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show l2fwder l2rib info

show l2fwder l2rib info

Syntax Description

show	Show running system information
l2fwder	L2 software forwarding
l2rib	L2RIB
info	stats and info

Command Mode

- /exec

show l2fwder rmac

show l2fwder rmac <mac-address>

Syntax Description

show	Show running system information
l2fwder	Display L2FWDER forwarding information
rmac	router mac
mac-address	MAC address

Command Mode

- /exec

show l2fwder statistics

show l2fwder statistics

Syntax Description

show	Show running system information
l2fwder	Display L2FWDER forwarding information
statistics	Show L2FWDER packet counters

Command Mode

- /exec

show l2rib clients

show l2rib clients [<client_id>] [__readonly__ TABLE_l2rib_clients <client-id> <uuid> <process-suffix>]

Syntax Description

show	Show running system information
l2rib	Layer 2 routing information base
clients	L2RIB Clients
client_id	(Optional) Enter Client ID
__readonly__	(Optional)
TABLE_l2rib_clients	(Optional) L2RIB Clients Table
client-id	(Optional) Client ID
uuid	(Optional) Process ID
process-suffix	(Optional) Process Name Suffix

Command Mode

- /exec

show l2rib producers

show l2rib producers [{ topology | mac | mac-ip | ead | pl | imet | flood-list | startup-route | peerid | es } [static | local | bgp | vxlan | hmm | arp | ofa | lisp]] [detail] [__readonly__ TABLE_l2rib_producers <prod-name> <prod-id> <client-id> <obj-type> <admin-dist> <purge-time> <state> [<prod-flags>]]

Syntax Description

show	Show running system information
l2rib	Layer 2 routing information base
producers	L2RIB Producers
detail	(Optional) Detailed information
topology	(Optional) Filter on Topology
mac	(Optional) Filter on MAC
mac-ip	(Optional) Filter on MAC-IP
ead	(Optional) Filter on Ethernet-AD
pl	(Optional) Filter on Path List
imet	(Optional) Filter on IMET Route
flood-list	(Optional) Filter on Flood List
startup-route	(Optional) Filter on Startup Route
peerid	(Optional) Filter on Peerid
es	(Optional) Filter on ES
static	(Optional) Static
local	(Optional) Local
bgp	(Optional) BGP
vxlan	(Optional) VXLAN
hmm	(Optional) HMM
arp	(Optional) ARP
ofa	(Optional) OFA
lisp	(Optional) lisp
__readonly__	(Optional)
TABLE_l2rib_producers	(Optional) L2RIB Producers Table

prod-name	(Optional) Producer Name
prod-id	(Optional) Producer ID
client-id	(Optional) Client ID
obj-type	(Optional) Object Type
admin-dist	(Optional) Admin Distance
purge-time	(Optional) Purge Time
state	(Optional) State
prod-flags	(Optional) Global Producer Flags

Command Mode

- /exec

show l2rib registrations

show l2rib registrations [client <client_id> [<topo_id> { mac | mac-ip | ead | pl | imet | flood-list | arp-signal | startup-route | topo | es }]] [__readonly__ TABLE_l2rib_registrations <client-id> <topo-id> <obj-type> <prod>]

Syntax Description

show	Show running system information
l2rib	Layer 2 routing information base
registrations	L2RIB Registrations
client	(Optional) Global Registraion Entries
client_id	(Optional) Enter Client ID
topo_id	(Optional) Enter Topology ID
mac	(Optional) Filter on MAC
mac-ip	(Optional) Filter on MAC-IP
ead	(Optional) Filter on Ethernet-AD
pl	(Optional) Filter on Path List
imet	(Optional) Filter on IMET Route
es	(Optional) Filter on Ethernet Segment ID
flood-list	(Optional) Filter on Flood List
startup-route	(Optional) Filter on Startup Route
arp-signal	(Optional) Filter on ARP Signal
topo	(Optional) Filter on Topo Subtype
__readonly__	(Optional)
TABLE_l2rib_registrations	(Optional) L2RIB Registrations Table
client-id	(Optional) Client ID
topo-id	(Optional) Topology ID
obj-type	(Optional) Object Type
prod	(Optional) Producer

Command Mode

- /exec

show l2route evpn ead all

show l2route evpn ead all [detail] [__readonly__ TABLE_l2route_evpn_ead_all <topo-id> <prod> <esi> <client-nfn> <num_pls> [{ <next-hop> }]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
ead	EAD
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_evpn_ead_all	(Optional) L2RIB EVPN EAD All Table
topo-id	(Optional) Topology ID
prod	(Optional) Producer
esi	(Optional) ESI
client-nfn	(Optional) Client Notification Bitmap
num_pls	(Optional) Number of Path lists
next-hop	(Optional) Next Hop

Command Mode

- /exec

show l2route evpn ethernet-segment esi

show l2route evpn ethernet-segment { esi <esi-id> | all } [bgp | vxlan] [detail] [__readonly__ TABLE_l2route_es <ethernet-segment> <originating-rtr> <prod-name> <int-ifhdl> <client-nfn>]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
ethernet-segment	Ethernet Segment ID
esi	ESI Value
esi-id	ESI ID
all	Display all entries without filtering
bgp	(Optional) Filter on BGP producer
vxlan	(Optional) Filter on VXLAN producer
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_es	(Optional) L2RIB ES Table
ethernet-segment	(Optional) ESI
originating-rtr	(Optional) Originating Router
prod-name	(Optional) Producer Name
int-ifhdl	(Optional) Interface Handle
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn fl all

show l2route evpn fl all [detail] [__readonly__ TABLE_l2route_fl_all <topo-id> <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
fl	Flood List
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_fl_all	(Optional) L2RIB Flood List All Table
topo-id	(Optional) Topology ID
peer-id	(Optional) Peer-ID
flood-list	(Optional) Flood List
is-service-node	(Optional) Is Service Node
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn fl evi

show l2route evpn fl evi <vpn-id> [detail] [__readonly__ TABLE_l2route_fl <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
fl	Flood List
evi	Filter on E-VPN identifier (VLAN-ID or BD-ID)
vpn-id	E-VPN identifier (VLAN-ID or BD-ID)
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_fl	(Optional) L2RIB Flood List Table
peer-id	(Optional) Peer-ID
flood-list	(Optional) Flood List
is-service-node	(Optional) Is Service Node
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn imet all

show l2route evpn imet all [detail] [__readonly__ TABLE_l2route_imet_all <topo-id> <vni> <prod-type> <ip-addr> [<eth-tag-id>] [<pmsi-flags>] [<flags>] [<type>] [<vni-label>] [<tunnel-id>] [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
imet	IMET Route
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_imet_all	(Optional) L2RIB IMET All Table
topo-id	(Optional) Topology ID
vni	(Optional) VNI
prod-type	(Optional) Producer Type
ip-addr	(Optional) IP Address
eth-tag-id	(Optional) Ethernet Tag ID
pmsi-flags	(Optional) PMSI Flags
flags	(Optional) Flags
type	(Optional) Type
vni-label	(Optional) VNI Label
tunnel-id	(Optional) Tunnel ID
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn imet evi

