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fabric-binding activate vsan

[no] fabric-binding activate vsan <i0> [[force] [no-auto-learn]]

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric-binding	Fabric Binding configuration
activate	Activate Configured Fabric Bindings
vsan	VSAN id for fabric bindings
i0	VSAN range
force	(Optional) Activate even if it is an erronious activation
no-auto-learn	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure

fabric-binding database copy vsan

fabric-binding database copy vsan <i0>

Syntax Description

fabric-binding	Fabric binding
database	Fabric binding database
copy	Copy active to config database
vsan	VSAN Id
i0	VSAN range

Command Mode

- /exec

fabric-binding database diff active vsan

fabric-binding database diff active vsan <i0>

Syntax Description

fabric-binding	Fabric binding
database	Fabric binding database
diff	Difference in fabric-binding database
active	Active database wrt Configured database
vsan	VSAN Id
i0	VSAN number

Command Mode

- /exec

fabric-binding database diff config vsan

fabric-binding database diff config vsan <i0>

Syntax Description

fabric-binding	Fabric binding
database	Fabric binding database
diff	Difference in fabric-binding database
config	Configured database wrt Active database
vsan	VSAN Id
i0	VSAN number

Command Mode

- /exec

fabric-binding database vsan

[no] fabric-binding database vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric-binding	Fabric Binding configuration
database	Fabric Binding Config database
vsan	VSAN id for fabric bindings
i0	VSAN number

Command Mode

- /exec/configure

fabric-binding fip enable

[no] fabric-binding fip enable <fip_id> <fip_action_id>

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric-binding	Fabric Binding configuration
fip	Fault Injection Point enabling or disabling
enable	Enabling FIP
fip_id	FIP Id
fip_action_id	FIP action ID

Command Mode

- /exec/configure

fabric-binding restart

fabric-binding restart

Syntax Description

fabric-binding	Fabric Binding configuration
restart	Restart PSM Process using FIP

Command Mode

- /exec

fabric-port-channel vhba-reset

[no] fabric-port-channel vhba-reset

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric-port-channel	Port on which this is feature is applied
vhba-reset	Send RSCNs to vhba on fabric-po member shut/down event

Command Mode

- /exec/configure

fabric-ready time

[no] fabric-ready time <sec>

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric-ready	fabric ready time
time	time
sec	time in seconds

Command Mode

- /exec/configure/if-nve

fabric database auto-pull dci node-id

fabric database auto-pull dci node-id <mgmt-ip-address>

Syntax Description

fabric	Fabric
database	Fabric Database
auto-pull	Pull configuration
dci	DCI profile
node-id	management ip address of this node
mgmt-ip-address	IP address in CIDR format

Command Mode

- /exec

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

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

Command Mode

- /exec

fabric database inherit-profile-map

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

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.
id	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

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

Command Mode

- /exec/configure

fabric database override-profile

[no] fabric database override-profile <profilename>

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
override-profile	Override the network profile name
profilename	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

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

Command Mode

- /exec/configure

fabric database profile-map

[no] fabric database profile-map <id>

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
profile-map	Configure a profile map
id	Profile Map ID

Command Mode

- /exec/configure

fabric database profile-map global

[no] fabric database profile-map global

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

fabric	Fabric
database	Fabric Database
refresh	Refresh profile configuration
dot1q	Dot1Q Encapsulation
vlan-id	
interface	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
interface-id	(Optional) Name of interface
mobility-domain	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
name	(Optional) Mobility Domain Name

Command Mode

- /exec

fabric database refresh vni

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

Syntax Description

fabric	Fabric
database	Fabric Database
refresh	Refresh profile configuration
vni	Virtual Network Identifier
vni-id	
include-vrf	Include VRF name
vrf-name	VRF name

Command Mode

- /exec

fabric database static-host

[no] fabric database static-host

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Fabric Database
static-host	Configure a static host

Command Mode

- /exec/configure

fabric database type bl-dci

[no] fabric database type bl-dci

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

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 host

[no] fabric database type host

Syntax Description

no	(Optional) Negate a command or set its defaults
fabric	Fabric
database	Configure Fabric Database
type	Configure database type
host	Host Database

Command Mode

- /exec/configure

fabric database type network

[no] fabric database type network

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

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

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 admin-distance

{ fabric forwarding admin-distance <distance> } | { no fabric forwarding admin-distance }

Syntax Description

no	Negate a command or set its defaults
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
admin-distance	Administrative distance for HMM host routes
distance	Set the administrative distance for HMM (default is 190)

Command Mode

- /exec/configure

fabric forwarding anycast-gateway-mac

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

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
mac-addr	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

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
mmoves	Set Number of host moves to be allowed in n secs. Default is 5
nsecs	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

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

Command Mode

- /exec/configure

fabric forwarding dup-host-unfreeze-timer unfreeze-count

{ fabric forwarding dup-host-unfreeze-timer <timeout> unfreeze-count <count> | no fabric forwarding dup-host-unfreeze-timer }

Syntax Description

no	Negate a command or set its defaults
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
dup-host-unfreeze-timer	Refresh the frozen duplicate host
timeout	Set the timeout in secs to refresh the duplicate host. Default is 180 secs
unfreeze-count	Maximum number of refreshes
count	Set the maximum number of host refresh

Command Mode

- /exec/configure

fabric forwarding limit-vlan-mac

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

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 4096)
max-limit	Set max-limit

Command Mode

- /exec/configure

fabric forwarding mode anycast-gateway

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

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 mode anycast-gateway hybrid

[no] fabric forwarding mode anycast-gateway hybrid

Syntax Description

no	(Optional) 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
hybrid	Hybrid 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

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

factory-reset factory-reset module

factory-reset [bypass-secure-erase] [preserve-image] [verbose] [force] | factory-reset module <module> [bypass-secure-erase] [preserve-image] [verbose] [force]

Syntax Description

factory-reset	Erase persistent storage and reset module to factory defaults
module	Per-module factory reset
module	Enter module number
bypass-secure-erase	(Optional) Bypass secure erase - reformat only
preserve-image	(Optional) Preserve system image
verbose	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

factory-reset module all

factory-reset module all [bypass-secure-erase] [preserve-image] [verbose] [force]

Syntax Description

factory-reset	Erase persistent storage and reset module to factory defaults
module	Per-module factory reset
all	Select all modules
bypass-secure-erase	(Optional) Bypass secure erase - reformat only
preserve-image	(Optional) Preserve system image
verbose	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

fast-convergence

fast-convergence | no fast-convergence

Syntax Description

no	Negate a command or set its defaults
fast-convergence	Enable vPC fast-convergence

