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fabric-soo

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

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric-soo		Fabric Site of Origin
<i>ext-comm-soo-aa4nn2</i>	VPN	extcommunity in aa4:fabric_id format
<i>ext-comm-soo-aa2nn4</i>	VPN	extcommunity in aa:fabric_id format

Command Mode

- /exec/configure/router-bgp

fabric database auto-pull dci vrf node-id

```
fabric database auto-pull dci vrf <vrf-name> node-id <mgmt-ip-address> [ peer-id <peer-ip-address> ]
```

Syntax Description

Syntax Description		
	fabric	Fabric
	database	Fabric Database
	auto-pull	Pull configuration
	dci	DCI profile
	vrf	Display per-VRF information
	<i>vrf-name</i>	VRF name
	node-id	management ip address of this node
	<i>mgmt-ip-address</i>	IP address in CIDR format
	peer-id	(Optional) management ip address of peer
	<i>peer-ip-address</i>	(Optional) IP address in CIDR format

Command Mode

- /exec

fabric database auto-pull vni interface

```
fabric database auto-pull { vni <vni-id> | dot1q <vlan-id> } interface <interface-id> [ { overwrite-vlan |
overwrite-bd } <ow-vlan-id> ]
```

Syntax Description

Syntax Description		
fabric		Fabric
database		Fabric Database
auto-pull		Pull configuration
vni		Pull ethernet-tag vni configuration
<i>vni-id</i>		
dot1q		Pull ethernet-tag dot1q configuration
<i>vlan-id</i>		
interface		Applied interface
<i>interface-id</i>		Name of interface
overwrite-vlan	(Optional)	Overwrite the system generate vlan
overwrite-bd	(Optional)	Overwrite the system generate bd
<i>ow-vlan-id</i>	(Optional)	

Command Mode

- /exec

fabric database inherit-profile-map

{ fabric database inherit-profile-map <id> } | { no fabric database inherit-profile-map }

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
fabric		Fabric
database		Configure Fabric Database
inherit-profile-map		Inherit a profile map. All non-global mappings will be inherited.
<i>id</i>		Profile Map ID

Command Mode

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

fabric database mobility-domain

[no] fabric database mobility-domain <name>

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric		Fabric
database		Configure Fabric Database
mobility-domain		Tag to identify mobility domain name
<i>name</i>		Mobility Domain Name

Command Mode

- /exec/configure

fabric database override-profile

[no] fabric database override-profile <profilename>

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric		Fabric
database		Configure Fabric Database
override-profile		Override the network profile name
<i>profilename</i>		Enter the profile name to override network profile

Command Mode

- /exec/configure

fabric database override-vrf-profile

[no] fabric database override-vrf-profile <profilename>

Syntax Description

Syntax Description		
	no	(Optional) Negate a command or set its defaults
	fabric	Fabric
	database	Configure Fabric Database
	override-vrf-profile	Override the VRF (partition) profile name
	<i>profilename</i>	Enter the profile name to override VRF profile

Command Mode

- /exec/configure

fabric database profile-map

[no] fabric database profile-map <id>

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
profile-map	Configure a profile map
<i>id</i>	Profile Map ID

Command Mode

- /exec/configure

fabric database profile-map global

[no] fabric database profile-map global

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric	Fabric	
database	Configure	Fabric Database
profile-map	Configure	a profile map
global	Global profile	(apply to all interfaces)

Command Mode

- /exec/configure

fabric database refresh dot1q

```
fabric database refresh dot1q <vlan-id> [ { mobility-domain <name> | interface <interface-id> } ]
```

Syntax Description

Syntax Description		
	fabric	Fabric
	database	Fabric Database
	refresh	Refresh profile configuration
	dot1q	Dot1Q Encapsulation
	<i>vlan-id</i>	
	interface	(Optional) Applied interface
	<i>interface-id</i>	(Optional) Name of interface
	mobility-domain	(Optional) Tag to identify mobility domain name
	<i>name</i>	(Optional) Mobility Domain Name

Command Mode

- /exec

fabric database refresh vni

```
fabric database refresh { vni <vni-id> | include-vrf { <vrf-name> } }
```

