F Show Commands

show fabricpath counters dropped

show fabricpath counters dropped [**module** *module*] [**__readonly__** *mod_bmp vdc_id msg is_brief*]

Syntax Description

show	Show running system information
fabricpath	fabricpath information
counters	Show fabricpath counters
dropped	Packets dropped due to various vlan errors
module	Specify one module
module	Type: integer Module number
__readonly__	Read Only
mod_bmp	Type: uinteger Bitmap of valid modules
vdc_id	Type: integer Current VDC id
msg	Type: string Message to give details about command execution
is_brief	Type: bool Show summary for all modules or show counter for each module instance

Command Modes

- /exec

show fabricpath load-balance

show fabricpath load-balance [**__readonly__** *is_mcast algo* [*pref*] *rotate_amount use_vlan xor_warn*]

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
__readonly__	Read Only
is_mcast	Type: uinteger Is mcast config
algo	Type: uinteger Hash type used
pref	Type: uinteger Layer preference
rotate_amount	Type: uinteger Rotate ammount
use_vlan	Type: uinteger Use VLAN in hash
xor_warn	Type: string XOR Warning

Command Modes

- /exec

showfabricpathload-balancemulticastftag-selectedflow-type

show fabricpath load-balance multicast ftag-selected flow-type {**l2** {**dst-mac** *dst-mac*| **src-mac** *src-mac*}+ **ether-type** *ether-type*| **l3** {**dst-ip** *dst-ip*| **src-ip** *src-ip*| **dst-ipv6** *dst-ipv6*| **src-ipv6** *src-ipv6*}+| **l4** {**l4-src-port** *l4-src-port*| **l4-dst-port** *l4-dst-port*}+ [**dst-ip** *dst-ip*| **src-ip** *src-ip*| **dst-ipv6** *dst-ipv6*| **src-ipv6** *src-ipv6*| **l4-src-port** *l4-src-port*| **l4-dst-port** *l4-dst-port*]+} **vlan** *vlan* **module** *mod-no* [**__readonly__** *cmd_string is_dce_module*]

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
multicast	Show FabricPath multicast load-balance infomation
ftag-selected	ftag information
module	Ingress module at Fabricpath edge
mod-no	Type: uinteger module number
flow-type	indicate flow type as L2 or L3 or L4
l4	indicate Layer 4 flow
l3	indicate Layer 3 flow
l2	indicate Layer 2 flow
dst-mac	Destination MAC Address
dst-mac	Type: ethernet Mac Address
src-mac	Source MAC Address
src-mac	Type: ethernet Mac Address
vlan	Virtual LAN
vlan	Type: uinteger VLAN id
ether-type	Ether Type

ether-type	Type: uinteger Ether Type id
dst-ip	Destination IPv4 address
dst-ip	Type: ipaddr Destination IP address in format i.i.i.i
src-ip	Source IPv4 address
src-ip	Type: ipaddr Source IP address in format i.i.i.i
dst-ipv6	Destination IPv6 address
dst-ipv6	Type: ipv6addr Destination IPv6 address in format i:i:i:i:i:i:i:i
src-ipv6	Source IPv6 address
src-ipv6	Type: ipv6addr Source IPv6 address in format i:i:i:i:i:i:i:i
l4-src-port	Source L4 port
l4-src-port	Type: integer min: 0 max: 65535 L4 port number
l4-dst-port	Destination l4 port
l4-dst-port	Type: integer min: 0 max: 65535 L4 port number
__readonly__	Read Only
cmd_string	Type: string Command String
is_dce_module	Type: bool Whether Module is DCE

Command Modes

- /exec

- /exec

show fabricpath load-balance unicast forwarding-path ftag switchid flow-type

show fabricpath load-balance unicast forwarding-path ftag *ftag* **switchid** *swid* **flow-type** {**l2** {**dst-mac** *dst-mac*| **src-mac** *src-mac*}+ **ether-type** *ether-type*| **l3** {**dst-ip** *dst-ip*| **src-ip** *src-ip*| **dst-ipv6** *dst-ipv6*| **src-ipv6** *src-ipv6*}+| **l4** {**l4-src-port** *l4-src-port*| **l4-dst-port** *l4-dst-port*}+ [**dst-ip** *dst-ip*| **src-ip** *src-ip*| **dst-ipv6** *dst-ipv6*| **src-ipv6** *src-ipv6*| **l4-src-port** *l4-src-port*| **l4-dst-port** *l4-dst-port*]+} [**vlan** *vlan*] **module** *mod-no* [**__readonly__** *cmd_string is_dce_module*]

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
unicast	Show FabricPath unicast load-balance information
forwarding-path	forwarding-path
module	Ingress module
mod-no	Type: uinteger module number
ftag	ftag
ftag	Type: uinteger min: 0 max: 1023 ftag
switchid	switchid
swid	Type: uinteger min: 0 max: 16383 switch id
flow-type	indicate flow type as L2 or L3 or L4
l4	indicate Layer 4 flow
l3	indicate Layer 3 flow
l2	indicate Layer 2 flow
src-mac	Source MAC Address

src-mac	Type: ethernet Mac Address
dst-mac	Destination MAC Address
dst-mac	Type: ethernet Mac Address
vlan	Virtual LAN
vlan	Type: uinteger VLAN id
ether-type	Ether Type
ether-type	Type: uinteger Ether Type id
src-ip	Source IPv4 address
src-ip	Type: ipaddr Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
dst-ip	Type: ipaddr Destination IP address in format i.i.i.i
src-ipv6	Source IPv6 address
src-ipv6	Type: ipv6addr Source IPv6 address in format i:i:i:i:i:i:i:i
dst-ipv6	Destination IPv6 address
dst-ipv6	Type: ipv6addr Destination IPv6 address in format i:i:i:i:i:i:i:i
l4-src-port	Source L4 port
l4-src-port	Type: integer min: 0 max: 65535 L4 port number
l4-dst-port	Destination l4 port

l4-dst-port	Type: integer min: 0 max: 65535 L4 port number
__readonly__	Read Only
cmd_string	Type: string Command String
is_dce_module	Type: bool Whether Module is DCE

Command Modes

- /exec
- /exec

show fabricpath topology

show fabricpath topology [detail] [passive] [**__readonly__ TABLE_tpg** *name id state* [*reason pend*]]

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
detail	Detailed information
passive	Detailed passive topology information
__readonly__	
TABLE_tpg	
name	Type: string
id	Type: uinteger
state	Type: string
reason	Type: string
pend	Type: bool

Command Modes

- /exec

show fabricpath topology interface

show fabricpath topology [*tpg-id*] **interface** [*interface*| **all**] [**__readonly__ TABLE_tpg_if** *if_name tpg_name tpg_id tpg_if_state*]

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
tpg-id	Type: integer min: 0 max: 63 Fabricpath Topology ID 0-63
interface	Display interface topology information
interface	Type: interface Display interface topology information
all	Display all DCE and non-DCE interfaces
__readonly__	
TABLE_tpg_if	
if_name	Type: string
tpg_name	Type: string
tpg_id	Type: uinteger
tpg_if_state	Type: string

Command Modes

- /exec

show fabricpath topology interface vlan

show fabricpath topology interface [*interface*| **all**] **vlan [active]** [**__readonly__ TABLE_if_vlan** *if_name tpg_name tpg_id vlan_range*]

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
interface	Display interface topology information
interface	Type: interface Display interface topology information
all	Display all DCE and non-DCE interfaces
vlan	Show vlans configured on the interface
active	Show active vlans
__readonly__	
TABLE_if_vlan	
if_name	Type: string
tpg_name	Type: string
tpg_id	Type: uinteger
vlan_range	Type: vlan-mrange

Command Modes

- /exec

show fabricpath topology vlan

show fabricpath topology [*tpg-id*] **vlan [active]** [**__readonly__ TABLE_tpg_vlan** *tpg_name tpg_id vlan_range*]

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
tpg-id	Type: integer min: 0 max: 63 Fabricpath Topology ID 0-63
vlan	VLANS in a L2 topology
active	Shows all active VLANs of the L2 topology
__readonly__	
TABLE_tpg_vlan	
tpg_name	Type: string
tpg_id	Type: uinteger
vlan_range	Type: vlan-mrange

Command Modes

- /exec

show feature

show feature [**__readonly__** [**TABLE_cfcFeatureCtrlTable** *cfcFeatureCtrlName2* *cfcFeatureCtrlInstanceNum2* *cfcFeatureCtrlOpStatus2*]]