show l2route evpn imet evi <vpn-id> [bgp | vxlan] [detail] [__readonly__ TABLE_l2route_imet <vni> <prod-type> <ip-addr> [<eth-tag-id>] [<pmsi-flags>] [<flags>] [<type>] [<vni-label>] [<tunnel-id>] [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
imet	IMET Route
evi	Filter on E-VPN identifier (VLAN-ID or BD-ID)
vpn-id	E-VPN identifier (VLAN-ID or BD-ID)
bgp	(Optional) Filter on BGP producer (remote imet routes)
vxlan	(Optional) Filter on VXLAN producer (local imet routes)
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_imet	(Optional) L2RIB IMET Table
vni	(Optional) VNI
prod-type	(Optional) Producer Type
ip-addr	(Optional) IP Address
eth-tag-id	(Optional) Ethernet Tag ID
pmsi-flags	(Optional) PMSI Flags
flags	(Optional) Flags
type	(Optional) Type
vni-label	(Optional) VNI Label
tunnel-id	(Optional) Tunnel ID
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn mac-ip all

show l2route evpn mac-ip all [detail] [__readonly__ TABLE_l2route_mac_ip_all <topo-id> <mac-addr> <prod-type> <flags> <seq-num> <host-ip> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
mac-ip	MAC-IP Route
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_ip_all	(Optional) L2RIB Mac-IP All Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type
flags	(Optional) Flags
seq-num	(Optional) Sequence Number
host-ip	(Optional) Host IP
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2
l3-info	(Optional) L3 Information
fwd-state	(Optional) Forwarding State
rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
peerid	(Optional) Peer ID
peer-ifindex	(Optional) Peer Interface Index
esi-id	(Optional) ESI ID
soo	(Optional) SOO

pcinfo	(Optional) Port-Channel Info

Command Mode

- /exec

show l2route evpn mac-ip evi

show l2route evpn mac-ip evi <vpn-id> [arp | bgp | hmm] [mac <mac_addr>] [host-ip { <ipv4_host> | <ipv6_host> }] [next-hop { <ipv4_addr> | <ipv6_addr> | <if-hdl> }] [detail] [__readonly__ TABLE_l2route_mac_ip_evi <topo-id> <mac-addr> <prod-type> <seq-num> <host-ip> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
mac-ip	MAC-IP Route
evi	Filter on E-VPN identifier (VLAN-ID or BD-ID)
vpn-id	E-VPN identifier (VLAN-ID or BD-ID)
arp	(Optional) Filter on ARP producer
bgp	(Optional) Filter on BGP producer
hmm	(Optional) Filter on HMM producer
mac	(Optional) Filter on MAC address
mac_addr	(Optional) 48-bit MAC address value
host-ip	(Optional) Filter on Host IP address
ipv4_host	(Optional) IPv4 address
next-hop	(Optional) Filter on Next-Hop IP or Interface Name
ipv4_addr	(Optional) IPv4 address of Next Hop
if-hdl	(Optional) Interface index of Next Hop
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_ip_evi	(Optional) L2RIB Mac-IP Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type
host-ip	(Optional) Host IP

seq-num	(Optional) Sequence Number
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2
fwd-state	(Optional) Forwarding State
rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
esi-id	(Optional) ESI ID
soo	(Optional) SOO
pcinfo	(Optional) Port-Channel Info
l3-info	(Optional) L3 Information
peerid	(Optional) Peer ID
peer-ifindex	(Optional) Peer Interface Index

Command Mode

- /exec

show l2route evpn mac all

show l2route evpn mac all [detail] [__readonly__ TABLE_l2route_mac_all <topo-id> <mac-addr> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<rte-res>] [<fwd-state>] [<res-pl-next-hop1>] [<res-pl-next-hop2>] [<sent-to>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
mac	MAC Route
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_all	(Optional) L2RIB Mac All Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type
flags	(Optional) Flags
seq-num	(Optional) Sequence Number
fwd-state	(Optional) Forwarding State
res-pl-next-hop1	(Optional) Resultant PL Next hop 1
res-pl-next-hop2	(Optional) Resultant PL Next hop 2
rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
esi-id	(Optional) ESI ID
soo	(Optional) SOO
pcinfo	(Optional) Port-Channel Info
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2

Command Mode

- /exec

show l2route evpn mac evi

show l2route evpn mac evi <vpn-id> [static | local | bgp | vxlan | lisp] [mac <mac_addr>] [next-hop { <ipv4_addr> | <ipv6_addr> | <if-hdl> }] [esi <esi-id>] [detail] [__readonly__ TABLE_l2route_mac_evi <topo-id> <mac-addr> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<rte-res>] [<fwd-state>] [<res-pl-next-hop1>] [<res-pl-next-hop2>] [<sent-to>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
mac	MAC Route
evi	Filter on E-VPN identifier (VLAN-ID or BD-ID)
vpn-id	E-VPN identifier (VLAN-ID or BD-ID)
static	(Optional) Filter on Static producer
local	(Optional) Filter on Local producer
bgp	(Optional) Filter on BGP producer
vxlan	(Optional) Filter on VXLAN producer
lisp	(Optional) Filter on LISP producer
mac	(Optional) Filter on MAC address
esi	(Optional) Filter on ESI value
mac_addr	(Optional) Enter 48-bit MAC address value
next-hop	(Optional) Filter on Next-Hop IP or Interface Name
ipv4_addr	(Optional) IPv4 address of Next Hop
if-hdl	(Optional) Interface index of Next Hop
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_evi	(Optional) L2RIB Mac EVI Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type

flags	(Optional) Flags
seq-num	(Optional) Sequence Number
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2
fwd-state	(Optional) Forwarding State
res-pl-next-hop1	(Optional) Resultant PL Next hop 1
res-pl-next-hop2	(Optional) Resultant PL Next hop 2
rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
esi-id	(Optional) ESI ID
soo	(Optional) SOO
pcinfo	(Optional) Port-Channel Info

Command Mode

- /exec

show l2route evpn path-list all

show l2route evpn path-list { all | esi <esi-id> } [detail] [__readonly__ TABLE_l2route_evpn_pathlist_all <topo-id> <prod> <esi> [<ecmp_label>] [<flags>] [<client_ctx>] <mac-cnt> <client-nfn> [{ <cp-next-hop> }] [{ <res-next-hop> }]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
path-list	Path-List
all	Display all routes without filtering
esi	ESI Value
esi-id	ESI ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_evpn_pathlist_all	(Optional) L2RIB EVPN Pathlist all Table
topo-id	(Optional) Topology ID
prod	(Optional) Producer
esi	(Optional) ESI
ecmp_label	(Optional) ECMP label
flags	(Optional) Flags
client_ctx	(Optional) Client context
mac-cnt	(Optional) Mac count
client-nfn	(Optional) Client Notification Bitmap
cp-next-hop	(Optional) Control plane Next hops
res-next-hop	(Optional) Resultant Next hops