Command Mode

- /exec/configure/vpc-domain

fast-external-fallover

[no] fast-external-fallover

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

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 interval

[no] fast-flood interval <interval>

Syntax Description

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

Command Mode

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

fast-reload network-os

fast-reload network-os <uri>

Syntax Description

fast-reload	fast-reload software
network-os	non-cisco OS
uri	Enter image uri

Command Mode

- /exec

fcalias clone vsan

fcalias clone <s0> <s1> vsan <i0>

Syntax Description

fcalias	Fcalias configuration commands
clone	Fcalias clone command
s0	Current fcalias name
s1	New fcalias name
vsan	clone fcalias name on a vsan
i0	VSAN id

Command Mode

- /exec/configure

fcalias name vsan

[no] fcalias name <s0> vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcalias	Fcalias configuration commands
name	Configure an fcalias
s0	Enter the name of fcalias
vsan	Configure an fcalias on a VSAN
i0	VSAN id

Command Mode

- /exec/configure

fcalias rename vsan

fcalias rename <s0> <s1> vsan <i0>

Syntax Description

fcalias	Fcalias configuration commands
rename	Fcalias rename command
s0	Current fcalias name
s1	New fcalias name
vsan	rename fcalias name on a vsan
i0	VSAN id

Command Mode

- /exec/configure

fcdomain abort vsan

[no] fcdomain abort vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
abort	Flush cached data without commiting and release lock
vsan	Specify the vsan id
i0	VSAN id

Command Mode

- /exec/configure

fcdomain allowed vsan

[no] fcdomain allowed <i0> vsan <i1>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
allowed	Configure allowed domain IDs
i0	Specify the allowed domain IDs
vsan	Specify the vsan id
i1	VSAN id

Command Mode

- /exec/configure

fcdomain commit vsan

[no] fcdomain commit vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
commit	Commit cached data and release lock
vsan	Specify the vsan id
i0	VSAN id

Command Mode

- /exec/configure

fcdomain contiguous-allocation vsan

[no] fcdomain contiguous-allocation vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
contiguous-allocation	Configure the contiguous allocation option
vsan	Specify the vsan range
i0	VSAN id range

Command Mode

- /exec/configure

fcdomain distribute

[no] fcdomain distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
distribute	Enable fabric distribution using CFS

Command Mode

- /exec/configure

fcdomain domain

[no] fcdomain domain { <i0> { preferred vsan <i1> | static vsan1 <i2> } | <i3> { preferred vsan2 <i4> | static vsan3 <i5> } }

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
domain	Configure the domain id and its type
i0	Configure the domain id in decimal, 0 not allowed for static dom
preferred	Configure the domain id as preferred
vsan	Specify the vsan range
i1	VSAN id range
static	Configure the domain id as static
vsan1	Specify the vsan range
i2	VSAN id range
i3	Configure the domain id in hexadecimal
preferred	Configure the domain id as preferred
vsan2	Specify the vsan range
i4	VSAN id range
static	Configure the domain id as static
vsan3	Specify the vsan range
i5	VSAN id range

Command Mode

- /exec/configure

fcdomain fabric-name vsan

[no] fcdomain fabric-name <wwn0> vsan <i1>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
fabric-name	Configure the fabric name
wwn0	Configure the fabric name value
vsan	Specify the vsan id
i1	VSAN id

Command Mode

- /exec/configure

fcdomain fcid database

[no] fcdomain fcid database

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
fcid	Configure fcdomain persistent FCIDs
database	Enter persistent FCIDs submode

Command Mode

- /exec/configure

fcdomain fcid persistent vsan

[no] fcdomain fcid persistent vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
fcid	Configure fcdomain persistent FCIDs
persistent	Enable/disable fcdomain persistent FCIDs
vsan	Specify the vsan id
i0	VSAN id

Command Mode

- /exec/configure

fcdomain free-fcid

fcdomain free-fcid [[uuid <i0>] [[fcid <i1>] [[whole-area] [[wwn <wwn2>] [vsan <i3>]]]]]

Syntax Description

fcdomain	fcdomain internal command
free-fcid	Free FCIDs based on WWN, UUID
uuid	(Optional) Specify the requester UUID
i0	(Optional) requester UUID
fcid	(Optional) Specify the fcid
i1	(Optional) FCID
whole-area	(Optional) Specify if a full area is requested
wwn	(Optional) Specify the requester's WWN
wwn2	(Optional) requester's WWN
vsan	(Optional) Specify the VSAN index
i3	(Optional) VSAN id range

Command Mode

- /exec

fcdomain optimize

[no] fcdomain optimize { fast-restart vsan <i0> | selective-restart vsan1 <i1> | scale-restart vsan2 <i2> | all vsan3 <i3> }

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
optimize	Enable optimized fcdomain behavior
fast-restart	Fast fabric reconfiguration (Fast BF)
vsan	Specify a list of vsan ranges
i0	VSAN id range
selective-restart	Selective fabric reconfiguration (Selective BF/RCF)
vsan1	Specify a list of vsan ranges
i1	VSAN id range
scale-restart	Scale restart (Consolidated EFP)
vsan2	Specify a list of vsan ranges
i2	VSAN id range
all	Enable all optimizations
vsan3	Specify a list of vsan ranges
i3	VSAN id range

Command Mode

- /exec/configure

fcdomain priority vsan

[no] fcdomain priority <i0> vsan <i1>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Enter the fcdomain configuration mode
priority	Configure the priority
i0	Specify the priority value
vsan	Specify the vsan range
i1	VSAN id range

Command Mode

- /exec/configure

fcdomain rcf-reject vsan

[no] fcdomain rcf-reject vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdomain	Configure fcdomain parameters
rcf-reject	Configure the rcf-reject flag
vsan	Specify the vsan range
i0	VSAN id range

Command Mode

- /exec/configure/if-fc /exec/configure/if-san-port-channel /exec/configure/if-fcip /exec/configure/if-tunnel /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-vfc

fcdroplatency network

[no] fcdroplatency { network <i0> [vsan <i1>] | switch <i2> }

Syntax Description

no	(Optional) Negate a command or set its defaults
fcdroplatency	configure switch or network latency
network	network latency in milliseconds
i0	network latency in milliseconds
vsan	(Optional) VSAN id range
i1	(Optional)
switch	switch latency in milliseconds
i2	switch latency in milliseconds

Command Mode

- /exec/configure

fcid-allocation area company-id

[no] fcid-allocation area company-id <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
fcid-allocation	Add/remove company id(or OUIs) from auto area list
area	Add/remove company ids(or OUIs) to auto area list
company-id	Company id (or OUI)
i0	Enter company id(or OUI) (0xhhhhhh)