Syntax Description

Syntax Description		
fabric		Fabric
database		Fabric Database
refresh		Refresh profile configuration
vni		Virtual Network Identifier
<i>vni-id</i>		
include-vrf		Include VRF name
<i>vrf-name</i>		VRF name

Command Mode

- /exec

fabric database timer

[no] fabric database timer { cleanup | recovery | vdp | re-add } <timeout>

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fabric	
database	
timer	HMM timers
cleanup	Delay in minutes before profile is deleted
recovery	Delay in minutes before recovered profile is deleted
vdp	Delay in minutes before new VDP requests (after un-apply) are accepted
re-add	Delay in minutes before new client requests (after un-apply) are accepted
timeout	Set timeout in minutes

Command Mode

- /exec/configure

fabric database type bl-dci

[no] fabric database type bl-dci

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	fabric	Fabric
	database	Configure Fabric Database
	type	Configure database type
	bl-dci	Border Leaf - DCI

Command Mode

- /exec/configure

fabric database type cabling

[no] fabric database type cabling

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
type	Configure database type
cabling	Cable Management Database

Command Mode

- /exec/configure

fabric database type network

[no] fabric database type network

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	fabric	Fabric
	database	Configure Fabric Database
	type	Configure database type
	network	Network Database

Command Mode

- /exec/configure

fabric database type partition

[no] fabric database type partition

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
type	Configure database type
partition	Partition Database

Command Mode

- /exec/configure

fabric database type profile

[no] fabric database type profile

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
type	Configure database type
profile	Port or Switch Profile Database

Command Mode

- /exec/configure

fabric forwarding anycast-gateway-mac

{ fabric forwarding anycast-gateway-mac <mac-addr> } | { no fabric forwarding anycast-gateway-mac }

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
fabric		Fabric
forwarding		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
anycast-gateway-mac		Anycast Gateway MAC of the Switch
<i>mac-addr</i>		MAC address

Command Mode

- /exec/configure

fabric forwarding dup-host-ip-addr-detection

```
{ fabric forwarding dup-host-ip-addr-detection <mmoves> <nsecs> | no fabric forwarding
dup-host-ip-addr-detection }
```

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
fabric		Fabric
forwarding		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
dup-host-ip-addr-detection		To detect duplicate host address in n secs
<i>mmoves</i>		Set Number of host moves to be allowed in n secs. Default is 5
<i>nsecs</i>		Set the duplicate detection timeout in secs for host moves. Default is 180

Command Mode

- /exec/configure

fabric forwarding dup-host-recovery-timer recover-count

```
{ fabric forwarding dup-host-recovery-timer <timeout> recover-count <count> | no fabric forwarding
dup-host-recovery-timer }
```

Syntax Description

Syntax Description		
<code>no</code>		Negate a command or set its defaults
<code>fabric</code>		Fabric
<code>forwarding</code>		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
<code>dup-host-recovery-timer</code>		Refresh the frozen duplicate host
<code>timeout</code>		Set the timeout in secs to refresh the duplicate host. Default is 30 secs
<code>recover-count</code>		Maximum number of refreshes
<code>count</code>		Set the maximum number of host refresh. Default is 5.

Command Mode

- /exec/configure

fabric forwarding limit-vlan-mac

[no] fabric forwarding limit-vlan-mac <max-limit>

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric		Fabric
forwarding		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
limit-vlan-mac		Maximum number of end-hosts allowed to have the same (vlan, MAC) mapping in a given vrf (Default is 4)
<i>max-limit</i>		Set max-limit

Command Mode

- /exec/configure

fabric forwarding mode anycast-gateway

{ fabric forwarding mode anycast-gateway } | { no fabric forwarding mode }

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
fabric		Fabric
forwarding		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
mode		Forwarding Modes
anycast-gateway		Anycast Gateway Forwarding Mode

Command Mode

- /exec/configure/if-vlan /exec/configure/if-vlan-range

fabric forwarding selective-host-probe

[no] fabric forwarding selective-host-probe

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fabric		Fabric
forwarding		Fabric Forwarding Protocol: Host Mobility Manager (HMM)
selective-host-probe		Trigger unconditional host probe

Command Mode

- /exec/configure

failaction

[no] failaction { [node { reassign | drop | least-bucket }] | [bucket { distribute }] | [cluster drop] }