Syntax Description

show	Show running system information
feature	Show feature status
__readonly__	
TABLE_cfcFeatureCtrlTable	feature table
cfcFeatureCtrlName2	Type: string feature
cfcFeatureCtrlInstanceNum2	Type: integer instance number
cfcFeatureCtrlOpStatus2	Type: string operation status

Command Modes

- /exec

show feature-set

show feature-set [*name*| *id*] [**__readonly__ TABLE-cfcFeatureSetTable** *name-out id-out cfcFeatureSetName cfcFeatureSetAction cfcFeatureSetLastAction cfcFeatureSetLastActionResult cfcFeatureSetLastFailureReason cfcFeatureSetOpStatus cfcFeatureSetOpStatusReason*]

Syntax Description

show	Show running system information
feature-set	Show feature set status
name	Type: string feature-set name
name-out	Type: string feature-set name
id	Type: integer feature-set id
__readonly__	
TABLE-cfcFeatureSetTable	feature-set table
id-out	Type: integer feature-set table index
cfcFeatureSetName	Type: string feature-set name
cfcFeatureSetAction	Type: integer action
cfcFeatureSetLastAction	Type: integer last action
cfcFeatureSetLastActionResult	Type: integer last action result
cfcFeatureSetLastFailureReason	Type: string last failure reason

cfcFeatureSetOpStatus	operation status **unknown value: 1** **enabled value: 2** **disabled value: 3** **installed value: 4** **uninstalled value: 5**
cfcFeatureSetOpStatusReason	Type: string operation status

Command Modes

- /exec

show feature-set services

show feature-set services *s0* [**__readonly__ TABLE_services** *service_name count feature_set*]

Syntax Description

show	Show running system information
feature-set	Show feature set status
services	Show services in feature set
__readonly__	
TABLE_services	all service names in feature set
service_name	Type: string name of the service
count	Type: integer number of services in the feature set
feature_set	Type: string feature set name
s0	Type: string Name of feature set

Command Modes

- /exec

show fex (satmgr)

show fex *chas_no* [**detail| ports| event-history**] [**__readonly__ TABLE_fex_info** *chas_id descr fex_state fex_ver sw_ver fex_interim_ver sw_interim_ver model serial part_no card_id mac num_macs bay rack enclosure enclosure_ser rack_id fex_sw_gen sw_sw_gen pin_mode max_link post_level fbr_port_control* **TABLE_fbr_state** *fbr_index fbr_oper_state fsm_state* **TABLE_fex_port** *fex_port fex_port_oper_state fbr_port primary_fabric* **TABLE_logs** *log*]

Syntax Description

show	Show running system information
fex	Show FEX information
chas_no	Type: uinteger min: 101 max: 199 FEX number
detail	Detailed information
ports	all FEX port information
event-history	FEX event history
__readonly__	
TABLE_fex_info	FEX information
chas_id	Type: uinteger Configured FEX number
descr	Type: string Description
fex_state	Type: string FEX State
fex_ver	Type: string FEX version
sw_ver	Type: string Switch version
fex_interim_ver	Type: string FEX interim version

sw_interim_ver	Type: string Switch interim version
model	Type: string FEX model
serial	Type: string FEX serial
part_no	Type: string Part number
card_id	Type: uinteger Card id
mac	Type: string Mac address
num_macs	Type: uinteger Number of macs
bay	Type: uinteger Bay Number
rack	Type: string Rack Name
enclosure	Type: string Enclosure Name
enclosure_ser	Type: string Enclosure serial
rack_id	Type: string Rack id
fex_sw_gen	Type: uinteger Fex software gen
sw_sw_gen	Type: uinteger Switch software gen
pin_mode	Type: string Pinning mode

max_link	Type: uinteger Maximum links
post_level	Type: string Post level
fbr_port_control	Type: string Fabric port for control traffic
TABLE_fbr_state	Fabric port state
fbr_index	Type: string Fabric port interface
fbr_oper_state	Type: string Fabric port operational state
fsm_state	Type: string Fabric FSM state
TABLE_fex_port	FEX port
fex_port	Type: string FEX port
fex_port_oper_state	Type: string Operational state
fbr_port	Type: string Fabric port
primary_fabric	Type: string Primary fabric port
TABLE_logs	FEX logs
log	Type: string FEX log

Command Modes

- /exec

show fex (satmgr)

show fex [**__readonly__ TABLE_fex** *fex_number chas_vendor fex_model chas_ser mod_model fex_ser module_no mod_partno fex_descr fex_state*]

Syntax Description

show	Show running system information
fex	Show FEX information
__readonly__	
TABLE_fex	Fex table
fex_number	Type: string Configured FEX number
chas_vendor	Type: string Chassis Vendor
fex_model	Type: string Fex Model
chas_ser	Type: string Chassis Serial number
mod_model	Type: string IO Module model
fex_ser	Type: string IO Module serial
module_no	Type: uinteger Module number
mod_partno	Type: string Module Part Number
fex_descr	Type: string FEX description

fex_state

Module State

Unknown value: 0

fex in state unknown

Init value: 3

fex in state init

Discovered value: 4

fex in state discovered

Connected value: 5

fex in state connected

Registration value: 6

fex in state registration

Registered value: 7

fex in state registered

Ready value: 8

fex in state ready

Online_sequence value: 9

fex in state online sequence

Online value: 10

fex in state online

Offline_request value: 11

fex in state offline request

Offline_sequence value: 12

fex in state offline sequence

Offline value: 13

fex in state offline

Image_Download value: 14

fex in state image download

Failed value: 15

fex in state failed

Removed value: 16

fex in state removed

Hl_Upgrade_seq value: 17

fex in state hitless upgrade seq

Chk_Upg_Rdy_seq value: 18

fex in state check upgrade ready seq

Save_States value: 19

fex in state save states

Hl_Upg_Idle value: 20

fex in state hitless upgrade idle

Chk_Insert_seq value: 21

fex in state check insert seq

Hl_Upg_fail value: 22

fex in state hitless upgrade fail

AA_Upg_Ready value: 23

fex in state aa upgrade ready

AA_Upg_Idle value: 24

fex in state aa upgrade idle

AA_Upg_Over value: 25

fex in state aa upgrade over

AA_Upg_Fail value: 26

fex in state aa upgrade fail

AA_Version_Mismatch value: 27

fex in state aa version mismatch

Fex_Type_Mismatch value: 28

fex is state Fex Type Mismatch

Command Modes

- /exec

show fex detail

show fex detail [**__readonly__ TABLE_fex_info** *chas_id descr fex_state fex_ver sw_ver fex_interim_ver sw_interim_ver model serial part_no card_id mac num_macs bay rack enclosure enclosure_ser rack_id fex_sw_gen sw_sw_gen pin_mode max_link post_level fbr_port_control* **TABLE_fbr_state** *fbr_index fbr_oper_state fsm_state* **TABLE_fex_port** *fex_port fex_port_oper_state fbr_port primary_fabric* **TABLE_logs** *log*]

Syntax Description

show	Show running system information
fex	Show FEX information
detail	Detailed information
__readonly__	
TABLE_fex_info	FEX information
chas_id	Type: uinteger Configured FEX number
descr	Type: string Description
fex_state	Type: string FEX State
fex_ver	Type: string FEX version
sw_ver	Type: string Switch version
fex_interim_ver	Type: string FEX interim version
sw_interim_ver	Type: string Switch interim version
model	Type: string FEX model
serial	Type: string FEX serial

part_no	Type: string Part number
card_id	Type: uinteger Card id
mac	Type: string Mac address
num_macs	Type: uinteger Number of macs
bay	Type: uinteger Bay Number
rack	Type: string Rack Name
enclosure	Type: string Enclosure Name
enclosure_ser	Type: string Enclosure serial
rack_id	Type: string Rack id
fex_sw_gen	Type: uinteger Fex software gen
sw_sw_gen	Type: uinteger Switch software gen
pin_mode	Type: string Pinning mode
max_link	Type: uinteger Maximum links
post_level	Type: string Post level
fbr_port_control	Type: string Fabric port for control traffic

TABLE_fbr_state	Fabric port state
fbr_index	Type: string Fabric port interface
fbr_oper_state	Type: string Fabric port operational state
fsm_state	Type: string Fabric FSM state
TABLE_fex_port	FEX port
fex_port	Type: string FEX port
fex_port_oper_state	Type: string Operational state
fbr_port	Type: string Fabric port
primary_fabric	Type: string Primary fabric port
TABLE_logs	FEX logs
log	Type: string FEX log