Command Mode

- /exec/configure

fcinterop fcid-allocation

[no] fcinterop fcid-allocation { auto | flat | none }

Syntax Description

no	(Optional) Negate a command or set its defaults
fcinterop	Interop commands
fcid-allocation	Configure fcid interop mode
auto	Assign single fcid to compatible HBA's
flat	Assign single fcid
none	Assign fcid range

Command Mode

- /exec/configure

fcinterop loop-monitor

[no] fcinterop loop-monitor

Syntax Description

no	(Optional) Negate a command or set its defaults
fcinterop	Interop commands
loop-monitor	Configure monitoring of NL ports in loop

Command Mode

- /exec/configure

fcoe

[no] fcoe

Syntax Description

no	(Optional) Negate a command or set its defaults
fcoe	create fcoe associate between fex and switch

Command Mode

- /exec/configure/fex

fcoe

[no] fcoe

Syntax Description

no	(Optional) Negate a command or set its default
fcoe	FCOE Congiguration

Command Mode

- /exec/configure/vlan

fcoe enable-fex

[no] fcoe enable-fex

Syntax Description

no	(Optional) Negate a command or set its defaults
fcoe	FCOE command
enable-fex	Enables FCoE over FEX HIF interfaces

Command Mode

- /exec/configure

fcoe fcf-priority

fcoe fcf-priority <i0> | no fcoe fcf-priority

Syntax Description

no	Negate a command or set its defaults
fcoe	FCOE command
fcf-priority	FCF priority specification
i0	Enter FCF prirority

Command Mode

- /exec/configure

fcoe fcmap

fcoe fcmap <i0> | no fcoe fcmap

Syntax Description

no	Negate a command or set its defaults
fcoe	FCOE command
fcmap	FC MAP specification
i0	Enter FCMAP

Command Mode

- /exec/configure

fcoe fka-adv-period

fcoe fka-adv-period <i0> | no fcoe fka-adv-period

Syntax Description

no	Negate a command or set its defaults
fcoe	FCOE command
fka-adv-period	FKA Advertisement Period
i0	FKA Advertisement Period (in sec)

Command Mode

- /exec/configure

fcoe veloopback

fcoe veloopback | no fcoe veloopback

Syntax Description

no	Negate a command or set its defaults
fcoe	FCOE command
veloopback	VFID check for VE ports

Command Mode

- /exec/configure

fcoe vsan

fcoe vsan <tran-id> | no fcoe vsan

Syntax Description

no	Negate a command or set its default
fcoe	FCOE Congiguration
vsan	Translated VSAN Status
tran-id	Enter VSAN-ID being associated with VLAN-ID

Command Mode

- /exec/configure/vlan

fcping

fcping { device-alias <s0> vsan <i0> [[count <i1>] [[timeout <i2>] [usr-priority <i3>]]] | fcid <i4> vsan1 <i5> [[count1 <i6>] [[timeout1 <i7>] [usr-priority1 <i8>]]] | pwwn <wwn9> vsan2 <i10> [[count2 <i11>] [[timeout2 <i12>] [usr-priority2 <i13>]]] }

Syntax Description

fcping	Ping an N-Port
device-alias	Device-alias of the destination N-Port
s0	Enter device-alias name
vsan	vsan id of the destination N Port.
i0	The VSAN Number.
count	(Optional) Number of frames to send. A value of 0 sends forever.
i1	(Optional) Frame count
timeout	(Optional) The timeout value.
i2	(Optional) Timeout in seconds
usr-priority	(Optional) The priority the frame receives in the switch fabric
i3	(Optional) User priority
fcid	FC-id of the destination N-Port
i4	The FC-id
vsan1	vsan id of the destination N Port.
i5	The VSAN number.
count1	(Optional) Number of frames to send. A value of 0 sends forever.
i6	(Optional) Frame count
timeout1	(Optional) The timeout value.
i7	(Optional) Timeout in seconds
usr-priority1	(Optional) The priority the frame receives in the switch fabric
i8	(Optional) User priority
pwwn	PWWN of the destination N-Port
wwn9	The Port WWN
vsan2	vsan id of the destination N Port.

i10	The VSAN Number.
count2	(Optional) Number of frames to send. A value of 0 sends forever.
i11	(Optional) Frame count
timeout2	(Optional) The timeout value.
i12	(Optional) Timeout in seconds
usr-priority2	(Optional) The priority the frame receives in the switch fabric
i13	(Optional) User priority

Command Mode

- /exec

fcs plat-check-global vsan

[no] fcs plat-check-global vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
plat-check-global	Platform Name/Node Name checking to be done fabric-wide
vsan	VSAN id for plat checking
i0	VSAN number

Command Mode

- /exec/configure

fcs register

[no] fcs register

Syntax Description

no	(Optional) Negate a command or set its defaults
register	Register FCS attributes

Command Mode

- /exec/configure

fcs virtual-device-add

[no] fcs virtual-device-add [vsan-ranges <i0>]

Syntax Description

no	(Optional) Negate a command or set its defaults
virtual-device-add	Include Virtual devices in response
vsan-ranges	(Optional) VSAN Id
i0	(Optional) Enter upto 32 ranges of VSAN identifiers

Command Mode

- /exec/configure

fctimer D_S_TOV

[no] fctimer D_S_TOV <i0> [vsan <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
D_S_TOV	D_S_TOV in milliseconds(5000-10000)
i0	D_S_TOV in milliseconds(5000-10000)
vsan	(Optional) Specify VSAN id
i1	(Optional) VSAN id

Command Mode

- /exec/configure

fctimer E_D_TOV

[no] fctimer E_D_TOV <i0> [vsan <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
E_D_TOV	E_D_TOV in milliseconds(1000-4000)
i0	E_D_TOV in milliseconds(1000-4000)
vsan	(Optional) Specify VSAN id
i1	(Optional) VSAN id

Command Mode

- /exec/configure

fctimer R_A_TOV

[no] fctimer R_A_TOV <i0> [vsan <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
R_A_TOV	R_A_TOV in milliseconds(5000-10000)
i0	R_A_TOV in milliseconds(5000-10000)
vsan	(Optional) Specify VSAN id
i1	(Optional) VSAN id

Command Mode

- /exec/configure

fctimer abort

[no] fctimer abort

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
abort	abort the fctimer configuration commands

Command Mode

- /exec/configure

fctimer commit

[no] fctimer commit

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
commit	commit the fctimer configuration commands

Command Mode

- /exec/configure

fctimer distribute

[no] fctimer distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
fctimer	configure fibre channel timers
distribute	Enable distribution of fctimer configuration using CFS