Command Mode

- /exec

show l2route evpn startup-route all

show l2route evpn startup-route all [detail] [__readonly__ TABLE_l2route_startup_route_all <topo-id> <src-group> <del-src-group> [<src-lpbk-ifhdl>] [<nve-ifhdl>] [<flags>] [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
startup-route	Startup Route
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_startup_route_all	(Optional) L2RIB Startup-Route All Table
topo-id	(Optional) Topology ID
src-group	(Optional) Source Group
del-src-group	(Optional) Delivery Source Group
src-lpbk-ifhdl	(Optional) Source Loopback Interface Handle
nve-ifhdl	(Optional) NVE Interface Handle
flags	(Optional) Flags
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn startup-route evi

show l2route evpn startup-route evi <vpn-id> [detail] [__readonly__ TABLE_l2route_startup_route <src-group> <del-src-group> [<src-lpbk-ifhdl>] [<nve-ifhdl>] [<flags>] [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
startup-route	Startup Route
evi	Filter on E-VPN identifier (VLAN-ID or BD-ID)
vpn-id	E-VPN identifier (VLAN-ID or BD-ID)
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_startup_route	(Optional) L2RIB Startup-Route Table
src-group	(Optional) Source Group
del-src-group	(Optional) Delivery Source Group
src-lpbk-ifhdl	(Optional) Source Loopback Interface Handle
nve-ifhdl	(Optional) NVE Interface Handle
flags	(Optional) Flags
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route fl topology

show l2route fl { topology <topo-id> | all } [detail] [__readonly__ TABLE_l2route_fl [<topo-id>] <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
fl	Flood List
all	Display all routes without filtering
topology	Filter on toplogy ID
topo-id	topology ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_fl	(Optional) L2RIB Flood List Table
topo-id	(Optional) Topology ID
peer-id	(Optional) Peer-ID
flood-list	(Optional) Flood List
is-service-node	(Optional) Is Service Node
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route peerid

show l2route peerid [__readonly__ TABLE_l2route_peerid <if-hdl> <ip-addr> <peer-id> <if-idx> <num-macs> <num-nhs>]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
peerid	Display Peer ID DB
__readonly__	(Optional)
TABLE_l2route_peerid	(Optional) L2RIB Peer-ID Table
if-hdl	(Optional) Interface Handle
ip-addr	(Optional) IP Address
if-idx	(Optional) Peer Interface Index
peer-id	(Optional) Peer-ID
num-macs	(Optional) Number of Macs
num-nhs	(Optional) Number of NHs

Command Mode

- /exec

show l2route summary

show l2route summary [__readonly__ { <total_memory> <numof_converged_tables> [{ TABLE_l2route_summary <table_name> { TABLE_producer <producer_name> <id> <objects> <memory> } <total><total_obj><total_mem> }] }]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
summary	Summary
__readonly__	(Optional) Read only
total_memory	(Optional) Total memory
numof_converged_tables	(Optional) Number of converged tables
TABLE_l2route_summary	(Optional) L2route summary table
table_name	(Optional) Table name
TABLE_producer	(Optional) Producer table
producer_name	(Optional) Producer name
id	(Optional) id
objects	(Optional) objects
memory	(Optional) Memory

Command Mode

- /exec

show l2route topology

show l2route topology [<topo_id>] [detail] [__readonly__ TABLE_l2route_topology <topo-id> <topo-name> <topo-type> [<vni>] [<encap-type>] [<iod>] [<if-hdl>] [<vtep-ip>] [<emulated-ip>] [<emulated-ro-ip>] [<tx-id>] [<rcvd-flag>] [<rmac>] [<vrf-id>] [<vmac>] [<flags>] [<sub-flags>] [<prev-flags>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
topology	Display topology IDs
topo_id	(Optional) Enter Topology ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_topology	(Optional) L2RIB Topology Table
topo-id	(Optional) Topology ID
topo-name	(Optional) Topology Name
topo-type	(Optional) Topology Type
vni	(Optional) VNI
encap-type	(Optional) Encap Type
iod	(Optional) IOD
if-hdl	(Optional) Interface Handle
vtep-ip	(Optional) VTEP IP Address
emulated-ip	(Optional) Emulated VTEP IP Address
emulated-ro-ip	(Optional) Emulated RO VTEP IP Address
tx-id	(Optional) Transaction ID for Topology Ack
rcvd-flag	(Optional) Flag to Indicate Topology Ack
rmac	(Optional) Local Router MAC (For L3 VNIs)
vrf-id	(Optional) VRF ID (For L3 VNIs)
vmac	(Optional) Local Virtual MAC (For L3 VNIs)
flags	(Optional) Flags
sub-flags	(Optional) Sub Flags

prev-flags	(Optional) Previous Flags

Command Mode

- /exec

show l2route topology

show l2route { mac | openflow mac | dataplane mac [local | remote] } { topology <topo-id> | all } [detail] [__readonly__ TABLE_l2route_mac <topo-id> <mac-addr> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<rte-res>] [<fwd-state>] [<res-pl-next-hop1>] [<res-pl-next-hop2>] [<sent-to>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
dataplane	dataplane
openflow	openflow
mac	MAC Route
all	Display all routes without filtering
local	(Optional) dataplane learnt local routes
remote	(Optional) dataplane learnt remote routes
topology	Filter on toplogy ID
topo-id	topology ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac	(Optional) L2RIB Mac All Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type
flags	(Optional) Flags
seq-num	(Optional) Sequence Number
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2
fwd-state	(Optional) Forwarding State
res-pl-next-hop1	(Optional) Resultant PL Next hop1
res-pl-next-hop2	(Optional) Resultant PL Next hop2

rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
esi-id	(Optional) ESI ID
soo	(Optional) SOO
pcinfo	(Optional) Port-Channel Info

Command Mode

- /exec

show l2route topology

show l2route { mac-ip | openflow mac-ip } { topology <topo-id> | all } [detail] [__readonly__ TABLE_l2route_mac_ip_openflow <topo-id> <mac-addr> <prod-type> <seq-num> <host-ip> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
mac-ip	MAC-IP Route
all	Display all routes without filtering
openflow	openflow
topology	Filter on toplogy ID
topo-id	topology ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_ip_openflow	(Optional) L2RIB Mac-IP Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
prod-type	(Optional) Producer Type
host-ip	(Optional) Host IP
next-hop1	(Optional) Next Hop 1
next-hop2	(Optional) Next Hop 2
seq-num	(Optional) Sequence Number
fwd-state	(Optional) Forwarding State
rte-res	(Optional) Route Resolution
sent-to	(Optional) Active Clients
esi-id	(Optional) ESI ID
soo	(Optional) SOO
pcinfo	(Optional) Port-Channel Info

l3-info	(Optional) L3 Information
peerid	(Optional) Peer ID
peer-ifindex	(Optional) Peer Interface Index

Command Mode

- /exec

show lacp counters

show lacp counters [interface <if0>] [__readonly__ TABLE_interface <interface> TABLE_member <port> <pdus-sent> <pdus-rcvd> <marker-rcvd> <marker-resp-sent> <pkt-errors> [<illegal-rcvd>] [<unknown-rcvd>]]

Syntax Description

show	Show running system information
lacp	LACP protocol
counters	LACP counters
interface	(Optional) Specify a port-channel
if0	(Optional)
__readonly__	(Optional)
TABLE_interface	(Optional) Port channel table
interface	(Optional) Port channel
TABLE_member	(Optional) Member port info
port	(Optional) Member port
pdus-sent	(Optional) Number of PDUs sent
pdus-rcvd	(Optional) Number of PDUs received
marker-rcvd	(Optional) Number of Marker PDUs received
marker-resp-sent	(Optional) Number of Marker response PDUs sent
pkt-errors	(Optional) Number of packet errors
illegal-rcvd	(Optional) Number of illegal packets received
unknown-rcvd	(Optional) Number of unknown packets received