Command Modes

- /exec

show fex transceiver

show fex *chas_no* **transceiver** [**calibration**| **detail**]

Syntax Description

show	Show running system information
fex	Show FEX information
chas_no	Type: uinteger min: 101 max: 199 FEX number
transceiver	Show FEX
calibration	Show FEX transceiver calibration information
detail	show FEX transceiver detail information

Command Modes

- /exec

show fex version

show fex *i* **version**

Syntax Description

show	Show running system information
version	Show the software version
fex	Show fex software version
i	Type: uinteger min: 101 max: 199 FEX number

Command Modes

- /exec

show file

show file *uri0* [**cksum**| **md5sum**] [**__readonly__** [*file_content*]+ [*file_content_cksum*] [*file_content_md5sum*]]

Syntax Description

show	Show running system information
file	Displays content of files
uri0	Type: uri Filename to be displayed
cksum	Displays CRC checksum for a file
md5sum	Displays MD5 checksum for a file
__readonly__	Read only
file_content	Type: string uri file content buffer string
file_content_cksum	Type: string uri file content checksum
file_content_md5sum	Type: string uri file content md5sum

Command Modes

- /exec

show fips status

show fips status [**__readonly__ operation_status** *o_status*]

Syntax Description

show	Show running system information
fips	Show if FIPS mode is enabled or disabled *Not available in this release.*
status	Whether FIPS mode is enabled or disabled
__readonly__	
operation_status	run-time information about fips
o_status	operational status of fips **disabled value: 0** **enabled value: 1**

Command Modes

- /exec

show forwarding

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *table_id*] [**ip**| **ipv4**] {**route**| **rnhdb**} **[recursive]** [**summary**| **detail**| **platform**| *prefix* **[longer-prefixes]** [**detail**| **platform**]| *address* [**detail**| **platform**]| **interface** *interface* [**detail**| **platform**]| **next-hop** *nh* [**detail**| **platform**]| **attached**| **unresolved**| **adjacency** {*aif anh*| **drop**| **glean**| **punt**}] [**max-display-count** *display_count*] [**module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+ [**__readonly__ TABLE_vrf** *vrf_name_out table_name prefix_count* **TABLE_prefix** *ip_prefix* **TABLE_path** [*ip_nexthop*| *special*] *ifname route_count path_count mask_length routes_per_mask packet_cnt byte_cnt dmac src_rloc dst_rloc lisp_header*]

Syntax Description

show	
forwarding	display fib information
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
table	display info per vpn-id
table_id	Type: hex table id in hex
ip	ipv4
ipv4	ipv4
route	display IP routing table
rnhdb	rnh-db
recursive	display routes with recursive next hops
summary	display route counts

prefix	Type: ipprefix display single exact match route
longer-prefixes	display longer prefixes
address	Type: ipaddr display single longest match route
interface	display routes with this output i/f only
interface	Type: interface output interface
next-hop	display routes with this next-hop only
nh	Type: ipaddr next hop address
attached	display directly connected routes
unresolved	display unresolved routes
adjacency	display routes via specified adjacency
aif	Type: interface adjacency output interface
anh	Type: ipaddr adjacency next-hop address
drop	display routes via drop adjacency
glean	display routes via glean adjacency
punt	display routes via punt adjacency
detail	show detailed information about the routes
platform	one command to show pi and pd info together
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
max-display-count	displays max # of routes
display_count	Type: integer count

__readonly__	
TABLE_vrf	vrf table
vrf_name_out	Type: string VRF name
table_name	Type: string table name
prefix_count	Type: integer total number of prefix in VRF
TABLE_prefix	all xml prefix entries
ip_prefix	Type: ipprefix ipv4 prefix
TABLE_path	path table
ip_nexthop	Type: ipaddr next hop address
special	special adjacencies **Attached value: 1** **Receive value: 2** **Drop value: 3**
ifname	Type: interface output interface
route_count	Type: integer total number of routes in VRF
path_count	Type: integer total number of paths in VRF
mask_length	Type: integer length of mask
routes_per_mask	Type: integer
packet_cnt	Type: integer Packet count

byte_cnt	Type: integer Byte count
dmac	Type: ethernet Destination MAC address
src_rloc	Type: ipaddr LISP Source RLOC
dst_rloc	Type: ipaddr LISP Dest RLOC
lisp_header	Type: string LISP header string

Command Modes

- /exec

show forwarding adjacency

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}] [**ip**| **ipv4**] **adjacency [mpls] [lisp]** [*aif*] [*anh*] [**detail**| **stats**| **platform**] [**module** *module*] [**__readonly__** *adj-count nexthop rewinfo interface bgp_rnh bgp_orig_as bgp_peer_as pkts bytes exp src_addr dest_addr lisp_flags lisp_inst_id pltfm_key refcount*]

Syntax Description

show	
forwarding	display fib information
ip	ipv4
ipv4	ipv4
adjacency	display adjacency information
platform	one command to show pi and pd info together
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
mpls	mpls adjacency information
lisp	LISP adjacency information
aif	Type: interface adjacency output interface
anh	Type: ipaddr adjacency next hop
detail	detail
stats	adjacency statistics

module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
adj-count	Type: integer total adj count
nexthop	Type: ipaddr next hop address
rewinfo	Type: string rewrite information
interface	Type: interface output interface
bgp_rnh	Type: string next hop address
bgp_orig_as	Type: integer bgp orig as
bgp_peer_as	Type: integer bgp peer as
exp	Type: integer exp mapping
pkts	Type: longlong packet stats
bytes	Type: longlong bytes stats
src_addr	Type: ipaddr src address
dest_addr	Type: ipaddr dest address
lisp_flags	Type: integer lisp flags

lisp_inst_id	Type: integer lisp instance id
pltfm_key	Type: integer platform key
refcount	Type: integer reference count

Command Modes

- /exec

show forwarding bypass-hardware

show forwarding bypass-hardware [**module** *module*]

Syntax Description

show	
forwarding	fib information
bypass-hardware	bypass hardware
module	slot
module	Type: integer slot number

Command Modes

- /exec

show forwarding capture

show forwarding capture [**module** *module*] [**__readonly__** *type len data*]

Syntax Description

show	
forwarding	display fib information
capture	display capture buffer
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
type	Type: integer type
len	Type: integer length
data	Type: string raw data

Command Modes

- /exec

show forwarding distribution

show forwarding distribution {**pauz**| **rezum**}

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
pauz	start black-holing routes
rezum	stop black-holing routes

Command Modes

- /exec

show forwarding distribution capture

show forwarding distribution capture [**__readonly__** *type len data*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
capture	unicast capture buffer
__readonly__	
type	Type: integer type
len	Type: integer length
data	Type: string raw data

Command Modes

- /exec

show forwarding distribution clients

show forwarding distribution clients [**__readonly__** *id pid name shms shme shmn*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
clients	unicast client information
__readonly__	
id	Type: integer client identifier
pid	Type: integer client pid
name	Type: string client name
shms	Type: hex shmem start
shme	Type: hex shmem end
shmn	Type: string shmem name

Command Modes

- /exec

show forwarding distribution fib-state

show forwarding distribution fib-state [**__readonly__** *slot state ttc tprc tv4ac tv6ac* **TABLE_fib_state** *tid tafi prc pc tname*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
fib-state	unicast fib state info
__readonly__	
slot	Type: integer slot number
state	Type: string fib state
ttc	Type: integer total table count
tprc	Type: integer total prefix count
tv4ac	Type: integer total v4 adj count
tv6ac	Type: integer total v6 adj count
TABLE_fib_state	fib-state table
tid	Type: hex table identifier
tafi	Type: string table afi
prc	Type: integer table prefix count

pc	Type: integer table path count
tname	Type: string table name

Command Modes

- /exec

show forwarding distribution ip igmp snooping

show forwarding distribution ip igmp snooping [**vlan** *vlan-id* [**group** [*grpaddr*| *mac-grpaddr*] [**source** *srcaddr*]]] **[detail]** [**__readonly__** *refcount oiflist_id last_oiflist_id ftag-id*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
ip	IPV4 information
igmp	MFDM IGMP information
snooping	L2 mcast snooping related information
vlan	Info specific to a vlan
vlan-id	Type: vlan Vlan id value
group	Group specific information
grpaddr	Type: ipaddr Group address
mac-grpaddr	Type: ethernet Group MAC address
source	(G,S) specific information
srcaddr	Type: ipaddr Source address
detail	Detailed display
__readonly__	
refcount	Type: integer Reference Count
oiflist_id	Type: integer OIF list Identifier

last_oiflist_id	Type: integer Last OIF list Identifier
ftag-id	Type: integer ftag Id