Command Mode

- /exec/configure

fctrace

fctrace { device-alias <s0> vsan <i0> [timeout <i1>] | fcid <fcid2> vsan1 <i3> [timeout1 <i4>] | pwwn <wwn5> vsan2 <i6> [timeout2 <i7>] }

Syntax Description

fctrace	Trace the route for an N-Port.
device-alias	Device-alias of the destination N-Port
s0	Enter device-alias name
vsan	vsan id of the destination N Port.
i0	The VSAN Number.
timeout	(Optional) The timeout value.
i1	(Optional) Timeout in seconds
fcid	FC-id of the destination N-Port
fcid2	The FC-id
vsan1	vsan id of the destination N Port.
i3	The VSAN Number.
timeout1	(Optional) The timeout value.
i4	(Optional) Timeout in seconds
pwwn	PWWN of the destination N-Port
wwn5	The Port WWN
vsan2	vsan id of the destination N Port.
i6	The VSAN Number.
timeout2	(Optional) The timeout value.
i7	(Optional) Timeout in seconds

Command Mode

- /exec

fctrace module

[no] fctrace module { all | <i0> }

Syntax Description

no	Negate a command or set its defaults
fctrace	Trace the route for an N-Port.
module	Disable FCTrace on a specific module.
all	Disable FCTrace on all Gen-3 modules.
i0	Module Number on which FCTrace should be disabled.

Command Mode

- /exec/configure

fdmi suppress-updates vsan

[no] fdmi suppress-updates vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-updates	suppress FDMIs updates
vsan	VSAN id
i0	VSAN id range

Command Mode

- /exec/configure

feature-set

feature-set <fs>

Syntax Description

feature-set	Enable feature-set
fs	allow feature-set

Command Mode

- /exec/configure

feature-set

[no] feature-set <fs>

Syntax Description

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

Command Mode

- /exec/configure

feature

[no] feature <arg1>

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Feature name
arg1	Enter feature name

Command Mode

- /exec/configure/rolefeaturegrp

feature analytics

[no] feature analytics

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
analytics	Enable/Disable Analytics!!!

Command Mode

- /exec/configure

feature app-hosting

[no] feature app-hosting

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
app-hosting	Enable/Disable app-hosting feature

Command Mode

- /exec/configure

feature bash-shell

[no] feature bash-shell

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

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

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

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 dhcp

[no] feature dhcp

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
dhcp	Enable/Disable DHCP Manager

Command Mode

- /exec/configure

feature dot1x

[no] feature dot1x

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
dot1x	Enable/Disable dot1x

Command Mode

- /exec/configure

feature eigrp

[no] feature eigrp

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 epbr

[no] feature epbr

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
epbr	Enable/Disable Enhanced Policy Based Routing (EPBR)

Command Mode

- /exec/configure

feature evb

[no] feature evb

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

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

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 flexlink

[no] feature flexlink

Syntax Description

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

Command Mode

- /exec/configure

feature fport-channel-trunk

[no] feature fport-channel-trunk

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
fport-channel-trunk	Enable/Disable Trunking F Ports and channels

Command Mode

- /exec/configure

feature frequency-synchronization

[no] feature frequency-synchronization

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
frequency-synchronization	Enable/Disable fsync

Command Mode

- /exec/configure

feature grpc

[no] feature grpc

Syntax Description

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

Command Mode

- /exec/configure

feature grpctunnel

[no] feature grpctunnel

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
grpctunnel	Enable/Disable grpc tunnel

Command Mode

- /exec/configure

feature hardware-telemetry

[no] feature hardware-telemetry

Syntax Description

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

Command Mode

- /exec/configure

feature hsrp

[no] feature hsrp

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
hsrp	Enable/Disable Hot Standby Router Protocol (HSRP)

Command Mode

- /exec/configure

feature imp

[no] feature imp

Syntax Description

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

Command Mode

- /exec/configure

feature interface-vlan

[no] feature interface-vlan

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 intersight

[no] feature intersight

Syntax Description

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

Command Mode

- /exec/configure

feature isis

[no] feature isis

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 itd

[no] feature itd

Syntax Description

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

Command Mode

- /exec/configure

feature lacp

[no] feature lacp

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

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

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

Command Mode

- /exec/configure

feature macsec

[no] feature macsec

Syntax Description

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

Command Mode

- /exec/configure

feature mdns

[no] feature mdns

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mdns	Enable/Disable MDNS Gateway

Command Mode

- /exec/configure

feature mpls evpn

[no] feature mpls evpn

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
evpn	Enable MPLS EVPN

Command Mode

- /exec/configure

feature mpls l3vpn

[no] feature mpls l3vpn

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
l3vpn	Enable/Disable Layer 3 Virtual Private Networks

Command Mode

- /exec/configure

feature mpls oam

[no] feature mpls oam

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
oam	Enable MPLS OAM

Command Mode

- /exec/configure

feature mpls segment-routing

[no] feature mpls segment-routing

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
segment-routing	Enable Segment-routing

Command Mode

- /exec/configure

feature mpls segment-routing traffic-engineering

[no] feature mpls segment-routing traffic-engineering

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
segment-routing	Enable Segment-routing
traffic-engineering	Enable/Disable segment-routing traffic-engineering

Command Mode

- /exec/configure

feature mpls static

[no] feature mpls static

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mpls	Enable/Disable MPLS Services
static	Enable/Disable Static Labeled Paths

Command Mode

- /exec/configure

feature msdp

[no] feature msdp

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 mvpn

[no] feature mvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
mvpn	Multicast Virtual Private Networks.

Command Mode

- /exec/configure

feature nat

[no] feature nat

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 nbm

[no] feature nbm

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable a feature
nbm	Enable/Disable Non Blocking Multicast (NBM) feature

Command Mode

- /exec/configure

feature netconf

[no] feature netconf

Syntax Description

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

Command Mode

- /exec/configure

feature netflow

[no] feature netflow

Syntax Description

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

Command Mode

- /exec/configure

feature ngmvpn

[no] feature ngmvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
ngmvpn	Enable/Disable EVPN/MVPN features

Command Mode

- /exec/configure

feature ngoam

[no] feature ngoam

Syntax Description

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

Command Mode

- /exec/configure

feature ngoam

[no] feature ngoam

Syntax Description

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

Command Mode

- /exec/configure

feature npiv

[no] feature npiv

Syntax Description

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

Command Mode

- /exec/configure

feature npiv

[no] feature npiv

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
npiv	Enable/Disable Nx port Id Virtualization (NPIV)

Command Mode

- /exec/configure

feature ntp

[no] feature ntp

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 nv overlay

[no] feature nv overlay

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
nv	Enable/Disable VxLAN
overlay	Enable/Disable VxLAN