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
failaction	ITD failaction
node	(Optional) ITD failaction node
reassign	(Optional) ITD failaction reassign
drop	(Optional) ITD failaction drop
least-bucket	(Optional) ITD failaction least-bucket node
bucket	(Optional) ITD failaction bucket reassign
distribute	(Optional) ITD failaction distribute reassign
cluster	(Optional) ITD failaction cluster

Command Mode

- /exec/configure/itd

failaction

[no] failaction { [node { reassign | drop }] | [cluster drop] } +

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
failaction	ITD failaction
node	(Optional) ITD failaction node
reassign	(Optional) ITD failaction reassign
drop	(Optional) ITD failaction drop
cluster	(Optional) ITD failaction cluster

Command Mode

- /exec/configure/itd

failaction

[no] failaction { [node { reassign | drop }] | [cluster drop] } +

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
failaction	PLB failaction
node	(Optional) PLB failaction node
reassign	(Optional) PLB failaction reassign
drop	(Optional) PLB failaction drop
cluster	(Optional) PLB failaction cluster

Command Mode

- /exec/configure/plb

fast-external-fallover

[no] fast-external-fallover

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

fast-external-fallover Immediately reset the session if the link to a directly connected BGP peer goes down

Command Mode

- /exec/configure/router-bgp

fast-flood enable

[no] fast-flood enable

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	fast-flood	Fast flood the LSP's
	enable	Turn on fast-flooding

Command Mode

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

fast-flood enable

[no] fast-flood enable

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fast-flood	Fast flood the LSP's
enable	Turn on fast-flooding

Command Mode

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

fast-flood interval

[no] fast-flood interval <interval>

Syntax Description

Syntax Description	<i>no</i> (Optional) Negate a command or set its defaults
	<i>fast-flood</i> Fast flood the LSP's
	<i>interval</i> Duration/interval of the fast-flood timer.
	<i>interval</i> Specify the value (ms)

Command Mode

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

fast-flood interval

[no] fast-flood interval <interval>

Syntax Description

Syntax Description	<i>no</i>	(Optional) Negate a command or set its defaults
	<i>fast-flood</i>	Fast flood the LSP's
	<i>interval</i>	Duration/interval of the fast-flood timer.
	<i>interval</i>	Specify the value (ms)

Command Mode

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

fast-reload

```
fast-reload { [ nxos <uri> | trigger-gr | save-config | [ non-interruptive | nosrg ] ] + | force-all [ nxos <uri> ] +
} [ override ]
```

Syntax Description

Syntax Description		
fast-reload		fast-reload software
nxos		(Optional) boot-variable name
<i>uri</i>		(Optional) Enter image uri
non-interruptive	(Optional)	Non-Interruptive image upgrade
nosrg	(Optional)	nosrg
override	(Optional)	Do fast-reload without impact check
trigger-gr	(Optional)	Enable BGP GR for compatible peers
save-config	(Optional)	Save running-config to startup-config before fast-reload
force-all		Force upgrade the system

Command Mode

- /exec

fast-reroute

[no] fast-reroute | fast-reroute [node-protect | bw-protect] +

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
fast-reroute	Specify mpls tunnel can be fast-rerouted
node-protect	(Optional) node protection desired
bw-protect	(Optional) bandwidth protection desired

Command Mode

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

fast-reroute backup-prot-preempt optimize-bw

[no] fast-reroute backup-prot-preempt optimize-bw | no fast-reroute timers promotion | fast-reroute timers promotion <seconds>

Syntax Description

Syntax Description		
no	(Optional) Negate a command or set its defaults	
fast-reroute	fast-reroute parameters	
backup-prot-preempt	Preemption algorithm for backup tunnels	
optimize-bw	Reduce bandwidth wastage (default: minimize LSPs preempted)	
timers	configure fast-reroute timer	
promotion	Configure how often we scan for LSP backup promotion	
<i>seconds</i>	seconds between promotions (0 disables promotion.)	