Command Mode

- /exec

show lacp interface

show lacp interface [<if0>] [__readonly__ <interface> <operational-state> <channel-group> <port-channel> <pdus-sent> <pdus-rcvd> <marker-sent> <marker-rcvd> <marker-resp-sent> <marker-resp-rcvd> <unknown-rcvd> <illegal-rcvd> <lag-id> <active-time> { localport <local-interface> <local-mac-address> <local-system-priority> <local-port-priority> <local-port-num> <local-op-key> <local-activity> <local-timeout> <local-sync> <local-collecting> <local-distributing> <partner-info-timeout> <local-admin-state> <local-oper-state> } { partnerport <partner-interface> <partner-mac-address> <partner-system-priority> <partner-port-priority> <partner-port-num> <partner-op-key> <partner-activity> <partner-timeout> <partner-sync> <partner-collecting> <partner-distributing> <partner-admin-state> <partner-oper-state> } <agg-or-indiv>]

Syntax Description

show	Show running system information
lacp	LACP protocol
interface	Specify a interface
if0	(Optional)
__readonly__	(Optional)
interface	(Optional) Interface ID
channel-group	(Optional) Channel Group
port-channel	(Optional) Port Channel
lag-id	(Optional) LAG Id
active-time	(Optional) active-time
operational-state	(Optional) Operational State
agg-or-indiv	(Optional) Aggregate or individual port
pdus-rcvd	(Optional) PDUs received
pdus-sent	(Optional) PDUs sent
marker-rcvd	(Optional) Markers received
marker-sent	(Optional) Markers sent
marker-resp-rcvd	(Optional) Marker response received
marker-resp-sent	(Optional) Marker response sent
unknown-rcvd	(Optional) Unknown pdus received
illegal-rcvd	(Optional) Illegal pdus received

localport	(Optional) Local port information
local-interface	(Optional) Interface
local-mac-address	(Optional) MAC Address
local-system-priority	(Optional) System Priority
local-port-priority	(Optional) Port Priority
local-port-num	(Optional) Port Number
local-op-key	(Optional) Operational Key
local-admin-state	(Optional) Local Admin State
local-oper-state	(Optional) Local Oper State
local-activity	(Optional) Mode
local-timeout	(Optional) Timeout
local-sync	(Optional) Synchronization
local-distributing	(Optional) Distributing
local-collecting	(Optional) Collecting
partner-info-timeout	(Optional) Partner information refresh timeout
partnerport	(Optional) Partner port information
partner-interface	(Optional) Partner Interface
partner-mac-address	(Optional) Partner MAC Address
partner-system-priority	(Optional) Partner System Priority
partner-port-priority	(Optional) Partner Port Priority
partner-port-num	(Optional) Partner Port Number
partner-op-key	(Optional) Operational Key
partner-admin-state	(Optional) Partner Admin State
partner-oper-state	(Optional) Partner Oper State
partner-activity	(Optional) Mode
partner-timeout	(Optional) Timeout
partner-sync	(Optional) Synchronization
partner-distributing	(Optional) Distributing
partner-collecting	(Optional) Collecting

Command Mode

- /exec

show lacp issu-impact

show lacp issu-impact [__readonly__ TABLE_interface <interface>]

Syntax Description

show	Show running system information
lacp	Show LACP information
issu-impact	Check for ISSU readiness
__readonly__	(Optional)
TABLE_interface	(Optional) Port-channel issu-impact member list
interface	(Optional) Port-channel Member

Command Mode

- /exec

show lacp neighbor

show lacp neighbor [interface <if0>] [__readonly__ TABLE_interface <interface> TABLE_member <port> <partner-system-id> <partner-port-num> <partner-age> <partner-flags> <partner-port-priority> <partner-oper-key> <partner-port-state>]

Syntax Description

show	Show running system information
lacp	LACP protocol
neighbor	LACP interface neighbor
interface	(Optional) Specify a port-channel
if0	(Optional)
__readonly__	(Optional)
TABLE_interface	(Optional) Port channel table
interface	(Optional) Port channel
TABLE_member	(Optional) Member port info
port	(Optional) Member port
partner-system-id	(Optional) Partner System ID
partner-port-num	(Optional) Partner Port Number
partner-age	(Optional) Partner age
partner-flags	(Optional) Partner flags
partner-port-priority	(Optional) Partner Port Priority
partner-oper-key	(Optional) Partner oper key
partner-port-state	(Optional) Partner port state

Command Mode

- /exec

show lacp port-channel

show lacp port-channel [interface <if0>] [__readonly__ TABLE_interface <interface> <aggr-mac-address> <local-system-priority> <local-system-id> <local-admin-key> <local-oper-key> <partner-system-priority> <partner-system-id> <partner-oper-key> <max-delay> <agg-or-indiv> { <port-list> } +]

Syntax Description

show	Show running system information
lacp	LACP protocol
port-channel	LACP port-channels
interface	(Optional) Specify a port-channel
if0	(Optional)
__readonly__	(Optional)
TABLE_interface	(Optional) Port channel table
interface	(Optional) Port channel
aggr-mac-address	(Optional) Mac Address of aggregator
local-system-priority	(Optional) Local System Priority
local-system-id	(Optional) Local System-Id
local-admin-key	(Optional) Local admin key
local-oper-key	(Optional) Local oper key
partner-system-priority	(Optional) Partner System Priority
partner-system-id	(Optional) Partner System-Id
partner-oper-key	(Optional) Partner oper key
max-delay	(Optional) Maximum delay between aggregator and mac-client
agg-or-indiv	(Optional) Aggregate or individual port
port-list	(Optional) List of port names for member ports

Command Mode

- /exec

show lacp system-identifier

show lacp system-identifier [__readonly__ <system-priority> <system-mac>]

Syntax Description

show	Show running system information
lacp	LACP protocol
system-identifier	Show system-identifier information
__readonly__	(Optional)
system-priority	(Optional) System priority
system-mac	(Optional) System mac address

Command Mode

- /exec

show ldap-search-map

show ldap-search-map [__readonly__ { number_of_search_maps <search_map_count> } { TABLE_ldap_searchmaps <map_name> [<map_baseDN> <map_attr> <map_filter>] }]

Syntax Description

__readonly__	(Optional)
number_of_search_maps	(Optional) Total number of search maps configured
search_map_count	(Optional) Ldap Search map count
TABLE_ldap_searchmaps	(Optional) Ldap search map configuration
map_name	(Optional) Search map name
map_baseDN	(Optional) Ldap base DN
map_attr	(Optional) Search map attribute
map_filter	(Optional) Ldap Search filter
show	Show running system information
ldap-search-map	Show LDAP configuration information

Command Mode

- /exec

show ldap-server

show ldap-server [__readonly__ { global_timeout <g_timeout> } { global_port <g_port> } { global_deadtime <g_deadtime> } { total_number_of_server <g_servers_count> } { TABLE_ldap_hosts <ldap_host> <h_idletime> <h_test_user> <h_test_passwd> [<h_test_dn>] <h_timeout> <h_port> <h_rootDN> <h_ssl_enable> }]