Command Mode

- /exec/configure

feature nxapi

[no] feature nxapi

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 nxsdk

[no] feature nxsdk

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 ofm

[no] feature ofm

Syntax Description

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

Command Mode

- /exec/configure

feature openconfig

[no] feature openconfig

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
openconfig	Enable/Disable OpenConfig models

Command Mode

- /exec/configure

feature ospf

[no] feature ospf

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

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 [tam]

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
tam	(Optional) Encrypt type-6 master-key using hardware Trust Anchor Module(TAM)

Command Mode

- /exec/configure

feature pbr

[no] feature pbr

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

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

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 pnp

[no] feature pnp

Syntax Description

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

Command Mode

- /exec/configure

feature poap

[no] feature poap

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 poe

[no] feature poe

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable a feature
poe	Enable/Disable Power over Ethernet(PoE) feature

Command Mode

- /exec/configure

feature pong

[no] feature pong

Syntax Description

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

Command Mode

- /exec/configure

feature port-security

[no] feature port-security

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable eth port security features
port-security	Enable/Disable port-security

Command Mode

- /exec/configure

feature private-vlan

[no] feature private-vlan

Syntax Description

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

Command Mode

- /exec/configure

feature ptp

[no] feature ptp

Syntax Description

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

Command Mode

- /exec/configure

feature restconf

[no] feature restconf

Syntax Description

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

Command Mode

- /exec/configure

feature rip

[no] feature rip

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 scheduler

[no] feature scheduler

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

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 sflow

[no] feature sflow

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
sflow	Enable/Disable sFlow agent

Command Mode

- /exec/configure

feature sftp-server

[no] feature sftp-server

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 signature-verification

[no] feature signature-verification

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
signature-verification	Enable image signature verification

Command Mode

- /exec/configure

feature sla responder

[no] feature sla responder

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
sla	Enable/Disable SLA
responder	Enable/Disable responder part of SLA

Command Mode

- /exec/configure

feature sla sender

[no] feature sla sender

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
sla	Enable/Disable SLA
sender	Enable/Disable sender part of SLA

Command Mode

- /exec/configure

feature sla twamp-server

[no] feature sla twamp-server

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
sla	Enable/Disable SLA
twamp-server	Enable/Disable twamp-server part of SLA

Command Mode

- /exec/configure

feature srv6

[no] feature srv6

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
srv6	Enable/Disable SRv6

Command Mode

- /exec/configure

feature ssh

[no] feature ssh

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

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

Command Mode

- /exec/configure

feature tap-aggregation

[no] feature tap-aggregation

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable a feature
tap-aggregation	Enable/Disable feature tap-aggregation

Command Mode

- /exec/configure

feature telemetry

[no] feature telemetry

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

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

Command Mode

- /exec/configure

feature tunnel-encryption

[no] feature tunnel-encryption

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
tunnel-encryption	Enable/Disable Tunnel Encryptiontunnel-encryption

Command Mode

- /exec/configure

feature tunnel

[no] feature tunnel

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
tunnel	Enable/Disable Tunnel Manager

Command Mode

- /exec/configure

feature udld

[no] feature udld

Syntax Description

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

Command Mode

- /exec/configure

feature vmtracker

[no] feature vmtracker

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vmtracker	Enable/Disable VM Tracker feature

Command Mode

- /exec/configure

feature vn-segment-vlan-based

[no] feature vn-segment-vlan-based

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vn-segment-vlan-based	Enable/Disable VLAN based VN segment

Command Mode

- /exec/configure

feature vpc

[no] feature vpc

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vpc	Enable/Disable VPC (Virtual Port Channel)

Command Mode

- /exec/configure

feature vrrp

[no] feature vrrp

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vrrp	Enable/Disable Virtual Router Redundancy Protocol (VRRP)

Command Mode

- /exec/configure

feature vrrpv3

[no] feature vrrpv3

Syntax Description

no	(Optional) Negate a command or set its defaults
feature	Command to enable/disable features
vrrpv3	Enable/Disable Virtual Router Redundancy Protocol (VRRP) version 3

Command Mode

- /exec/configure

feature vtp

[no] feature vtp

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

no	Negate a command or set its defaults
fec	Forwarding error correction
fec_val	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

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

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

Command Mode

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

file-server

[no] file-server <port>

Syntax Description

no	(Optional) Negate a command or set its defaults
file-server	Hosts a file-server to a particular directory
port	Port number. Please do not use well-known protocol ports

Command Mode

- /exec/configure

filter

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

Syntax Description

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

Command Mode

- /exec/configure/certmap-filter

filter

[no] filter <filtername>

Syntax Description

filter	Specify the filter to be applied
filtername	filter name to be applied

Command Mode

- /exec/configure/analytics/system

filter

[no] filter <filtername>

Syntax Description

filter	Specify the filter to be applied
filtername	filter name to be applied

Command Mode

- /exec/configure/nfm-system

filter access-group

[no] filter access-group <vacl-name> [allow-sharing]

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Filter configuration
access-group	access control group
vacl-name	List name
allow-sharing	(Optional) allow up to 4 access control groups on same source interface

Command Mode

- /exec/configure/monitor-local-src /exec/configure/config-monitor /exec/configure/config-monitor-erspan-src

filter file

filter file { <file-name> | parser-v1.0.json } [md5 <md5-hash-value>] | no filter

Syntax Description

no	Negate a command or set its defaults
filter	Specify filter
file	Filename
md5	(Optional) md5 hash value
file-name	filter filename
parser-v1.0.json	Data filtering and transformation input file. version 1.0
md5-hash-value	(Optional) md5 hash value (32 characters) associated with this filter

Command Mode

- /exec/configure/telemetry/destination-group

filter ip

[no] filter ip <src_ip> <src_mask> <dst_ip> <dst_mask>

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Set SPAN filter options
ip	Set SPAN IP filtering options
src_ip	Set source IP address
src_mask	Set source IP mask
dst_ip	Set destination IP address
dst_mask	Set destination IP mask

Command Mode

- /exec/configure/monitor-local-src /exec/configure/config-monitor /exec/configure/config-monitor-erspan-src

filter ip access-list

[no] filter ip access-list <aclname>

Syntax Description

filter	Filter configuration
ip	IPv4 Filter
access-list	access-list
aclname	access control list name

Command Mode

- /exec/configure/config-buffer-latency-monitor

filter ip access-list

[no] filter ip access-list <aclname>

Syntax Description

filter	Filter configuration
ip	IPv4 Filter
access-list	access-list
aclname	access control list name

Command Mode

- /exec/configure/config-int-clone-md-source-monitor

filter ip access-list

[no] filter ip access-list <aclname>

Syntax Description

filter	Filter configuration
ip	IPv4 Filter
access-list	access-list
aclname	access control list name