Command Modes

- /exec

show forwarding distribution ipv6 multicast route

show forwarding distribution ipv6 multicast route [**table** *table_id*| **vrf** *vrf-name*] [*group* [*source*]| **summary**] [**__readonly__** *table_type num_routes num_starg_routes num_sg_routes num_gprefix_routes num_groups num_sources src_len grp_len df_ordinal rpfif address flag route_pkts route_bytes mti_src_if mti_grp_ip mti_src_ip*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	display fib distribution information
ipv6	IPV6 related information
multicast	display IPv6 multicast information
route	display routing table
vrf	display routes for a specific VRF
vrf-name	Type: string VRF name
table	table
table_id	Type: hex table number
group	Type: ipv6prefix Multicast IPv6 Group Address
source	Type: ipv6prefix Multicast IPv6 Source Address
summary	display route counts
__readonly__	
table_type	Type: string Table Type
num_routes	Type: integer Number of routes

num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes
num_groups	Type: integer Number of group entries in the table
num_sources	Type: integer Number of (S, G) entries for the group address
address	Type: string Ipv6 address string
src_len	Type: integer Source Address Mask
grp_len	Type: integer Group address Mask
df_ordinal	Type: string DF ordinal
rpfif	Type: string RPF interface
flag	Type: string Route type flag
route_pkts	Type: longlong Route packet count
route_bytes	Type: longlong Route bytes
mti_src_if	Type: hex MTI Source Ifindex
mti_grp_ip	Type: ipaddr MTI Group IP Address

mti_src_ip	Type: ipaddr MTI Source IP Address

Command Modes

- /exec

show forwarding distribution l2 multicast

show forwarding distribution l2 multicast [**ip-based**| **mac-based**] [**vlan** *vlan-id* [**group** *grpaddr* [**source** *srcaddr*]| **destination-mac** *dmac*]] **[summary]** [**__readonly__** *refcount oiflist_id last_oiflist_id ftag-id src_str grp_str vlan num_routes num_starg_routes num_sg_routes num_gprefix_routes*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
l2	L2 information
multicast	L2 multicast information
ip-based	IPv4 based
mac-based	MAC based
vlan	Info specific to a vlan
vlan-id	Type: vlan Vlan id value
group	Group specific information
grpaddr	Type: ipaddr Group address
source	(G,S) specific information
srcaddr	Type: ipaddr Source address
destination-mac	Destination MAC specific information
dmac	Type: ethernet Destination MAC address
summary	display route counts
__readonly__	
refcount	Type: integer Reference Count

oiflist_id	Type: integer OIF list Identifier
last_oiflist_id	Type: integer Last OIF list Identifier
ftag-id	Type: integer ftag Id
src_str	Type: string Source
grp_str	Type: string Group
vlan	Type: integer vlan_id
num_routes	Type: integer Number of routes
num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes

Command Modes

- /exec

show forwarding distribution lisp counters

show forwarding distribution lisp counters [**__readonly__** *count*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
lisp	for lisp application
counters	counters
__readonly__	
count	Type: integer count

Command Modes

- /exec

show forwarding distribution lisp vrf enabled

show forwarding distribution lisp vrf enabled [**__readonly__ TABLE_lisp_vrf_enabled** *vrf lisp_enabled req_id operation*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
lisp	for lisp application
vrf	vrf
enabled	enabled
__readonly__	
TABLE_lisp_vrf_enabled	
vrf	Type: integer vrf key
lisp_enabled	Type: string lisp enabled status
req_id	Type: integer req id
operation	Type: string operation

Command Modes

- /exec

show forwarding distribution logging

show forwarding distribution logging [**enable**| **disable**]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
logging	enable/disable file logging
enable	start file logging
disable	stop file logging

Command Modes

- /exec

show forwarding distribution multicast (mfdm)

show forwarding distribution multicast [messages] [**__readonly__** *fibstate slot accepting_routes num_accepting_routes*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast FIB distribution information
messages	Outstanding Message Information
__readonly__	
fibstate	Type: string IP Multicast FIB process state
slot	Type: integer Slot
accepting_routes	Type: string Indicates whether FIB is accepting routes
num_accepting_routes	Type: integer Number of fibs accepting routes

Command Modes

- /exec

show forwarding distribution multicast (mfdm)

show forwarding distribution multicast {**mfib-txlist** [**vrf** *vrf-name*]| **mfib-buffers**}

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
mfib-txlist	Show MFIB transmission-list information
vrf	Specify VRF
vrf-name	Type: string Specify VRF name
mfib-buffers	Show MFIB route buffer information

Command Modes

- /exec

show forwarding distribution multicast client-ack-db

show forwarding distribution multicast client-ack-db [**__readonly__** *xid num_recepients num_responses*]

Syntax Description

show	show
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast
client-ack-db	Displays the client ack db
__readonly__	
xid	Type: integer XID
num_recepients	Type: integer Number of recepients
num_responses	Type: integer Number of responses

Command Modes

- /exec

show forwarding distribution multicast client

show forwarding distribution multicast client [**__readonly__** *num-clients client-name client-id shmem-name*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
client	Show multicast distribution client information
__readonly__	
num-clients	Type: integer Number of Clients registered
client-name	Type: string Client Name
client-id	Type: integer Client-id
shmem-name	Type: string Shared Memory Segment Name

Command Modes

- /exec

show forwarding distribution multicast outgoing-interface-list

show forwarding distribution multicast outgoing-interface-list {**L2**| **L3**| **OTV**} [*index*] [**__readonly__** *platform_index ref_count num_oif oif*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast FIB distribution information
outgoing-interface-list	Outgoing interface list
L2	Layer 2 oiflist
L3	Layer 3 oiflist
OTV	OTV oiflist
index	Type: integer min: 1 max: 65535 Outgoing Interface List index
__readonly__	
platform_index	Type: hex Platform index
ref_count	Type: integer Reference count
num_oif	Type: integer Number of outgoing interfaces
oif	Type: string OIF name
next_hop	Type: string Next hops
vlan_id	Type: integer Vlan ID

Command Modes

- /exec

show forwarding distribution multicast resp-ack-timer-msgs

show forwarding distribution multicast resp-ack-timer-msgs

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
resp-ack-timer-msgs	show response ack timers for MFDM

Command Modes

- /exec

show forwarding distribution multicast route

show forwarding distribution [ip] multicast route [**table** *id*| **vrf** {*vrf_name*| **all**}] [[**group** {*gaddr* [*mask*]| *gprefix*}] [**source** {*saddr* [*smask*]| *sprefix*}]| **summary**] [**__readonly__** *table_name num_routes num_starg_routes num_sg_routes num_gprefix_routes src_len grp_len df_ordinal rpfif rpf_ifname flag flag_value num_groups num_sources refcount oiflist_id oif_count oif_name oif_ifindex bytecnt pktcnt mti_src_if mti_grp_ip mti_src_ip*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
ip	IPV4 information
multicast	Multicast information
vrf	Specify VRF
vrf_name	Type: string Specify VRF name
all	Display information for all VRFs
table	Specify Multicast Routing Table
id	Type: integer Multicast Routing Table Identifier
group	IPv4 Multicast Group specific
gaddr	Type: ipaddr IPv4 Multicast Group Address
mask	Type: ipaddr mask for group ip address
gprefix	Type: ipprefix IPv4 Multicast Group Prefix
source	IPv4 Multicast Source specific
saddr	Type: ipaddr IPv4 Source Address

smask	Type: ipaddr mask for group ip address
sprefix	Type: ipprefix IPv4 Multicast Source Prefix
summary	display route counts
__readonly__	
table_name	Type: string Table name
num_routes	Type: integer Number of routes
num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes
src_len	Type: integer Source Address Mask
grp_len	Type: integer Group address Mask
df_ordinal	Type: integer DF ordinal
rpfif	Type: string RPF interface
rpf_ifname	Type: string RPF Interface ifName
flag	Type: string Route type flag
flag_value	Type: hex hex value of route flag

num_groups	Type: integer Number of group entries in the table
num_sources	Type: integer Number of (S, G) entries for the group address
refcount	Type: integer Reference Count
oiflist_id	Type: integer OIF list Identifier
oif_count	Type: integer Number of OIFs
oif_name	Type: string OIF Name
oif_ifindex	Type: hex OIF ifIndex
bytecnt	Type: longlong Current Byte counter
pktcnt	Type: longlong Current Packet counter
mti_src_if	Type: hex MTI Source Ifindex
mti_grp_ip	Type: ipaddr MTI Group IP Address
mti_src_ip	Type: ipaddr MTI Source IP Address