Command Mode

- /exec/configure/te

feature-set

[no] feature-set <fs>

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
feature-set		Enable feature-set
fs		allow feature-set

Command Mode

- /exec/configure

feature-set

feature-set <fs>

Syntax Description

Syntax Description	
feature-set	Enable feature-set
<i>fs</i>	allow feature-set

Command Mode

- /exec/configure

feature

[no] feature <arg1>

Syntax Description

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

feature	Feature name
---------	--------------

<i>arg1</i>	Enter feature name
-------------	--------------------

Command Mode

- /exec/configure/rolefeaturegrp

feature bash-shell

[no] feature bash-shell

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	feature	Command to enable/disable features
	bash-shell	Enable/Disable bash-shell

Command Mode

- /exec/configure

feature bfd

[no] feature bfd

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

bfd	bfd
-----	-----

Command Mode

- /exec/configure

feature bgp

[no] feature bgp

Syntax Description

Syntax	Description
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
bgp	Enable/Disable Border Gateway Protocol (BGP)

Command Mode

- /exec/configure

feature container-tracker

[no] feature container-tracker

Syntax Description

Syntax Description		
	no	(Optional) Negate a command or set its defaults
	feature	Command to enable/disable features
	container-tracker	Enable/Disable NXOS Container Tracker

Command Mode

- /exec/configure

feature eigrp

[no] feature eigrp

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

eigrp Enable/Disable Enhanced Interior Gateway Routing Protocol (EIGRP)

Command Mode

- /exec/configure

feature evb

[no] feature evb

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
evb	Enable/Disable Edge Virtual Bridge (EVB)

Command Mode

- /exec/configure

feature evmed

[no] feature evmed

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

evmed	Enable/Disable Generic event detectors
-------	--

Command Mode

- /exec/configure

feature fabric forwarding

[no] feature fabric forwarding

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
fabric	Enable/Disable Fabric Services
forwarding	Enable/Disable Fabric Forwarding Protocol: Host Mobility Manager (HMM)

Command Mode

- /exec/configure

feature interface-vlan

[no] feature interface-vlan

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
interface-vlan	Enable/Disable interface vlan

Command Mode

- /exec/configure

feature isis

[no] feature isis

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

isis Enable/Disable IS-IS Unicast Routing Protocol (IS-IS)

Command Mode

- /exec/configure

feature lacp

[no] feature lacp

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
lacp	Enable/Disable LACP

Command Mode

- /exec/configure

feature ldap

[no] feature ldap

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

ldap	Enable/Disable ldap
------	---------------------

Command Mode

- /exec/configure

feature lldp

[no] feature lldp

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
lldp	Enable/Disable LLDP

Command Mode

- /exec/configure

feature msdp

[no] feature msdp

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

msdp Enable/Disable Multicast Source Discovery Protocol (MSDP)

Command Mode

- /exec/configure

feature nat

[no] feature nat

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
nat	Enable/Disable NAT

Command Mode

- /exec/configure

feature ntp

[no] feature ntp

Syntax Description

Syntax Description

no (Optional) Negate a command or set its default

feature Command to enable/disable features

ntp Enable/Disable NTP

Command Mode

- /exec/configure

feature nxapi

[no] feature nxapi

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
nxapi	Enable/Disable nxapi

Command Mode

- /exec/configure

feature nxdb

[no] feature nxdb

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

nxdb	Enable/Disable nxdb
------	---------------------

Command Mode

- /exec/configure

feature nxsdk

[no] feature nxsdk

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
nxsdk	Enable/Disable nxsdk Services

Command Mode

- /exec/configure

feature ospf

[no] feature ospf

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

ospf Enable/Disable Open Shortest Path First Protocol (OSPF)

Command Mode

- /exec/configure

feature ospfv3

[no] feature ospfv3

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

ospfv3 Enable/Disable Open Shortest Path First Version 3 Protocol (OSPFv3)

Command Mode

- /exec/configure

feature password encryption aes

[no] feature password encryption aes

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	feature	Enable the feature
	password	Credential(s) for the user(s)/device(s)
	encryption	Strong encryption for credential(s)
	aes	Encrypt using AES encryption standard

Command Mode

- /exec/configure

feature pbr

[no] feature pbr

Syntax Description

Syntax	Description
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
pbr	Enable/Disable Policy Based Routing(PBR)

Command Mode

- /exec/configure

feature pim

[no] feature pim

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

pim Enable/Disable Protocol Independent Multicast (PIM)