Command Mode

- /exec/configure/config-buffer-drop-monitor

filter ipv6 access-group

[no] filter ipv6 access-group <vacl-name> [allow-sharing]

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Filter configuration
ipv6	ipv6 access group
access-group	access control group
vacl-name	List name
allow-sharing	(Optional) allow up to 4 access control groups on same source interface

Command Mode

- /exec/configure/monitor-local-src /exec/configure/config-monitor /exec/configure/config-monitor-erspan-src

filter ipv6 access-list

[no] filter ipv6 access-list <aclname>

Syntax Description

filter	Filter configuration
ipv6	IPv6 Filter
access-list	access-list
aclname	IPv6 access control list name

Command Mode

- /exec/configure/config-buffer-latency-monitor

filter ipv6 access-list

[no] filter ipv6 access-list <aclname>

Syntax Description

filter	Filter configuration
ipv6	IPv6 Filter
access-list	access-list
aclname	IPv6 access control list name

Command Mode

- /exec/configure/config-int-clone-md-source-monitor

filter ipv6 access-list

[no] filter ipv6 access-list <aclname>

Syntax Description

filter	Filter configuration
ipv6	IPv6 Filter
access-list	access-list
aclname	IPv6 access control list name

Command Mode

- /exec/configure/config-buffer-drop-monitor

filter out

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

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
fltrlist-name	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-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

filter remove

filter remove <seqno>

Syntax Description

filter	Define a 5-tuple filter
remove	Remove a configured filter
seqno	Sequence number

Command Mode

- /exec/flow-path-tracer

filter tx control-packets

[no] filter tx control-packets

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Set SPAN filter options
tx	Set SPAN tx filtering options
control-packets	Filter out CPU generated packets and SPAN only data packets

Command Mode

- /exec/configure/monitor-local-src /exec/configure/config-monitor /exec/configure/config-monitor-erspan-src

filter vlan

[no] filter vlan <vlan_mrange> [include-untagged]

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Filter configuration
vlan	Vlan type
vlan_mrange	
include-untagged	(Optional) Include untagged frames on port with Layer 3 subinterfaces

Command Mode

- /exec/configure/monitor-local-src /exec/configure/config-monitor /exec/configure/config-monitor-erspan-src

filter vlan include-untagged

[no] filter vlan include-untagged

Syntax Description

no	(Optional) Negate a command or set its defaults
filter	Filter configuration
vlan	Vlan type
include-untagged	Include untagged frames on port with Layer 3 subinterfaces

Command Mode

- /exec/configure/config-monitor

find

find <s0>

Syntax Description

find	Find a file below the current directory
s0	Enter the filename prefix to search

Command Mode

- /exec

fips mode enable

[no] fips mode enable

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-count

[no] flow-count <count>

Syntax Description

flow-count	Flow count throttle for drop events
count	<1-32767>

Command Mode

- /exec/configure/config-fte-event/group-latency-events

flow-count

[no] flow-count <count>

Syntax Description

flow-count	Flow count throttle for drop events
count	<1-32767>

Command Mode

- /exec/configure/config-fte-event/group-drop-events

flow-path-tracer

flow-path-tracer

Syntax Description

flow-path-tracer	Enable Flow Path Tracer

Command Mode

- /exec

flow collect tunnel-header

[no] flow collect tunnel-header

Syntax Description

flow	Analytics
collect	Enable collection
tunnel-header	Collect header data for tunneled packets

Command Mode

- /exec/configure/analytics

flow collect tunnel-header

[no] flow collect tunnel-header

Syntax Description

flow	Netflow
collect	Enable collection
tunnel-header	Collect header data for tunneled packets

Command Mode

- /exec/configure

flow collect tunnel-header

[no] flow collect tunnel-header

Syntax Description

flow	Analytics
collect	Enable collection
tunnel-header	Collect header data for tunneled packets

Command Mode

- /exec/configure

flow event

[no] flow event <eventname>

Syntax Description

flow	Enable/Disable Analytics configuration
event	Define a event
eventname	Event name

Command Mode

- /exec/configure

flow event

[no] flow event <eventname>

Syntax Description

flow	Enable/Disable Analytics configuration
event	Define a event
eventname	Event name

Command Mode

- /exec/configure/analytics

flow exporter

[no] flow exporter <exportername>

Syntax Description

flow	Enable/Disable Mixed Mode Analytics configuration
exporter	Define a Flow Exporter
exportername	Name of Flow Exporter

Command Mode

- /exec/configure/analytics

flow exporter

[no] flow exporter <exportername>

Syntax Description

flow	Enable/Disable NetFlow configuration
exporter	Define a Flow Exporter
exportername	Name of Flow Exporter

Command Mode

- /exec/configure

flow exporter

[no] flow exporter <exportername>

Syntax Description

flow	Enable/Disable Analytics configuration
exporter	Define a Flow Exporter
exportername	Name of Flow Exporter

Command Mode

- /exec/configure

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Enable/Disable Analytics configuration
filter	Define a Flow filter
filtername	Filter name

Command Mode

- /exec/configure

flow filter

[no] flow filter <filtername>

Syntax Description

flow	NetFlow related commands
filter	Apply a Flow Filter to this VRF
filtername	Name of Flow Filter

Command Mode

- /exec/configure/vrf

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Analytics related commands
filter	Apply a Analytics Filter to this interface
filtername	Name of Flow Filter

Command Mode

- /exec/configure/if-vlan /exec/configure/if-eth-port-channel /exec/configure/if-igp

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Analytics related commands
filter	Apply a Analytics Filter to this interface
filtername	Name of Flow Filter

Command Mode

- /exec/configure/vlan-config

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Enable/Disable Analytics configuration
filter	Define a Flow filter
filtername	Filter name

Command Mode

- /exec/configure

flow filter

[no] flow filter <filtername>

Syntax Description

flow	NetFlow related commands
filter	Apply a Flow Filter to this VRF
filtername	Name of Flow Filter

Command Mode

- /exec/configure/vrf

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Analytics related commands
filter	Apply a Analytics Filter to this interface
filtername	Name of Flow Filter

Command Mode

- /exec/configure/if-vlan /exec/configure/if-eth-port-channel /exec/configure/if-igp

flow filter

[no] flow filter <filtername>

Syntax Description

flow	Analytics related commands
filter	Apply a Analytics Filter to this interface
filtername	Name of Flow Filter

Command Mode

- /exec/configure/vlan-config

flow monitor

[no] flow monitor <monitorname>

Syntax Description

flow	Enable/Disable NetFlow configuration
monitor	Define a Flow Monitor
monitorname	Name of Flow Monitor