Syntax Description

__readonly__	(Optional)
TABLE_ldap_hosts	(Optional) Ldap host configuration
global_timeout	(Optional) Ldap host global timeout
global_port	(Optional) Ldap host global port
global_deadtime	(Optional) Ldap host global deadtime
total_number_of_server	(Optional) Total number of ldap hosts configured
g_servers_count	(Optional) Total number of ldap hosts configured
g_timeout	(Optional) global timeout value
g_port	(Optional) Global ldap port
g_deadtime	(Optional) Global deadtime value
ldap_host	(Optional) Ldap host
h_idletime	(Optional) Ldap host idletime
h_test_user	(Optional) Ldap host testuser
h_test_passwd	(Optional) Ldap host password
h_test_dn	(Optional) Ldap testuser dn
h_timeout	(Optional) Ldap host timeout
h_port	(Optional) Ldap host port
h_rootDN	(Optional) Ldap host RootDN
h_ssl_enable	(Optional) Ldap host ssl configuration
show	Show running system information
ldap-server	Show LDAP configuration information

Command Mode

- /exec

show ldap-server groups

show ldap-server groups [__readonly__ { total_number_of_groups <total_groups_count> } { TABLE_groups <g_name> <g_vrf> <g_mode> <is_bind_and_search> <g_append_with_baseDN> <g_compare_or_bind> <g_cmp_passwd_attr> [<user-server-group>] [<Cert-DN-match>] <auth_mechanism> [TABLE_g_servers <g_server> <g_port> <g_timeout>] [<g_search_map>] }]

Syntax Description

show	Show running system information
ldap-server	Show LDAP configuration information
groups	Show LDAP server group configuration information
__readonly__	(Optional)
total_number_of_groups	(Optional) Total number of Ldap groups configured
total_groups_count	(Optional) Ldap group count
TABLE_groups	(Optional) LDAP Group information
g_name	(Optional) Ldap group name
g_vrf	(Optional) LDAP group vrf
g_mode	(Optional) LDAP group mode
is_bind_and_search	(Optional) Ldap Authentication bind or search
g_append_with_baseDN	(Optional) LDAP baseDN append information
g_compare_or_bind	(Optional) LDAP bind or compare
g_cmp_passwd_attr	(Optional) LDAP compare password attribute
user-server-group	(Optional) Ldap server group validation
Cert-DN-match	(Optional) Ldap group CERT-DN match
auth_mechanism	(Optional) Ldap server group authentication mechanism
TABLE_g_servers	(Optional) LDAP group server information
g_server	(Optional) LDAP group host
g_port	(Optional) LDAP group host port
g_timeout	(Optional) LDAP griup host timeout
g_search_map	(Optional) LDAP group search map

Command Mode

- /exec

show ldap-server statistics

show ldap-server statistics <host0> [__readonly__ { <server_state> [<clock_time> { monitoring_statistics <time_in_pstate> <ndead> <tt_in_dstate> }] } { { auth_statistics <auth_failed_transactions> <auth_succ_transactions> <auth_req_sent> <auth_req_timedout> <auth_resp_no_match> <auth_resp_not_processed> <auth_resp_error> } { acct_statistics <acct_failed_transactions> <acct_succ_transactions> <acct_req_sent> <acct_req_timedout> <acct_resp_no_match> <acct_resp_not_processed> <acct_resp_error> } }]

Syntax Description

show	Show running system information
ldap-server	Show LDAP configuration information
statistics	Show LDAP statistics
host0	DNS name or IP address
__readonly__	(Optional)
server_state	(Optional) Show state of server
clock_time	(Optional) Show clock time in terms of hours, minutes and seconds
monitoring_statistics	(Optional) Monitoring Statistics
time_in_pstate	(Optional) Time in previous state
ndead	(Optional) Number of times dead
tt_in_dstate	(Optional) Total time in dead state
auth_statistics	(Optional) Authentication Statistics
acct_statistics	(Optional) Accounting Statistics
auth_failed_transactions	(Optional) Authentication: Failed transactions
auth_succ_transactions	(Optional) Authentication: Successful transactions
auth_req_sent	(Optional) Authentication: Requests sent
auth_req_timedout	(Optional) Authentication: Requests timedout
auth_resp_no_match	(Optional) Authentication: Responses with no matching requests
auth_resp_not_processed	(Optional) Authentication: Responses not processed
auth_resp_error	(Optional) Authentication: Responses containing errors
acct_failed_transactions	(Optional) Accounting: Failed transactions
acct_succ_transactions	(Optional) Accounting: Successful transactions

acct_req_sent	(Optional) Accounting: Requests sent
acct_req_timedout	(Optional) Accounting: Requests timedout
acct_resp_no_match	(Optional) Accounting: Responses with no matching requests
acct_resp_not_processed	(Optional) Accounting: Responses not processed
acct_resp_error	(Optional) Accounting: Responses containing errors

Command Mode

- /exec

show license

show license [__readonly__ { [<lic_file_name> <lic_file_contents>] + }]

Syntax Description

show	Show running system information
license	show the contents of all the license files
__readonly__	(Optional) Read only
lic_file_name	(Optional) Name of the license file
lic_file_contents	(Optional) License file contents

Command Mode

- /exec

show license brief

show license brief [__readonly__ { [<lic_file_name>] + }]

Syntax Description

show	Show running system information
license	show the contents of all the license files
brief	Show a list of license files
__readonly__	(Optional) Read only
lic_file_name	(Optional) Name of the license file

Command Mode

- /exec

show license file

show license file <license-file> [__readonly__ { [<lic_file_contents>] + }]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
file	Show contents of a license file
license-file	Show the contents of license file __nil__ Please install a license before using this command.
__readonly__	(Optional) Read only
lic_file_contents	(Optional) License file contents

Command Mode

- /exec

show license host-id

show license host-id [__readonly__ { <host_id> }]

Syntax Description

show	Show running system information
license	show the contents of all the license files
host-id	Show unique id for this host for licensing
__readonly__	(Optional) Read only
host_id	(Optional) unique id for this host for licensing

Command Mode

- /exec

show license reserved

show license reserved

Syntax Description

show	show commands
license	Display licensing information
reserved	Display reserved licenses information

Command Mode

- /exec

show license usage

show license usage [{ detail | <license-feature> }] [__readonly__ { TABLE_show_lic_usage <feature_name> <lic_installed> <count> <status> <expiry_date> <comments> } <application_name>]

Syntax Description

show	Show running system information
license	show the contents of all the license files
usage	Show license usage table
detail	(Optional) Show license usage table
license-feature	(Optional) Show services using license
__readonly__	(Optional) Read only
TABLE_show_lic_usage	(Optional) License usage
feature_name	(Optional) Name of the feature
lic_installed	(Optional) Is the license installed?
count	(Optional) License count
status	(Optional) License status
expiry_date	(Optional) Expiry date of the license
comments	(Optional) License comments
application_name	(Optional) Name of the application using the license

Command Mode

- /exec

show line

show line [__readonly__ <speed> <databits> <stopbits> <parity> <modem_in> <modem_init_str> <stat> [TABLE_ps_output <ps>] [<speed_aux> <databits_aux> <stopbits_aux> <parity_aux> <modem_in_aux> <modem_init_str_aux> <hw_fc_aux> <stat_aux> [TABLE_ps_output_aux <ps_aux>]]]