Command Modes

- /exec

show forwarding distribution otv multicast route

show forwarding distribution otv multicast route [**vlan** *vlan-id*] [**__readonly__** *refcount oiflist_id src_ip grp_ip address grp_length external_intf ds dg if_index*]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
otv	OTV information
multicast	Multicast information
route	Multicast route information
vlan	Info specific to a vlan
vlan-id	Type: vlan Vlan id value
__readonly__	
refcount	Type: integer Reference Count
oiflist_id	Type: integer OIF list Identifier
src_ip	Type: ipaddr Source IP
grp_ip	Type: ipaddr Group IP
address	Type: string IPv6 address string
grp_length	Type: integer Group length
external_intf	Type: string External interface

ds	Type: ipaddr Delivery source IP
dg	Type: ipaddr Delivery group IP
if_index	Type: string Interface Index

Command Modes

- /exec

show forwarding distribution peer-id

show forwarding distribution peer-id [**vpls**| **otv**] [**__readonly__** *str*]

Syntax Description

show	Show running system information
forwarding	forwarding information
distribution	fib distribution info
peer-id	HW Peer-id allocation info
vpls	VPLS
otv	OTV
__readonly__	
str	Type: string

Command Modes

- /exec

show forwarding distribution trace

show forwarding distribution trace

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
trace	unicast trace information

Command Modes

- /exec

show forwarding ecmp

show forwarding ecmp [[**vrf** {*vrf-name*| *vrf-known-name*}] **lisp**] **[platform]** [**module** *module*] [**__readonly__** *header ecmp_hash intf nh v6nh hw_index num_mpls holder refcount num_paths sw_ptr*]

Syntax Description

show	
forwarding	Display fib information
ecmp	Show information about ECMPs
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
lisp	Show information about LISP ECMPs
platform	one command to show pi and pd info together
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
header	Type: string o/p header
ecmp_hash	Type: hex ecmp hash
intf	Type: interface interface
nh	Type: ipaddr next hop

v6nh	Type: string V6 next hop
hw_index	Type: hex Hw index
num_mpls	Type: integer No of MPLS ecmp
holder	Type: hex holder bitmap
refcount	Type: integer refcount
sw_ptr	Type: hex Software pointer
num_paths	Type: integer No of paths

Command Modes

- /exec

show forwarding ecmp recursive

show forwarding ecmp recursive [platform] [**max-display-count** *display_count*] [**module** *module*] [**__readonly__** *header num_pfxs rnh_table_id nh rnh_len v6nh hw_instance nh_vpn_label cnh_intf*]

Syntax Description

show	
forwarding	Display fib information
ecmp	Show information about ECMPs
recursive	Show information about recursive ECMPs
platform	one command to show pi and pd info together
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
max-display-count	displays max # of routes
display_count	Type: integer count
__readonly__	
header	Type: string o/p header
num_pfxs	Type: integer Number of prefixes using this virtual object
rnh_table_id	Type: hex The table id where the RNHs are present
nh	Type: ipaddr Next hop info
rnh_len	Type: integer Next hop mask length
v6nh	Type: string V6 Next hop info

hw_instance	Type: integer Hardware instance info
nh_vpn_label	Type: integer NH VPN label
cnh_intf	Type: interface cnh output interface

Command Modes

- /exec

show forwarding file-log disable

show forwarding file-log disable

Syntax Description

show	show
forwarding	forwarding
file-log	logging to tmp file
disable	disable

Command Modes

- /exec

show forwarding file-log enable

show forwarding file-log enable

Syntax Description

show	show
forwarding	forwarding
file-log	logging to tmp file
enable	enable

Command Modes

- /exec

show forwarding interfaces

show forwarding interfaces [**module** *module*] [**__readonly__** *intf v4adjcnt v6adjcnt rpfmode mac*]

Syntax Description

show	
forwarding	fib information
interfaces	show fib interface info
__readonly__	
intf	Type: interface interface name
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
v4adjcnt	Type: integer count of v4 adjacencies
v6adjcnt	Type: integer count of v6 adjacencies
mac	Type: string mac address
rpfmode	uRPF mode **none value: 1** **loose(def) value: 2** **loose value: 3** **strict value: 4**

Command Modes

- /exec

show forwarding ipv6

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *table_id*] **ipv6** {**route**| **rnhdb**} **[recursive]** [**detail**| **summary**| **platform**| *prefix* **[longer-prefixes]** [**detail**| **platform**]| *address* [**detail**| **platform**]| **interface** *interface*| **next-hop** *nh*| **attached**| **unresolved**| **adjacency** {*aif anh*| **drop**| **glean**| **punt**}] [**max-display-count** *display_count*] [**module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+ [**__readonly__** *header vrfname tblname prefix-count pfx* {*nexthop*| *special*} *intf route-count path-count mask-length routes-per-mask*]

Syntax Description

show	
forwarding	display fib information
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
table	display info per vpn-id
table_id	Type: hex table id in hex
ipv6	ipv6
route	display IP routing table
platform	one command to show pi and pd info together
rnhdb	rnhdb
recursive	display routes with recursive next hops
detail	show detailed information about the routes
summary	display route counts

prefix	Type: ipv6prefix display single exact match route
longer-prefixes	display longer prefixes
address	Type: ipv6addr display single longest match route
interface	display routes with this output i/f only
interface	Type: interface output interface
next-hop	display routes with this next-hop only
nh	Type: ipv6addr next hop address
attached	display directly connected routes
unresolved	display unresolved routes
adjacency	display routes via specified adjacency
aif	Type: interface adjacency output interface
anh	Type: ipv6addr adjacency next-hop address
drop	display routes via drop adjacency
glean	display routes via glean adjacency
punt	display routes via punt adjacency
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
max-display-count	displays max # of routes
display_count	Type: integer count
__readonly__	

header	Type: string header string
vrfname	Type: string VRF name
tblname	Type: string table name
prefix-count	Type: integer total number of prefix in VRF
pfx	Type: ipv6prefix ipv6 prefix
nexthop	Type: ipv6addr next hop address
special	special adjacencies **Attached value: 1** **Receive value: 2** **Drop value: 3**
intf	Type: interface output interface
route-count	Type: integer total number of routes in VRF
path-count	Type: integer total number of paths in VRF
mask-length	Type: integer length of mask
routes-per-mask	Type: integer

Command Modes

- /exec

show forwarding ipv6 adjacency

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}] **ipv6 adjacency [mpls]** [*aif*] [*anh*] [**detail**| **stats**| **platform**] [**module** *module*] [**__readonly__** *adj-count nexthop rewinfo interface bgp_rnh bgp_orig_as bgp_peer_as*]

Syntax Description

show	
forwarding	display fib information
ipv6	ipv6
adjacency	display adjacency information
platform	one command to show pi and pd info together
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
mpls	mpls adjacency information
aif	Type: interface adjacency output interface
anh	Type: ipv6addr adjacency next hop
detail	detail
stats	adjacency statistics
module	slot *Available only in the 9500 series.*

module	Type: integer slot number
__readonly__	
adj-count	Type: integer total adj count
nexthop	Type: ipv6addr next hop address
rewinfo	Type: string rewrite information
interface	Type: interface output interface
bgp_rnh	Type: string next hop address
bgp_orig_as	Type: integer bgp orig as
bgp_peer_as	Type: integer bgp peer as

Command Modes

- /exec

show forwarding ipv6 multicast route

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *tab_id*] **ipv6 multicast route** {[**group** {*group*| *group_addr*}| **source** {*source*| *source_addr*}| **module** *module*| **vrf** {*vrf-name*| **all**}]+| **summary** [**module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+} [**__readonly__** *table_type num_routes num_starg_routes num_sg_routes num_gprefix_routes num_prefix_insert_fail num_groups num_sources src_len grp_len df_ordinal rpfif address flag route_pkts route_bytes*]