Command Mode

- /exec/configure

flow monitor

[no] flow monitor <monitorname>

Syntax Description

flow	Enable/Disable analytics configuration
monitor	Define a Flow Monitor
monitorname	Name of Flow Monitor

Command Mode

- /exec/configure/analytics

flow monitor

[no] flow monitor <monitorname>

Syntax Description

flow	Enable/Disable analytics configuration
monitor	Define a Flow Monitor
monitorname	Name of Flow Monitor

Command Mode

- /exec/configure

flow policy

[no] flow { policy <policy-name> } [{ vlan <vlans> } { match [ipv4-acl <ipv4-acl-name>] [ipv6-acl <ipv6-acl-name>] [mac-acl <mac-acl-name>] [direction <direction>] [next-hop-vrf { <nh-vrf-name> | default }] } { redirect vtep-ip <next-hop> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
flow	Flow management
policy	specify policy name
policy-name	Flow Policy name
vlan	(Optional) apply to vlan
vlans	(Optional) List of VLANs
match	(Optional) match criteria
ipv4-acl	(Optional) specify ipv4-acl
ipv4-acl-name	(Optional) IPv4-ACL name
ipv6-acl	(Optional) specify ipv6-acl
ipv6-acl-name	(Optional) IPv6-ACL name
mac-acl	(Optional) specify mac-acl
mac-acl-name	(Optional) mac-ACL name
direction	(Optional) specify policy direction
direction	(Optional) direction of access or core
next-hop-vrf	(Optional) specify nexthop vrf
default	(Optional) Default next hop VRF
nh-vrf-name	(Optional) VRF name
redirect	(Optional) specify redirect
vtep-ip	(Optional) specify vtep-ip
next-hop	(Optional) IP next-hop address in format i.i.i.i

Command Mode

- /exec/configure/tunnel-profile

flow profile

[no] flow profile <profilename>

Syntax Description

flow	Enable/Disable Analytics configuration
profile	Define a Flow Profile
profilename	Profile name

Command Mode

- /exec/configure

flow profile

[no] flow profile <profilename>

Syntax Description

flow	Enable/Disable Analytics configuration
profile	Define a Flow Profile
profilename	Profile name

Command Mode

- /exec/configure/analytics

flow record

[no] flow record <recordname>

Syntax Description

flow	Enable/Disable NetFlow configuration
record	Define a Flow Record
recordname	Record name

Command Mode

- /exec/configure

flow record

[no] flow record <recordname>

Syntax Description

flow	Enable/Disable analytics configuration
record	Define a Flow Record
recordname	Record name

Command Mode

- /exec/configure/analytics

flow record

[no] flow record <recordname>

Syntax Description

flow	Enable/Disable analytics configuration
record	Define a Flow Record
recordname	Record name

Command Mode

- /exec/configure

flow rtp history

{ [no] flow rtp history <size> | no flow rtp history }

Syntax Description

flow	Enable/Disable NetFlow configuration
rtp	Real-time Transport Protocol
history	Define RTP Flow Error history size
size	# of records to retain in history. 0 to discard to not maintain any history.

Command Mode

- /exec/configure

flow rtp timeout

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

Syntax Description

flow	Enable/Disable NetFlow configuration
rtp	Real-time Transport Protocol
timeout	Define RTP Flow Error Monitoring Duration
time	Time in Minutes. Enter 0 to keep the flows even if they are idle

Command Mode

- /exec/configure

flow system config

[no] flow system config

Syntax Description

flow	Enable/Disable Analytics configuration
system	Define a Flow system
config	Define a Flow system config

Command Mode

- /exec/configure

flow system config

[no] flow system config

Syntax Description

flow	Enable/Disable Analytics configuration
system	Define a Flow system
config	Define a Flow system config

Command Mode

- /exec/configure/analytics

flow terminate interface

flow terminate interface { <interface-list> | add <add-interface-list> | remove <remove-interface-list> } | no flow terminate interface

Syntax Description

no	Negate a command or set its defaults
flow	Flow management
interface	list of interfaces
interface-list	range of interfaces for flow information
add	list of new interfaces to append to old list
add-interface-list	range of interfaces to be added for flow information
remove	list of interfaces to be removed from the existing list
remove-interface-list	range of interfaces to be removed for flow information
terminate	terminate the tunnel on the interfaces

Command Mode

- /exec/configure/tunnel-profile

flow timeout

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

Syntax Description

flow	Enable/Disable analytics configuration
timeout	Define a Flow Timeout
time	Time in seconds (flush-cache-Only)

Command Mode

- /exec/configure

flow timeout

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

Syntax Description

flow	Enable/Disable NetFlow configuration
timeout	Define a Flow Timeout
time	Time in seconds (flush-cache-Only)

Command Mode

- /exec/configure

flow timeout

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

Syntax Description

flow	Enable/Disable analytics configuration
timeout	Define a Flow Timeout
time	Time in seconds (flush-cache-Only)

Command Mode

- /exec/configure/analytics

flowcontrol hardware

[no] flowcontrol hardware

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

no	Negate a command or set its defaults
flowcontrol	Configure interface flowcontrol
receive	Receive pause frames
rx_flowctrl	Receive flow control
send	Send pause frames
tx_flowctrl	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

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

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

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

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

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

Command Mode

- /exec/configure/router-eigrp

flush-routes

[no] flush-routes

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

follow

follow <name> | no follow

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

format

format <uri1>

Syntax Description

format	Format disks
uri1	destination filesystem path

Command Mode

- /exec

format bootflash

format bootflash:

Syntax Description

format	Format disks
bootflash:	Format bootflash:

Command Mode

- /exec

format bootflash check-filesystem

format bootflash: check-filesystem

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

format	Format disks
usb1:	Format usb1:

Command Mode

- /exec

forward

[no] forward

Syntax Description

no	(Optional) Negate a command or set its defaults
forward	Configure paths

Command Mode

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

fragments

[no] fragments <opt_type>

Syntax Description

no	(Optional) Negate a command or set its defaults
opt_type	frag_op_type

Command Mode

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

frequency

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

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

frequency milliseconds

frequency milliseconds <milliseconds>

Syntax Description

frequency	Frequency of an operation
milliseconds	Frequency will be taken as milliseconds
milliseconds	Frequency in milliseconds

Command Mode

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

frequency synchronization

[no] frequency synchronization

Syntax Description

no	(Optional) Negate a command or set its defaults
frequency	Frequency Synchronization Manager
synchronization	Frequency Synchronization Manager

Command Mode

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

frequency synchronization

[no] frequency synchronization

Syntax Description

no	(Optional) Negate a command or set its defaults
frequency	Frequency Synchronization Manager
synchronization	Frequency Synchronization Manager