Command Mode

- /exec/configure

feature pim6

[no] feature pim6

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

pim6 Enable/Disable Protocol Independent Multicast (PIM) for IPv6

Command Mode

- /exec/configure

feature poap

[no] feature poap

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

poap	Enable/Disable POAP
------	---------------------

Command Mode

- /exec/configure

feature privilege

[no] feature privilege

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

privilege Enable/Disable IOS type privilege level support

Command Mode

- /exec/configure

feature rip

[no] feature rip

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

feature Command to enable/disable features

rip Enable/Disable Routing Information Protocol (RIP)

Command Mode

- /exec/configure

feature rise

[no] feature rise

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

rise	Enable/Disable RISE
------	---------------------

Command Mode

- /exec/configure

feature scheduler

[no] feature scheduler

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
scheduler	Enable/Disable scheduler

Command Mode

- /exec/configure

feature scp-server

[no] feature scp-server

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
scp-server	Enable/Disable SCP server

Command Mode

- /exec/configure

feature sftp-server

[no] feature sftp-server

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
sftp-server	Enable/Disable SFTP server

Command Mode

- /exec/configure

feature ssh

[no] feature ssh

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
ssh	Enable/Disable ssh

Command Mode

- /exec/configure

feature tacacs

[no] feature tacacs +

Syntax Description

Syntax	Description
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features

Command Mode

- /exec/configure

feature telemetry

[no] feature telemetry

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
telemetry	Enable/Disable Telemetry

Command Mode

- /exec/configure

feature telnet

[no] feature telnet

Syntax Description

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

feature	Command to enable/disable features
---------	------------------------------------

telnet	Enable/Disable telnet
--------	-----------------------

Command Mode

- /exec/configure

feature vtp

[no] feature vtp

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vtp	Enable/Disable VTP

Command Mode

- /exec/configure

fec

fec <fec_val> | no fec [<fec_val>]

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	fec	Forwarding error correction
	<i>fec_val</i>	Interface FEC options

Command Mode

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

fhrp delay minimum

[no] fhrp delay minimum | fhrp delay minimum <delay>

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
fhrp		FHRP interface configuration commands
delay		Configure FHRP delay
minimum	minimum	delay
delay		Seconds to delay

Command Mode

- /exec/configure/if-eth-any /exec/configure/if-vlan

fhrp delay reload

[no] fhrp delay reload | fhrp delay reload <delay>

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	fhrp	FHRP interface configuration commands
	delay	Configure FHRP delay
	reload	reload delay
	<i>delay</i>	Seconds to delay

Command Mode

- /exec/configure/if-eth-any /exec/configure/if-vlan

fileys delete

fileys delete <s0>

Syntax Description

Syntax Description	fileys file system command
---------------------------	----------------------------

delete	delete a file on file system
--------	------------------------------

s0	file name
----	-----------

Command Mode

- /exec

filter

[no] filter [subject-name <s0> | altname-email <s1> | altname-upn <s2>]

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
filter		Configure mapping filter
subject-name	(Optional)	Subject name of the certificate
<i>s0</i>	(Optional)	Subject name
altname-email	(Optional)	Email id as an alternate name
<i>s1</i>	(Optional)	Email id
altname-upn	(Optional)	User principal name as an alternate name
<i>s2</i>	(Optional)	User principal name

Command Mode

- /exec/configure/certmap-filter

filter out

[no | default] { filter-list <fltrlist-name> } { out | in }

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default	(Optional)	Inherit values from a peer template
filter-list		Apply AS-PATH filter-list
<i>fltrlist-name</i>		Name of filter-list
out		Apply policy to outgoing routes
in		Apply policy to incoming routes

Command Mode

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

find

find <*s0*>

Syntax Description

Syntax Description

fd Find a file below the current directory

s0 Enter the filename prefix to search

Command Mode

- /exec

fips debug errors debug

[no] fips debug errors { debug-lc-post-on-maint | reset-debug-lc-post-on-maint }

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
fips		Enable/Disable FIPS mode
debug		Introduce errors into FIPS tests
errors		Introduce errors
debug-lc-post-on-maint		Run the switch on debug mode for fips maintenance state
reset-debug-lc-post-on-maint		Reset the mode from debug-lc-post-on-maint