Syntax Description

show	Show running system information
line	Show the line configuration
__readonly__	(Optional)
TABLE_ps_output	(Optional) Process info for console login
TABLE_ps_output_aux	(Optional) Process info for com1 login
speed	(Optional) Port speed(baud)
databits	(Optional) Bits per byte
stopbits	(Optional) Bits
parity	(Optional) Parity
modem_in	(Optional) Modem In
modem_init_str	(Optional) Modem Init-String
stat	(Optional) Statistics
ps	(Optional) Login process
speed_aux	(Optional) Port speed(baud)
databits_aux	(Optional) Bits per byte
stopbits_aux	(Optional) Bits
parity_aux	(Optional) Parity
modem_in_aux	(Optional) Modem In
modem_init_str_aux	(Optional) Modem Init-String
hw_fc_aux	(Optional) Hardware Flowcontrol
stat_aux	(Optional) Statistics
ps_aux	(Optional) Login process

Command Mode

- /exec

show line console

show line console [__readonly__ <speed> <databits> <stopbits> <parity> <modem_in> <modem_init_str> <stat> [TABLE_ps_output <ps>]]

Syntax Description

show	Show running system information
line	Show the line configuration
console	Show console line configurations
__readonly__	(Optional)
TABLE_ps_output	(Optional) Process info for console login
speed	(Optional) Port speed(baud)
databits	(Optional) Bits per byte
stopbits	(Optional) Bits
parity	(Optional) Parity
modem_in	(Optional) Modem In
modem_init_str	(Optional) Modem Init-String
stat	(Optional) Statistics
ps	(Optional) Login process

Command Mode

- /exec

show line console connected

show line console connected [__readonly__ <output>]

Syntax Description

show	Show running system information
line	Show the line configuration
console	Show console line configurations
connected	Show whether the line is currently connected physically
__readonly__	(Optional)
output	(Optional) output string

Command Mode

- /exec

show line console user-input-string

show line console user-input-string [__readonly__ <input>]

Syntax Description

show	Show running system information
line	Show the line configuration
console	Show console line configurations
user-input-string	Show user-input init string
__readonly__	(Optional)
input	(Optional) user input string

Command Mode

- /exec

show lisp ddt

show lisp ddt [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
ddt	LISP Delegated Database Tree (LISP-DDT)
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp ddt queue

show lisp ddt queue [[instance-id <iid>] { <eid> | <eid6> }] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
ddt	LISP Delegated Database Tree (LISP-DDT)
queue	Display LISP-DDT Map-Request queue in Map-Resolver
instance-id	(Optional) Show instance-ID summary display
iid	(Optional) Instance-ID for EID-prefix
eid	(Optional) IPv4 EID address
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp ddt referral-cache

{ show lisp ddt referral-cache [[instance-id <iid>] { <eid> | <eid6> }] [vrf { <vrf-name> | <vrf-known-name> }] } | { show lisp ddt referral-cache { ms-ack | ms-referral | node-referral | ms-not-registered | delegation-hole | not-authoritative } [vrf { <vrf-name> | <vrf-known-name> }] }

Syntax Description

show	Show running system information
lisp	LISP show commands
ddt	LISP Delegated Database Tree (LISP-DDT)
referral-cache	Display LISP-DDT referral cache
instance-id	(Optional) Show instance-ID summary display
iid	(Optional) Instance-ID for EID-prefix
eid	(Optional) IPv4 EID address
ms-ack	Referral cache entries to map-servers
ms-referral	Referral cache entries from parent of map-servers
node-referral	Referral cache entries from parent of DDT-nodes
ms-not-registered	Referral cache entries from map-servers
delegation-hole	Referral cache entries from any DDT-node
not-authoritative	Referral cache entries from any DDT-node
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp dynamic-eid

{ show lisp dynamic-eid { summary | { [<dyn-eid-name>] [detail] } } [vrf { <vrf-name> | <vrf-known-name> }] }

Syntax Description

show	Show running system information
lisp	LISP show commands
dynamic-eid	Display dynamic-EIDs configured and discovered
summary	One-line summary display of discovered dynamic-EIDs
dyn-eid-name	(Optional) Display a single dynamic-EID
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
detail	(Optional) Display discovered dynamic-EIDs

Command Mode

- /exec

show lisp elp

show lisp elp [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
elp	Display LISP Explicit Locator Paths configured
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp negative-prefix

show lisp negative-prefix { <eid> | <eid6> } [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
negative-prefix	Compute negative-prefix for hole in EID space
eid	IPv4 EID address
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp proxy-itr

show lisp proxy-itr [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
proxy-itr	Display discovered proyx-ITRs (PITRs)
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp site

{ show lisp site [{ { <eid> | <eid6> } [instance-id <iid>] } | { { <eid-prefix> | <eid-prefix6> } [instance-id <iid>] } | <site-name>] [detail] [vrf { <vrf-name> | <vrf-known-name> }] }

Syntax Description

show	Show running system information
lisp	LISP show commands
site	Display Map-Server site EID-prefixes configured
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
eid	(Optional) Display mapping for IP destination EID
eid-prefix	(Optional) Display exact match for IP EID-prefix entry
instance-id	(Optional) Instance EID-prefix registered in
iid	(Optional) Instance-ID value
site-name	(Optional) Display a single site
detail	(Optional) Display allowed registered locator sources

Command Mode

- /exec

show lisp site instance-id

{ show lisp site instance-id [<iid>] [vrf { <vrf-name> | <vrf-known-name> }] }

Syntax Description

show	Show running system information
lisp	LISP show commands
site	Display Map-Server site EID-prefixes configured
instance-id	Show instance-ID summary display
iid	(Optional) Show detail for entries of a single Instance-ID
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp smr

show lisp smr [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
smr	Display SMR state for dynamic-EIDs
vrf	(Optional) Display information for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lisp stats-cache

show lisp stats-cache [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

show	Show running system information
lisp	LISP show commands
stats-cache	Show dynamic statistics cache
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show lldp all

show lldp all [__readonly__ TABLE_lldp_all <intf_desc> <lldp_tx> <lldp_rx> <lldp_dcbx>]

Syntax Description

show	Show running system information
lldp	Show lldp Protocol information
all	Show all interfaces in lldp database
__readonly__	(Optional) Read only
TABLE_lldp_all	(Optional) output of show lldp all
intf_desc	(Optional) Interface desc
lldp_tx	(Optional) lldp tx status
lldp_rx	(Optional) lldp rx status
lldp_dcbx	(Optional) lldp dcbx status

Command Mode

- /exec

show lldp dcbx interface

show lldp dcbx interface <if0> [__readonly__ <interface> [<l_op_ver> <l_max_ver> <l_seq_no> <l_ack_no> [<l_feature> <l_cfg_len> <l_cfg>] +] [<p_op_ver> <p_max_ver> <p_seq_no> <p_ack_no> [<p_tlv_type> <p_tlv_len> <p_tlv_value>] +]]