Syntax Description

show	
forwarding	display fib information
ipv6	ipv6
multicast	IPV6 related Multicast information
route	Multicast route information
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
table	display info per vpn-id
tab_id	Type: hex table number
group	Multicast IPv6 Group Address
group	Type: ipv6prefix Multicast IPv6 Group Address with prefix
group_addr	Type: ipv6addr Multicast IPv6 Group Address

source	Multicast IPv6 Source Address
source	Type: ipv6prefix Multicast IPv6 Source Address with prefix
source_addr	Type: ipv6addr Multicast IPv6 Source Address
summary	display route counts
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
table_type	Type: string Table Type
num_routes	Type: integer Number of routes
num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes
num_prefix_insert_fail	Type: integer Prefix insert fail count
num_groups	Type: integer Number of group entries in the table
num_sources	Type: integer Number of (S, G) entries for the group address
address	Type: string Ipv6 address string
src_len	Type: integer Source Address Mask

grp_len	Type: integer Group address Mask
df_ordinal	Type: string DF ordinal
rpfif	Type: string RPF interface
flag	Type: string Route type flag
route_pkts	Type: longlong Route packet count
route_bytes	Type: longlong Route bytes

Command Modes

- /exec

show forwarding ipv6 pss route

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*}| **table** *table_id*] **ipv6 pss route** [**module** *module*]

Syntax Description

show	show
forwarding	forwarding
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
table	display info per vpn-id
table_id	Type: integer table number
ipv6	ipv6
pss	display info from pss
route	route
module	slot *Available only in the 9500 series.*
module	Type: integer slot number

Command Modes

- /exec

show forwarding l2 multicast

show forwarding l2 multicast [**vlan** *vlan-id* [**group** *grpaddr* **source** *srcaddr*| **destination-mac** *dstmac*]] [**vdc** *vdc-id*] [**module** *num*] [**__readonly__** *epoch resource_id dest_index hw_handle dmac text value*]

Syntax Description

show	Show running system information
forwarding	Forwarding information
l2	L2 related information
multicast	Multicast related information
vlan	Information Specific to a Vlan
vlan-id	Type: vlan Vlan id value
group	(S,G) specific information
grpaddr	Type: ipaddr Group address
source	source specific information
srcaddr	Type: ipaddr Source address
destination-mac	Destination MAC address
dstmac	Type: ethernet Ethernet MAC address
vdc	VDC
vdc-id	Type: integer min: 1 max: 16 VDC id
module	Slot
num	Type: integer Slot number
__readonly__	

resource_id	Type: integer Resource Identifier
dest_index	Type: hex Destination Index Identifier
epoch	Type: integer Epoch number
hw_handle	Type: hex Hardware Handle
dmac	Type: ethernet Destination MAC address
text	Type: string String
value	Type: integer Value

Command Modes

- /exec

show forwarding l2vpn ipv6 multicast route

show forwarding l2vpn ipv6 multicast route [[**vlan** *vlan-id*]| [**softwarebd** *software-bd*]] [**module** *module*]

Syntax Description

show	show
forwarding	forwarding
l2vpn	Layer 2 VPN *Not available in this release.*
ipv6	ipv6
multicast	Multicast IPv6 information
route	Mcast route information
vlan	vlan
softwarebd	Software Bridge Domain
vlan-id	Type: integer min: 1 max: 4095 vlan id
software-bd	Type: integer min: 1 max: 16383 Software bd
module	slot
module	Type: integer slot number

Command Modes

- /exec

show forwarding l2vpn label vpls

show forwarding l2vpn label [*label_id*] **vpls** [**module module**] [**__readonly__** *label_id*]

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding *Not available in this release.*
label	VC label
label_id	Type: integer min: 0 max: 1048475 VC label
vpls	VPLS
module	slot
__readonly__	
label_id	Type: integer Label ID

Command Modes

- /exec

show forwarding l2vpn label xconnect

show forwarding l2vpn label [*label_id*] **xconnect** [**module module**] [**__readonly__** *label_id*]

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding *Not available in this release.*
label	VC label
label_id	Type: integer min: 0 max: 1048475 VC label
xconnect	xconnect or VPWS
module	slot
__readonly__	
label_id	Type: integer Label ID

Command Modes

- /exec

show forwarding l2vpn multicast outgoing-interface-list

show forwarding l2vpn multicast outgoing-interface-list [**index** *oiflist-index*]

Syntax Description

show	
forwarding	Forwarding information
l2vpn	Layer 2 VPN *Not available in this release.*
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
index	oiflist index
oiflist-index	Type: integer min: 1 max: 65534 oiflist-index

Command Modes

- /exec

show forwarding l2vpn multicast route

show forwarding l2vpn multicast route [[**vlan** *vlan-id*]| [**softwarebd** *software-bd*]] [**module** *module*]

Syntax Description

show	show
forwarding	forwarding
l2vpn	Layer 2 VPN *Not available in this release.*
multicast	Multicast IPv4 information
route	Mcast route information
vlan	vlan
softwarebd	Software Bridge Domain
vlan-id	Type: integer min: 1 max: 4095 vlan id
software-bd	Type: integer min: 1 max: 16383 Software bd
module	slot
module	Type: integer slot number

Command Modes

- /exec

show forwarding l2vpn service vpls

show forwarding l2vpn service vpls {**service_id** {*service_id*| **all**}| **vlan** {*vlan_id*| **vlan_all**}| **peer** {**interface** *intf-name*| **next-hop** *addr*| **peer_all**}} [**module** *module*] **[detail]**

Syntax Description

show	show
forwarding	display fib information
l2vpn	l2vpn forwarding *Not available in this release.*
service	Services
vpls	Vpls
service_id	Specifies a service_id
service_id	Type: integer service ID
all	all VPLS services
vlan	VLAN info
vlan_id	Type: integer VLAN number
vlan_all	all VPLS services
peer	define the peer
peer_all	all peers
interface	PW interface for peer
intf-name	Type: interface interface name
next-hop	Next hop to reach the peer
addr	Type: ipaddr IP address
module	slot

module	Type: integer slot number
detail	Display detailed information

Command Modes

- /exec

show forwarding l2vpn service xconnect

show forwarding l2vpn service xconnect service_id {*service_id*| **all**} [**module** *module*] **[detail]**

Syntax Description

show	show
forwarding	display fib information
l2vpn	l2vpn forwarding *Not available in this release.*
service	Services
xconnect	xconnect or VPWS
service_id	Specify a service_id in hex
service_id	Type: hex service ID
all	All service-id will be displayed
module	slot
module	Type: integer slot number
detail	Display detailed information

Command Modes

- /exec

show forwarding l2vpn vlan

show forwarding l2vpn vlan [*vlan_id*] [**module** *module*] [**__readonly__** *vlan*]

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding *Not available in this release.*
vlan	vlan
vlan_id	Type: integer min: 0 max: 4095 vlan id
module	slot
module	Type: integer slot number
__readonly__	
vlan	Type: integer vlan

Command Modes

- /exec

show forwarding mpls

show forwarding mpls [**vrf** {*vrf-name*| *vrf-known-name*| **all**} [**label** *label*| *prefix*| *v6prefix*]| **table** *table_id* [**label** *label*| *prefix*| *v6prefix*]| **label-space** *label-space-id*| **label** *label*| *prefix*| *v6prefix*] [**module** *module*] **[implicit]** [**__readonly__** *out-table-id out-intf out-ip out-op*]

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding *Not available in this release.*
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known vrf name
all	all vrfs
table	display info per vpn-id
table_id	Type: hex table number
label-space	label space
label-space-id	Type: integer label space id
label	mpls labels
label	Type: integer min: 0 max: 1048475 mpls label value
prefix	Type: ipprefix Labels for single exact match route

v6prefix	Type: ipv6prefix Labels for single exact match v6 route
module	slot
module	Type: integer slot number
__readonly__	
out-table-id	Type: hex Output table-id
out-intf	Type: interface Output Interface
out-ip	Type: ipaddr Output Next Hop
out-op	Type: string Output Label op
implicit	Display implicit label

Command Modes

- /exec

show forwarding mpls aggregate

show forwarding mpls aggregate [**label** {*label-id*| **all**}] **[detail]** [**module** *module*] [**__readonly__** [**TABLE_label_info** *label id* [*sw_index*]]]

Syntax Description

show	
forwarding	display fib information
mpls	mpls forwaring *Not available in this release.*
aggregate	aggregate label
label	label
label-id	Type: integer label-id
all	all
detail	detail
module	slot
module	Type: integer slot number
__readonly__	
TABLE_label_info	
label	Type: integer
id	Type: hex
sw_index	Type: hex