Command Mode

- /exec/

fips mode enable

[no] fips mode enable

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
fips	Enable/Disable FIPS mode
mode	FIPS mode
enable	Enable/Disable FIPS mode

Command Mode

- /exec/configure

flow exporter

[no] flow exporter <exportername>

Syntax Description

Syntax Description		
flow		Enable/Disable NetFlow configuration
exporter		Define a Flow Exporter
<i>exportername</i>		Name of Flow Exporter

Command Mode

- /exec/configure

flow forward

[no] flow { forward | reverse }

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flow	Configure ngoam flow
forward	Ngoam forward flow
reverse	Ngoam reverse flow

Command Mode

- /exec/configure/configngoamprofile

flow monitor

[no] flow monitor <monitorname>

Syntax Description

Syntax Description		
	flow	Enable/Disable NetFlow configuration
	monitor	Define a Flow Monitor
	<i>monitorname</i>	Name of Flow Monitor

Command Mode

- /exec/configure

flow record

[no] flow record <recordname>

Syntax Description

Syntax Description		
flow		Enable/Disable NetFlow configuration
record		Define a Flow Record
<i>recordname</i>		Record name

Command Mode

- /exec/configure

flow timeout

```
{ [ no ] flow timeout <time> | no flow timeout }
```

Syntax Description

Syntax Description	<i>flow</i>	Enable/Disable NetFlow configuration
	<i>timeout</i>	Define a Flow Timeout
	<i>time</i>	Time in seconds (flush-cache-Only for F2 cards)

Command Mode

- /exec/configure

flow timeout active

{ [no] flow timeout active <time> | no flow timeout active }

Syntax Description

Syntax Description	<i>flow</i>	Enable/Disable NetFlow configuration
	<i>timeout</i>	Define a Flow Timeout
	<i>active</i>	Active or long timeout
	<i>time</i>	Time in seconds

Command Mode

- /exec/configure

flow timeout aggressive threshold

{ [no] flow timeout aggressive threshold <percentage> | no flow timeout aggressive }

Syntax Description

Syntax Description	flow	Enable/Disable NetFlow configuration
	timeout	Define a Flow Timeout
	aggressive	Aggressive aging
	threshold	Threshold to start the aggressive aging
	<i>percentage</i>	Percentage of NetFlow Table full

Command Mode

- /exec/configure

flow timeout fast threshold

```
{ [ no ] flow timeout fast <time> threshold <packets> | no flow timeout fast }
```

Syntax Description

Syntax Description		
flow	Enable/Disable NetFlow configuration	
timeout	Define a Flow Timeout	
fast	Fast aging timeout	
<i>time</i>	Time in seconds	
threshold	Threshold to start fast aging	
<i>packets</i>	Number of packets in flow before timeout for the flow to not expire	

Command Mode

- /exec/configure

flow timeout inactive

{ [no] flow timeout inactive <time> | no flow timeout inactive }

Syntax Description

Syntax Description	<i>flow</i>	Enable/Disable NetFlow configuration
	<i>timeout</i>	Define a Flow Timeout
	<i>inactive</i>	inactive or normal timeout
	<i>time</i>	Time in seconds

Command Mode

- /exec/configure

flow timeout session

[no] flow timeout session

Syntax Description

Syntax Description	
flow	Enable/Disable NetFlow configuration
timeout	Define a Flow Timeout
session	Enable TCP session aging

Command Mode

- /exec/configure

flowcontrol hardware

[no] flowcontrol hardware

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flowcontrol	Set flow control
hardware	Set hardware flowcontrol

Command Mode

- /exec/configure/com1

flowcontrol receive

```
flowcontrol { receive { <rx_flowctrl> } | send { <tx_flowctrl> } } | no flowcontrol { receive [ { <rx_flowctrl>
} ] | send [ { <tx_flowctrl> } ] }
```

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	flowcontrol	Configure interface flowcontrol
	receive	Receive pause frames
	<i>rx_flowctrl</i>	Receive flow control
	send	Send pause frames
	<i>tx_flowctrl</i>	Send flow control

Command Mode

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

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flush-routes	Flush routes in RIB during restart

Command Mode

- /exec/configure/router-rip

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flush-routes	Flush routes in RIB upon controlled restart

Command Mode

- /exec/configure/router-bgp

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flush-routes	Flush routes on a non-graceful controlled restart

