp delay-request minimum interval

[no] ptp delay-request minimum interval <log-seconds>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
delay-request	delay-request
minimum	minimum
interval	interval
log-seconds	log seconds

Command Mode

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

ptp domain

[no] ptp domain <domain-val>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
domain	ptp clock domain
domain-val	Enter domain value

Command Mode

- /exec/configure

ptp priority1

[no] ptp priority1 <val>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
priority1	priority1
val	priority1

Command Mode

- /exec/configure

ptp priority2

[no] ptp priority2 <val>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
priority2	priority1
val	priority2

Command Mode

- /exec/configure

ptp source

[no] ptp source <src-ip> [vrf { <vrf-name> | <vrf-cfg-name> }]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
source	source IP address
src-ip	IPv4 address (A.B.C.D) of source
vrf	(Optional) vrf to be used for hello messages
vrf-name	(Optional) vrf to be used for hellos
vrf-cfg-name	(Optional) Configurable VRF name

Command Mode

- /exec/configure

ptp sync interval

[no] ptp sync interval <log-seconds>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
sync	sync
interval	interval
log-seconds	log seconds

Command Mode

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

ptp vlan

[no] ptp vlan <vlan>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
vlan	vlan
vlan	vlan

Command Mode

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

publish-event sub-system

publish-event sub-system <sub-system-id> type <event-type> { [arg1 <data1>] [arg2 <data2>] [arg3 <data3>] [arg4 <data4>] }

Syntax Description

publish-event	Publish an application specific event
sub-system	Sub-system ID to which the application event belongs
sub-system-id	Sub-system ID value
type	Event type value
event-type	Event type value
arg1	(Optional) User specified data to be passed when the event is published
data1	(Optional) User specified data value
arg2	(Optional) User specified data to be passed when the event is published
data2	(Optional) User specified data value
arg3	(Optional) User specified data to be passed when the event is published
data3	(Optional) User specified data value
arg4	(Optional) User specified data to be passed when the event is published
data4	(Optional) User specified data value

Command Mode

- /exec

purge ip route

purge ip route [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] <all>

Syntax Description

purge	Purge
ip	IPv4
route	Purge routing information
vrf	(Optional) VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
all	Purge all routes

Command Mode

- /exec

purge ipv6 route

purge ipv6 route [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] <all>

Syntax Description

purge	Purge
ipv6	IPv6
route	Purge routing information
vrf	(Optional) VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
all	Purge all routes

Command Mode

- /exec

push

push [<name>]

Syntax Description

push	push current mode to stack or save it under name
name	(Optional) name

Command Mode

- /global

pwd

pwd

Syntax Description

pwd	View current directory

Command Mode

- /exec

python

python [<uri> [<pyargs>] +]

Syntax Description

python	run a python command/script, or enter python mode (if no arg)
uri	(Optional) path to a python file
pyargs	(Optional) python command line arguments (maximum 32)

Command Mode

- /exec

python execute virtual-service

python execute virtual-service <service> command [<pyargs>] +

Syntax Description

python	run a python command/script, or enter python mode (if no arg)
execute	execute a virtual service command
virtual-service	virtual service to execute the command
command	command to execute
service	name of existing virtual service
pyargs	(Optional) command and args (maximum 32)

Command Mode

- /exec

python instance

[no] python instance <inst> [<uri> [<pyargs>] +] | python instance <inst> <uri> [<pyargs>] +

Syntax Description

no	Negate a command or set its defaults
python	run a python command/script, or enter python mode (if no arg)
instance	label with an instance number
inst	instance number
uri	(Optional) path to a python file
pyargs	(Optional) python command line arguments (maximum 32)

Command Mode

- /exec/configure