Command Modes

- /exec

show forwarding mpls cbts

show forwarding mpls cbts [**module** *module*] [**__readonly__** [**TABLE_cbts** *label* [*out-intf*] [*out-table-id*] [*out-ip*] [*out-op*]]]

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwaring *Not available in this release.*
cbts	cbts labels
module	slot
module	Type: integer slot number
__readonly__	
TABLE_cbts	
label	Type: integer mpls label value
out-intf	Type: string Output Interface
out-table-id	Type: hex Output table-id
out-ip	Type: string Output Next Hop
out-op	Type: string Output Label op

Command Modes

- /exec

show forwarding mpls ecmp

show forwarding mpls ecmp [**module** *module*] [**__readonly__** [**TABLE_ecmp** *type num_paths ip_paths mpls_paths ecmp_hash holder refcount hw_index* [**TABLE_ecmp_paths** *label_info*]]]

Syntax Description

show	show
forwarding	display fib information
mpls	mpls forwarding
ecmp	mpls ecmps
module	slot
module	Type: integer slot number
__readonly__	
TABLE_ecmp	
type	Type: hex ecmp type
num_paths	Type: integer No of paths
ip_paths	Type: integer No of ip paths
mpls_paths	Type: integer No of mpls paths
ecmp_hash	Type: hex ecmp hash
holder	Type: hex holder bitmap
refcount	Type: integer refcount
hw_index	Type: hex Hw index

TABLE_ecmp_paths	
label_info	Type: string rew info

Command Modes

- /exec

show forwarding mpls summary

show forwarding mpls summary [**module** *module*] [**__readonly__** [**TABLE_labels** *space count total_deagg_labels*]]

Syntax Description

show	show
forwarding	display fib information
mpls	mpls forwarding *Not available in this release.*
summary	summary
module	slot
module	Type: integer slot number
__readonly__	
TABLE_labels	
space	Type: hex label space
count	Type: integer number of labels
total_deagg_labels	Type: integer total deagg labels

Command Modes

- /exec

show forwarding mpls te

show forwarding mpls te [*te_if*] **[detail]** [**module** *module*] [**__readonly__ TABLE_te** *id* [*midpoint_source*] [*dest*] [*tunnel_id*] [*ext_tunnel_id*] [*lisp_id*] [*adjacency*] [*hh*] [*lfib_adj*] [*adj_refcount*] [*obj_refcount*] [*te_state*] [*next_hop*] [*next_if_index*] [*op_label*] [*backup_tunnel*] [*adj_key_id*] [*frr_label*] [*local_label*] [*adj_count*] [*type*] [*out_if*] [*out_lbl*] [*backup_if*] [*backup_lbl*]]

Syntax Description

show	
forwarding	display fib information
mpls	mpls forwarding *Not available in this release.*
te	Traffic Engineering
detail	detail
module	slot
te_if	Type: interface tunnel-te number
module	Type: integer slot number
__readonly__	
TABLE_te	
id	Type: string headend if index
midpoint_source	Type: string
dest	Type: string
tunnel_id	Type: hex
ext_tunnel_id	Type: hex
lisp_id	Type: hex
adjacency	Type: string
hh	Type: hex HH

lfib_adj	Type: string lfib adjavency is drop
adj_refcount	Type: integer
obj_refcount	Type: integer
te_state	Type: string
next_hop	Type: string
next_if_index	Type: string
op_label	Type: integer
backup_tunnel	Type: string
adj_key_id	Type: integer
frr_label	Type: integer
local_label	Type: string
adj_count	Type: integer te related adj count
type	Type: string
out_if	Type: string
out_lbl	Type: integer
backup_if	Type: string
backup_lbl	Type: integer

Command Modes

- /exec

show forwarding multicast outgoing-interface-list

show forwarding multicast outgoing-interface-list {**L2**| **L3**} **[platform]** [**module** *module*] [*index*] [**__readonly__** *refcount num_oif intf*]

Syntax Description

show	
forwarding	Forwarding information
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
L2	Layer 2 oiflist
L3	Layer 3 oiflist
platform	Display PI/PD
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
index	Type: integer min: 1 max: 65535 Outgoing Interface List Index
__readonly__	
refcount	Type: integer Reference count
num_oif	Type: integer Number of outgoing interfaces
intf	Type: string OIF name

Command Modes

- /exec

show forwarding multicast route

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *table_id*] [**ip**| **ipv4**] **multicast route [platform]** {[**group** {*gaddr* [*mask*]| *gprefix*}| **source** {*saddr* [*smask*]| *sprefix*}| **module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+| **summary** [**module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+} [**__readonly__** *table_type num_routes num_starg_routes num_sg_routes num_gprefix_routes num_prefix_insert_fail num_groups num_sources src_len grp_len df_ordinal rpfif rpf_ifindex flag flag_value route_pkts route_bytes oiflist_id platform_id oif_count refcount oifname oifindex oif_pkts oif_bytes*]

Syntax Description

show	
forwarding	Forwarding information
ip	ipv4
ipv4	ipv4
multicast	Multicast IPv4 information
route	Mcast route information
platform	Platform Details
table	display info per vpn-id
table_id	Type: integer table number
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
group	Multicast IPv4 Group specific info
gaddr	Type: ipaddr Multicast IPv4 Group Address

mask	Type: ipaddr Multicast IPv4 Group Address mask
gprefix	Type: ipprefix Multicast IPv4 Group Prefix
source	Multicast IPv4 Source specific info
saddr	Type: ipaddr Multicast IPv4 Source Address
smask	Type: ipaddr Multicast IPv4 Source Address mask
sprefix	Type: ipprefix Multicast IPv4 Source Prefix
summary	display route counts
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
table_type	Type: string Table Type
num_routes	Type: integer Number of routes
num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes
num_prefix_insert_fail	Type: integer Prefix insert fail count
num_groups	Type: integer Number of group entries in the table

num_sources	Type: integer Number of (S, G) entries for the group address
src_len	Type: integer Source Address Mask
grp_len	Type: integer Group address Mask
df_ordinal	Type: string DF ordinal
rpfif	Type: string RPF interface
rpf_ifindex	Type: hex RPF Interface ifIndex
flag	Type: string Route type flag
flag_value	Type: hex hex value of route flag
route_pkts	Type: longlong Route packet count
route_bytes	Type: longlong Route bytes
oiflist_id	Type: integer OIF list Identifier
platform_id	Type: integer Platform-index
oif_count	Type: integer Number of OIFs
refcount	Type: integer OIF list Reference Count
oifname	Type: string OIF Interface name

oifindex	Type: hex OIF Interface ifIndex
oif_pkts	Type: longlong OIF packets
oif_bytes	Type: longlong OIF bytes

Command Modes

- /exec

show forwarding otv

show forwarding otv *intf* [**peer** *peer-id*] [**module** *module*] [**__readonly__** *vlan peer-id peer_vlan_count tunnel_ifindex tunnel_ifname*]

Syntax Description

show	
forwarding	fib information
otv	overlay-transport-virtualization *Not available in this release.*
intf	Type: interface overlay interface
peer	overlay peer
peer-id	Type: integer overlay peer-id
module	slot
module	Type: integer slot number
__readonly__	
vlan	Type: integer Vlan information
peer-id	Type: integer peer-id
peer_vlan_count	Type: integer peer vlan count
tunnel_ifindex	Type: hex tunnel ifindex
tunnel_ifname	Type: string tunnel if name

Command Modes

- /exec

show forwarding otv ipv6 multicast route

show forwarding otv ipv6 multicast route [**vlan** *vlan_id*] [**module** *module*] [**__readonly__** [*table_type*] [*vlan-id*] [*replicator*] [*num_routes*] [*num_starg_routes*] [*num_sg_routes*] [*num_gprefix_routes*] [*num_prefix_insert_fail*] [*num_groups*] [*num_sources*] [**TABLE_otv_mroute** [*src_addr*] [*src_len*] [*grp_addr*] [*grp_len*] [*df_ordinal*] [*rpfif*] [*flag*] [*route_pkts*] [*route_bytes*] [*otv_route_pkts*] [*otv_route_bytes*] [**TABLE_OIF** *oif_count* [*oiflist_id*] [*index*] [*refcount*] [**TABLE_OIFLIST** *oifindex* [*oif_pkts*] [*oif_bytes*] [*src_addr*] [*src_len*] [*oifname*] [*vlanid*] [*grp_addr*] [*grp_len*] [*otv_src_addr*] [*otv_grp_addr*]]]]]