Command Mode

- /exec/configure/router-ospf

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	flush-routes	Flush routes on non-graceful controlled restart

Command Mode

- /exec/configure/router-isis

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
flush-routes	Flush routes on a non-graceful controlled restart

Command Mode

- /exec/configure/router-ospf3

flush-routes

[no] flush-routes

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	flush-routes	Flush routes in RIB during restart

Command Mode

- /exec/configure/router-eigrp

follow

follow <name> | no follow

Syntax Description

Syntax Description

no Negate a command or set its defaults

follow Group to be followed

name master name string to follow

Command Mode

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

forceshut reset-reason

```
forceshut [ { module <module> | <s0> <santa-cruz-range> | zone <zonenumber> <subzone> } ] reset-reason
<reset_reason_string>
```

Syntax Description

Syntax Description		
forceshut		Force the entire switch to shut down
module		(Optional) Optional. Module to be forceshut(optional arg)
<i>module</i>		(Optional) please enter the module number
<i>s0</i>		(Optional) Power off a specific xbar
<i>santa-cruz-range</i>		(Optional) please enter the xbar number
zone		(Optional) Optional. Zone to be forceshut(optional arg)
<i>zonenumber</i>		(Optional) please enter the zone number
<i>subzone</i>		(Optional) please enter the subzone number
reset-reason		Shut down (with reset-reason)
<i>reset_reason_string</i>		please enter reset_reason_string in quotes

Command Mode

- /exec

format bootflash

format bootflash:

Syntax Description

Syntax Description

format Format disks

bootflash: Format
bootflash:

Command Mode

- /exec

format bootflash check-filesystem

format bootflash: check-filesystem

Syntax Description

Syntax Description

format	Format disks
--------	--------------

bootflash:	Format bootflash:
------------	-------------------

check-filesystem	Format bootflash: and fix any errors in file system
------------------	---

Command Mode

- /exec

format usb1

format usb1:

Syntax Description

Syntax Description

`format` Format
disks

`usb1:` Format
`usb1:`

Command Mode

- /exec

format usb2

format usb2:

Syntax Description

Syntax Description

format Format
disks

usb2: Format
usb2:

Command Mode

- /exec

forward

[no] forward

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

forward Configure paths

Command Mode

- /exec/configure/mpls_static/ipv4/lsp/inlabel

forwarder preempt

[no] forwarder preempt [delay minimum <min-delay>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
forwarder	Forwarder Configuration
preempt	Overthrow lower priority designated routers
delay	(Optional) Wait before preempting
minimum	(Optional) Delay at least this long
<i>min-delay</i>	(Optional) Number of seconds for minimum delay

Command Mode

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

forwarding-adjacency

[no] forwarding-adjacency | forwarding-adjacency [holdtime <msec>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
forwarding-adjacency	Treat this tunnel as a Forwarding Adjacency
holdtime	(Optional) How long in msec to wait upon flooding a down Forwarding Adjacency
msec	(Optional) Holdtime on MPLS TE Down

Command Mode

- /exec/configure/if-te

fragments

[no] fragments <opt_type>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	<i>opt_type</i>	frag_op_type

Command Mode

- /exec/configure/ipacl /exec/configure/ipv6acl

frequency

{ { no | default } frequency | frequency <seconds> }

Syntax Description

Syntax Description

no

default Set a command to its defaults

frequency Frequency of an operation

seconds Frequency in seconds

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

from to

```
[no] { { from <frm-list> to <to-val> } | { default { <value> | copy | ignore } } }
```

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	from	Map values from this
	<i>frm-list</i>	Original list of values which are to be mapped
	to	Map values to this
	<i>to-val</i>	New mapped value
	default	map default values
	<i>value</i>	default value to be set
	copy	Do a default copy
	ignore	Ignore any unspecified values

Command Mode

- /exec/configure/table-map

from to

{ [no] { { from <frm-list> to <to-val> } | { default <value> } } } | default copy

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
from	Map values from this
<i>frm-list</i>	Original list of values which are to be mapped
to	Map values to this
<i>to-val</i>	New mapped value
default	map default values
<i>value</i>	default value to be set
copy	Do a default copy

Command Mode

- /exec/configure/def-tmap