Command Mode

- /exec/configure/clock-if

frequency synchronization

[no] frequency synchronization

Syntax Description

no	(Optional) Negate a command or set its defaults
frequency	Frequency Synchronization Manager
synchronization	Frequency Synchronization Manager

Command Mode

- /exec/configure/gnss-if

from to

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

Syntax Description

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

Command Mode

- /exec/configure/def-tmap

from to

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

Syntax Description

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

Command Mode

- /exec/configure/table-map

fspf

[no] fspf { cost <i0> vsan <i1> | dead-interval <i2> vsan1 <i3> | hello-interval <i4> vsan2 <i5> | passive vsan3 <i6> | retransmit-interval <i7> vsan4 <i8> }

Syntax Description

no	(Optional) Negate a command or set its defaults
cost	Configure FSPF link cost
i0	FSPF link cost
vsan	Enter VSAN
i1	VSAN id range
dead-interval	Configure FSPF dead interval
i2	dead interval (in sec)
vsan1	Enter VSAN
i3	VSAN id range
hello-interval	Configure FSPF hello-interval
i4	hello interval (in sec)
vsan2	Enter VSAN
i5	VSAN id range
passive	Enable/disable FSPF on the interface
vsan3	Enter VSAN
i6	VSAN id range
retransmit-interval	Configure FSPF retransmit interval
i7	retransmit interval (in sec)
vsan4	Enter VSAN
i8	VSAN id range

Command Mode

- /exec/configure/if-fc /exec/configure/if-san-port-channel /exec/configure/if-fcip /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-vfc

fspf config vsan

[no] fspf config vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
config	Enter the FSPF config mode
vsan	Enter VSAN
i0	VSAN id range

Command Mode

- /exec/configure

fspf enable vsan

[no] fspf enable vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
enable	Enable/disable FSPF
vsan	Enter VSAN
i0	VSAN id range

Command Mode

- /exec/configure

fsync clock-identity

fsync clock-identity <mac-address> | no fsync clock-identity

Syntax Description

fsync	Frequency Synchronization Manager
clock-identity	clock-identity
mac-address	Mac Address

Command Mode

- /exec/configure

fsync esmc peer receive timeout

fsync esmc peer receive timeout { 0 | <value> } | no fsync esmc peer receive timeout [[0 | <value>]]

Syntax Description

no	Negate a command or set its defaults
fsync	Frequency Synchronization Manager
esmc	Ethernet Synchronization Messaging Channel
peer	peer ESMC
receive	receive timer to be configured during upgrade
timeout	ESMC recv timeout value in secs
0	0 disables modify peer esmc recv timer
value	ESMC recv timeout in secs. Enter a value between 120 and 600

Command Mode

- /exec/configure

fsync quality itu-t option

[no] fsync quality itu-t option { 1 | 2 generation { 1 | 2 } }

Syntax Description

no	(Optional) Negate a command or set its defaults
fsync	Frequency Synchronization Manager
quality	ITU-T QL options
itu-t	ITU-T QL options
option	ITU-T QL options
1	ITU-T QL option 1 (default)
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
2	ITU-T QL option 2 generation 2

Command Mode

- /exec/configure

fsync transmit dnu lag-members

[no] fsync transmit dnu lag-members

Syntax Description

no	(Optional) Negate a command or set its defaults
fsync	Frequency Synchronization Manager
transmit	transmit
dnu	DNU QL type
lag-members	members of link aggregation or PO

Command Mode

- /exec/configure

fte event

[no] fte event <eventname>

Syntax Description

fte	Enable/Disable FTE configuration
event	Define a FTE event
eventname	Event name

Command Mode

- /exec/configure/config-fte

fte exporter

[no] fte exporter <exportername>

Syntax Description

fte	Enable/Disable Flow Table Events configuration
exporter	Define a events Exporter
exportername	Name of event Exporter

Command Mode

- /exec/configure/config-fte

fte monitor

[no] fte monitor <monitorname>

Syntax Description

fte	Enable/Disable FTE configuration
monitor	Define a FTE Monitor
monitorname	Name of FTE Monitor

Command Mode

- /exec/configure/config-fte

fte record

[no] fte record <recordname>

Syntax Description

fte	Enable/Disable FTE configuration
record	Define a FTE Record
recordname	Record name

Command Mode

- /exec/configure/config-fte

fte system monitor

[no] fte system monitor <monitorname>

Syntax Description

fte	change fte global settings
system	global config
monitor	fte Monitor to be applied
monitorname	fte Monitor to be applied

Command Mode

- /exec/configure/config-fte

ftrace

ftrace [{ set-opt { option <n0> <v0> | filter <f0> <v0> } { proc <p0> | buf_size <b0> } [<s0>] } | { reset { all | filter <f0> | trace | <s0> } } | { enable { inband | kernel | lcnd <i0> | process <i0> | trace } } | { list { filters <f0> | curr_tracer | all } } | { debug { on | off } } | { dump { all | traces } }]

Syntax Description

ftrace	Run ftrace tool to enable/disable kernel/process tracing
set-opt	(Optional) Set ftrace tracing options available
reset	(Optional) Reset ftrace options to defaults, disable tracing
enable	(Optional) Enable ftrace tracing with given options
list	(Optional) List ftrace available options/filters/events
debug	(Optional) Ftrace based debug trace enable/disable
dump	(Optional) Dump traces collected in ftrace circular buffer
all	(Optional) Act on all available datasets
lcnd	(Optional) Trace proc/pid specific lcnd inband driver calls
inband	(Optional) Trace inband driver + netstack functions
kernel	(Optional) Trace kernel function of sched, net, inband
process	(Optional) Trace proc/pid specific kernel function calls
trace	(Optional) Enable tracing_on in ftrace settings
option	(Optional) Name of ftrace option to be set
filter	(Optional) Set ftrace filter to be applied
proc	(Optional) Set ftrace process to be traced
buf_size	(Optional) Set ftrace buffer size limits
filters	(Optional) list available ftrace filters
curr_tracer	(Optional) Print ftrace current tracer
traces	(Optional) Dump ftrace trace buffer contents
on	(Optional) Enable ftrace based debug tracing
off	(Optional) Dump ftrace trace buffer contents
i0	(Optional) pid of process to trace
f0	(Optional) name of ftrace filter to list/set

n0	(Optional) name of ftrace option to be set
v0	(Optional) value of ftrace option/filter to be set
p0	(Optional) pid of ftrace proc to be set
b0	(Optional) value of ftrace buffer size limit to set
s0	(Optional) name of ftrace option to be set/reset

Command Mode

- /exec