Syntax Description

show	show
forwarding	forwarding
otv	over-the-top virtualization *Not available in this release.*
ipv6	ipv6
multicast	Multicast IPv6 information
route	Mcast route information
vlan	vlan
vlan_id	Type: integer min: 1 max: 4095 vlan id
module	slot
module	Type: integer slot number
__readonly__	
table_type	Type: string Table Type
vlan-id	Type: integer vlan id
replicator	Type: string replicator name
num_routes	Type: integer Number of routes

num_starg_routes	Type: integer Number of (*,G) routes
num_sg_routes	Type: integer Number of (S,G) routes
num_gprefix_routes	Type: integer Number of (*,G-prefix) routes
num_prefix_insert_fail	Type: integer Prefix insert fail count
num_groups	Type: integer Number of group entries in the table
num_sources	Type: integer Number of (S, G) entries for the group address
TABLE_otv_mroute	
src_addr	Type: string Ipv6 address string
src_len	Type: integer Source Address Mask
grp_addr	Type: string Ipv6 address string
grp_len	Type: integer Group address Mask
df_ordinal	Type: string DF ordinal
rpfif	Type: string RPF interface
flag	Type: string Route type flag
route_pkts	Type: longlong Route packet count
route_bytes	Type: longlong Route bytes

otv_route_pkts	Type: longlong OTV Route packet count
otv_route_bytes	Type: longlong OTV Route bytes
TABLE_OIF	
oif_count	Type: integer Number of OIFs
oiflist_id	Type: integer OIF list Identifier
index	Type: integer min: 1 max: 65535 outgoing interface list index
refcount	Type: integer reference count
TABLE_OIFLIST	
oifindex	Type: string OIF Interface ifIndex
oif_pkts	Type: longlong OIF packets
oif_bytes	Type: longlong OIF bytes
src_addr	Type: ipaddr Multicast IPv4 Source Address
src_len	Type: integer Source Address Mask
oifname	Type: string OIF Interface name
vlanid	Type: integer vlan id of the route
grp_addr	Type: ipaddr Multicast IPv4 Group Address

grp_len	Type: integer Group address Mask
otv_src_addr	Type: ipaddr Multicast IPv4 Source Address
otv_grp_addr	Type: ipaddr Multicast IPv4 Group Address

Command Modes

- /exec

show forwarding otv multicast outgoing-interface-list

show forwarding otv multicast outgoing-interface-list [**__readonly__ TABLE_OIF** *index* [*refcount*] [*intf*] [**TABLE_OIFLIST** *oifindex* [*src_addr*] [*src_len*] [*oifname*] [*vlanid*] [*grp_addr*] [*grp_len*]]]

Syntax Description

show	
forwarding	Forwarding information
otv	over-the-top virtualization *Not available in this release.*
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
__readonly__	
TABLE_OIF	outgoing interface list table
index	Type: integer min: 1 max: 65535 outgoing interface list index
refcount	Type: integer reference count
intf	Type: string interface name
TABLE_OIFLIST	outgoing interface list table
oifindex	Type: string OIF Interface ifIndex
src_addr	Type: ipaddr Multicast IPv4 Source Address
src_len	Type: integer Source Address Mask
oifname	Type: string OIF Interface name
vlanid	Type: integer vlan id of the route

grp_addr	Type: ipaddr Multicast IPv4 Group Address
grp_len	Type: integer Group address Mask

Command Modes

- /exec

show forwarding otv multicast route

show forwarding otv multicast route [[**vlan** *vlan-id*]| [**softwarebd** *software-bd*]] [**module** *module*] [**__readonly__** *replicator*]

Syntax Description

show	show
forwarding	forwarding
otv	over-the-top virtualization *Not available in this release.*
multicast	Multicast IPv4 information
route	Mcast route information
vlan	vlan
vlan-id	Type: integer min: 1 max: 4095 vlan id
softwarebd	Software Bridge Domain
software-bd	Type: integer min: 1 max: 16383 Software bd
module	slot
module	Type: integer slot number
__readonly__	
replicator	Type: string replicator name

Command Modes

- /exec

show forwarding otv vlan

show forwarding otv vlan [*vlan_id*] [**module** *module*] [**__readonly__** *vlan*]

Syntax Description

show	show
forwarding	forwarding
otv	otv *Not available in this release.*
vlan	vlan
vlan_id	Type: integer min: 0 max: 4095 vlan id
module	slot
module	Type: integer slot number
__readonly__	
vlan	Type: integer vlan

Command Modes

- /exec

show forwarding pss route

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*}| **table** *table_id*] [**ip**| **ipv4**] **pss route** [**module** *module*]

Syntax Description

show	show
forwarding	forwarding
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
table	display info per vpn-id
table_id	Type: integer table number
ip	ipv4
ipv4	ipv4
pss	display info from pss
route	route
module	slot *Available only in the 9500 series.*
module	Type: integer slot number

Command Modes

- /exec

show forwarding restart

show forwarding restart [**module** *module*]

Syntax Description

show	
forwarding	fib information
restart	restart fib
module	slot
module	Type: integer slot number

Command Modes

- /exec

show forwarding security group-tag

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *table_id*| **vlan** *vlan_id*] [**ip**| **ipv4**] **security group-tag** [*addr*] [**module** *num*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+ [**__readonly__** *header vrfname tid pfx-count ipa tag tv vid*]

Syntax Description

show	
forwarding	display fib information
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
table	display info per vpn-id
table_id	Type: integer table number
vlan	vlan
vlan_id	Type: integer vlan number
ip	ipv4
ipv4	ipv4
security	display IP security information
group-tag	ip_address->security_group_tag
addr	Type: ipaddr specific ip address

module	slot *Available only in the 9500 series.*
__readonly__	
header	Type: string header string
vrfname	Type: string VRF name
tid	Type: integer table identifier
num	Type: integer-range module number
pfx-count	Type: integer total prefix count in VRF
ipa	Type: ipaddr ip address
tag	Type: integer min: 0 max: 65535 security group tag
tv	Type: integer min: 0 max: 1 sgt valid
vid	Type: integer vlan indentifier

Command Modes

- /exec

show forwarding security mac

show forwarding [**vrf** {*vrf-name*| *vrf-known-name*| **all**}| **table** *table_id*] [**ip**| **ipv4**] **security mac** [*addr*] [**module** *module*| **vrf** {*vrf-name*| *vrf-known-name*| **all**}]+ [**__readonly__** *header vrfname tid pfx-count ipa mac p m v intf*]

Syntax Description

show	
forwarding	display fib information
vrf	display info per VRF
vrf-name	Type: vrf pattern: [-a-zA-Z0-9_:;$#@]* antipattern: vrf | detail | interface | definition | context | forwarding | member | all | l2-vrf | topology | passive length: 32 VRF name
vrf-known-name	Type: vrf Known VRF name
all	Display information for all VRFs
table	display info per vpn-id
table_id	Type: integer table number
ip	ipv4
ipv4	ipv4
security	display IP security information
mac	ip_address->mac_address
addr	Type: ipaddr specific ip address
module	slot *Available only in the 9500 series.*
module	Type: integer slot number

__readonly__	
header	Type: string header string
vrfname	Type: string VRF name
tid	Type: integer table identifier
pfx-count	Type: integer total prefix count in VRF
ipa	Type: ipaddr ip address
mac	Type: string mac address
p	Type: integer min: 0 max: 1 1 => ip->port binding
m	Type: integer min: 0 max: 1 1 => ip->mac binding
v	Type: integer min: 0 max: 1 1 => ip->vlan binding
intf	Type: interface ip->port interface

Command Modes

- /exec

show forwarding trace

show forwarding trace [clear] [**module** *module*] [**__readonly__** *op*]

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer *Available only in the 9500 series.*
clear	clear the trace buffer
module	slot
module	Type: integer slot number
__readonly__	
op	Type: string output

Command Modes

- /exec

show forwarding trace profile

show forwarding trace profile

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer
profile	show the collection profiling information

Command Modes

- /exec

show forwarding trace profile funcstats

show forwarding trace profile funcstats [**enable**| **disable**] [**module** *module*] [**__readonly__** *op*]

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer
profile	show the collection profiling information
funcstats	function statistics
enable	enable function statistics
disable	disable function statistics
module	slot *Available only in the 9500 series.*
module	Type: integer slot number
__readonly__	
op	Type: string output

Command Modes

- /exec