Syntax Description

show	Show running system information
lldp	Show information about lldp
dcbx	Show dcbx information
interface	Show lldp interface information
if0	Enter interface
__readonly__	(Optional)
interface	(Optional) Interface ID
l_op_ver	(Optional) local dcbx control operation version
l_max_ver	(Optional) local dcbx control maximum version
l_seq_no	(Optional) local dcbx control seq no
l_ack_no	(Optional) local dcbx control ack no
l_feature	(Optional) local feature
l_cfg_len	(Optional) local feature config length
l_cfg	(Optional) local feature config
p_op_ver	(Optional) peer dcbx control operation version
p_max_ver	(Optional) peer dcbx control maximum version
p_seq_no	(Optional) peer dcbx control seq no
p_ack_no	(Optional) peer dcbx control ack no
p_tlv_type	(Optional) peer TLV type field
p_tlv_len	(Optional) peer TLV len field
p_tlv_value	(Optional) peer TLV value field

Command Mode

- /exec

show lldp entry

show lldp entry [<sys-name>] [__readonly__ { <neigh_hdr> } { TABLE_entry <chassis_type> <chassis_id> <port_type> <port_id> <l_port_id> <port_desc> <sys_name> <sys_desc> <ttl> <capability> <mgmt_addr_type> <mgmt_addr> <mgmt_addr_ipv6_type> <mgmt_addr_ipv6> <vlan_id> } { <neigh_count> }]

Syntax Description

show	Show running system information
lldp	Show information about lldp
entry	Show lldp entry information
sys-name	(Optional) WORD Peer's System name
__readonly__	(Optional)
neigh_hdr	(Optional)
TABLE_entry	(Optional) Table Entry
chassis_type	(Optional) Chassis ID type
chassis_id	(Optional) Chassis ID
port_type	(Optional) Port ID type
port_id	(Optional) Port ID
l_port_id	(Optional) Port ID
port_desc	(Optional) Port description
sys_name	(Optional) System name
sys_desc	(Optional) System description
ttl	(Optional) Time to live
capability	(Optional) Capability
mgmt_addr_type	(Optional) Management Address type
mgmt_addr	(Optional) Management Address
mgmt_addr_ipv6_type	(Optional) IPV6 Management Address type
mgmt_addr_ipv6	(Optional) IPV6 Management Address
vlan_id	(Optional) Vlan ID
neigh_count	(Optional)

Command Mode

- /exec

show lldp interface

show lldp interface <if0> [__readonly__ <interface> <tx_en> <rx_en> <dcbx_en> <port_mac> [<tlv_type> <tlv_len> <tlv_value>] + [<l_op_ver> <l_max_ver> <l_seq_no> <l_ack_no> [<l_feature> <l_cfg_len> <l_cfg>] +] [<p_op_ver> <p_max_ver> <p_seq_no> <p_ack_no> [<p_tlv_type> <p_tlv_len> <p_tlv_value>] +]]

Syntax Description

show	Show running system information
lldp	Show information about lldp
interface	Show lldp interface information
if0	Enter interface
__readonly__	(Optional)
interface	(Optional) Interface ID
tx_en	(Optional) tx enable
rx_en	(Optional) rx enable
dcbx_en	(Optional) dcbx enable
port_mac	(Optional) Port mac address
tlv_type	(Optional) TLV type field
tlv_len	(Optional) TLV len field
tlv_value	(Optional) TLV value field
l_op_ver	(Optional) local dcbx control operation version
l_max_ver	(Optional) local dcbx control maximum version
l_seq_no	(Optional) local dcbx control seq no
l_ack_no	(Optional) local dcbx control ack no
l_feature	(Optional) local feature
l_cfg_len	(Optional) local feature config length
l_cfg	(Optional) local feature config
p_op_ver	(Optional) peer dcbx control operation version
p_max_ver	(Optional) peer dcbx control maximum version
p_seq_no	(Optional) peer dcbx control seq no

p_ack_no	(Optional) peer dcbx control ack no
p_tlv_type	(Optional) peer TLV type field
p_tlv_len	(Optional) peer TLV len field
p_tlv_value	(Optional) peer TLV value field

Command Mode

- /exec

show lldp neighbors

show lldp neighbors [interface <if>] [__readonly__ { <neigh_hdr> } { TABLE_nbor <chassis_type> <chassis_id> <l_port_id> <ttl> <capability> <system_capability> <enabled_capability> <port_type> <port_id> <mgmt_addr_type> <mgmt_addr> <mgmt_addr_ipv6_type> <mgmt_addr_ipv6> } { <neigh_count> }]

Syntax Description

show	Show running system information
lldp	Show information about lldp
neighbors	Show lldp neighbor information
interface	(Optional) Show lldp neighbor information on an interface
if	(Optional) Enter interface
__readonly__	(Optional)
neigh_hdr	(Optional)
TABLE_nbor	(Optional) Neighbor Table
chassis_type	(Optional) Chassis ID type
chassis_id	(Optional) Chassis ID
l_port_id	(Optional) Local port ID
ttl	(Optional) Time to live
capability	(Optional) Capability
system_capability	(Optional) System Capability
enabled_capability	(Optional) Enabled Capability
port_type	(Optional) Port ID type
port_id	(Optional) Port ID
mgmt_addr_type	(Optional) Management Address type
mgmt_addr	(Optional) Management Address
mgmt_addr_ipv6_type	(Optional) IPV6 Management Address type
mgmt_addr_ipv6	(Optional) IPV6 Management Address
neigh_count	(Optional)

Command Mode

- /exec

show lldp neighbors detail

show lldp neighbors [interface <if>] detail [__readonly__ { <neigh_hdr> } { TABLE_nbor_detail <chassis_type> <chassis_id> <port_type> <port_id> <l_port_id> <port_desc> <sys_name> <sys_desc> <ttl> <capability> <system_capability> <enabled_capability> <mgmt_addr_type> <mgmt_addr> <mgmt_addr_ipv6_type> <mgmt_addr_ipv6> <vlan_id> <invalid_vlan_id> } { <neigh_count> }]

Syntax Description

show	Show running system information
lldp	Show information about lldp
neighbors	Show lldp neighbor information
interface	(Optional) Show lldp neighbor information on an interface
if	(Optional) Enter interface
detail	Show lldp neighbor detail information
__readonly__	(Optional)
neigh_hdr	(Optional)
TABLE_nbor_detail	(Optional) Neighbor detail Table
chassis_type	(Optional) Chassis ID type
chassis_id	(Optional) Chassis ID
port_type	(Optional) Port ID type
port_id	(Optional) Port ID
l_port_id	(Optional) Port ID
port_desc	(Optional) Port description
sys_name	(Optional) System name
sys_desc	(Optional) System description
ttl	(Optional) Time to live
capability	(Optional) Capability
system_capability	(Optional) System Capability
enabled_capability	(Optional) Enabled Capability
mgmt_addr_type	(Optional) Management Address type
mgmt_addr	(Optional) Management Address

mgmt_addr_ipv6_type	(Optional) IPV6 Management Address type
mgmt_addr_ipv6	(Optional) IPV6 Management Address
vlan_id	(Optional) Vlan ID
invalid_vlan_id	(Optional) Invalid Vlan ID
neigh_count	(Optional)

Command Mode

- /exec

show lldp neighbors system-detail

show lldp neighbors [interface <if>] system-detail [__readonly__ { <neigh_hdr> } { TABLE_nbor_sys_detail <sys_type> <sys_name> <l_port_id> <chassis_type> <chassis_id> <port_type> <port_id> <ttl> <capability> <mgmt_addr_type> <mgmt_addr> } { <neigh_count> }]

Syntax Description

show	Show running system information
lldp	Show information about lldp
neighbors	Show lldp neighbor information
interface	(Optional) Show lldp neighbor information on an interface
if	(Optional) Enter interface
system-detail	Show lldp neighbor system detail information
__readonly__	(Optional)
neigh_hdr	(Optional)
TABLE_nbor_sys_detail	(Optional) Neighbor sys-detail Table
sys_type	(Optional) System Type
sys_name	(Optional) System Name
l_port_id	(Optional) Local port ID
chassis_type	(Optional) Chassis ID type
chassis_id	(Optional) Chassis ID
port_type	(Optional) Port ID type
port_id	(Optional) Port ID
ttl	(Optional) Time to live
capability	(Optional) Capability
mgmt_addr_type	(Optional) Management Address type
mgmt_addr	(Optional) Management Address
neigh_count	(Optional)

Command Mode

- /exec

show lldp portid-subtype

show lldp portid-subtype [__readonly__ <portid_subtype>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
portid-subtype	Show lldp portid-subtype
__readonly__	(Optional)
portid_subtype	(Optional) portid-subtype for LLDP TLV and MIBs

Command Mode

- /exec

show lldp timers

show lldp timers [__readonly__ <ttl> <reinit> <tx_interval> <tx_delay> <hold_mplier> <notification_interval>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
timers	Show lldp timers
__readonly__	(Optional)
ttl	(Optional) Time to Live for lldp info
reinit	(Optional) Interface reinit timer
tx_interval	(Optional) Wait interval between successive transmit
tx_delay	(Optional) Delay between successive frame transmissions
hold_mplier	(Optional) Hold multiplier for ttl
notification_interval	(Optional) Notification interval for SNMP trap

Command Mode

- /exec

show lldp tlv-select

show lldp tlv-select [__readonly__ <management-address-v4> <management-address-v6> <port-description> <port-vlan> <power-management> <system-capabilities> <system-description> <system-name> <dcbxp>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
tlv-select	Show lldp tlv-select
__readonly__	(Optional)
management-address-v4	(Optional) Management address v4
management-address-v6	(Optional) Management address v6
port-description	(Optional) Port description
port-vlan	(Optional) Port vlan
power-management	(Optional) IEEE 802.3 DTE Power via MDI TLV
system-capabilities	(Optional) System capabilities
system-description	(Optional) System description
system-name	(Optional) System name
dcbxp	(Optional) DCBXP

Command Mode

- /exec

show lldp traffic

show lldp traffic [__readonly__ <tx_cnt> <aged_cnt> <rx_cnt> <rx_err> <disc_cnt> <unrecognized_tlv>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
traffic	Show lldp counters
__readonly__	(Optional)
tx_cnt	(Optional) Transmit count
aged_cnt	(Optional) Aged out count
rx_cnt	(Optional) Received count
rx_err	(Optional) Received error count
disc_cnt	(Optional) Disconnect count
unrecognized_tlv	(Optional) Unrecognized TLV count

Command Mode

- /exec

show lldp traffic interface

show lldp traffic interface <if> [__readonly__ <interface> <tx_cnt> <aged_cnt> <rx_cnt> <rx_err> <disc_cnt> <unrecognized_tlv>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
traffic	Show lldp counters
interface	Show lldp traffic counters on an interface
if	Enter interface
__readonly__	(Optional)
interface	(Optional) Interface ID
tx_cnt	(Optional) Transmit count
aged_cnt	(Optional) Aged out count
rx_cnt	(Optional) Received count
rx_err	(Optional) Received error count
disc_cnt	(Optional) Disconnect count
unrecognized_tlv	(Optional) Unrecognized TLV count

Command Mode

- /exec

show locator-led status

show locator-led status [__readonly__ { TABLE_loc_led_stat <component> <status> }]

Syntax Description

show	Show running system information
locator-led	blink locator led on device
status	status
__readonly__	(Optional)
TABLE_loc_led_stat	(Optional)
component	(Optional)
status	(Optional)

Command Mode

- /exec

show logging

show logging

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile

Command Mode

- /exec

show logging console

show logging console

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
console	Show console logging configuration

Command Mode

- /exec

show logging info

show logging info [__readonly__ { <console_status> [<console_severity>] } { <monitor_status> [<monitor_severity>] } { <linecard_status> [<linecard_severity>] } { <log_timestamp> } [{ <source_interface_status> } [<source_interface_intf> | <source_interface_intf_index><source_interface_error>]] { <server_status> [{ TABLE_logserver <server><forwarding><severity><facility><vrf><port> }] } { { <origin_id_status> } [<origin_id>] } [[<logflash_status>] [<logflash_severity>]] { <logfile_status> [<logfile_name><logfile_severity><logfile_size>] } { { TABLE_facility <fac_name><def_level><cur_level> } { <fac_info> } }]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
info	Show logging configuration
__readonly__	(Optional)
console_status	(Optional) console logging status
console_severity	(Optional) console logging level
monitor_status	(Optional) monitor logging status
monitor_severity	(Optional) monitor logging level
linecard_status	(Optional) linecard logging status
linecard_severity	(Optional) linecard logging level
log_timestamp	(Optional) timestamp unit
source_interface_status	(Optional) source-interface logging status
source_interface_intf	(Optional) source-interface interface
server_status	(Optional) logging server status
TABLE_logserver	(Optional) output of show logging server
origin_id_status	(Optional) origin-id status
origin_id	(Optional) origin-id
logflash_status	(Optional) logflash status
logflash_severity	(Optional) logflash level
logfile_status	(Optional) logfile status
TABLE_facility	(Optional) output of show logging level(facility)
fac_info	(Optional) level info

Command Mode

- /exec

show logging last

show logging last <i0>

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
last	Show last few lines of logfile
i0	Enter number of lines to display

Command Mode

- /exec

show logging level

show logging level [{ auth | authpriv | cron | daemon | ftp | kernel | local0 | local1 | local2 | local3 | local4 | local5 | local6 | local7 | lpr | mail | news | syslog | user | uucp }] [__readonly__ { TABLE_facility <fac_name> <def_level> <cur_level> }]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
auth	(Optional) Show Authorization System logging configuration
authpriv	(Optional) Show Authorization (Private) logging configuration
cron	(Optional) Show Cron/at facility logging configuration
daemon	(Optional) Show System daemons logging configuration
ftp	(Optional) Show File Transfer System logging configuration
kernel	(Optional) Show kernel logging configuration
local0	(Optional) Show Local use daemons logging configuration
local1	(Optional) Show Local use daemons logging configuration
local2	(Optional) Show Local use daemons logging configuration
local3	(Optional) Show Local use daemons logging configuration
local4	(Optional) Show Local use daemons logging configuration
local5	(Optional) Show Local use daemons logging configuration
local6	(Optional) Show Local use daemons logging configuration
local7	(Optional) Show Local use daemons logging configuration
lpr	(Optional) Show Line Printer System logging configuration
mail	(Optional) Show Mail System logging configuration
news	(Optional) Show USENET news logging configuration
syslog	(Optional) Show Internal Syslog Messages logging configuration
user	(Optional) Show user process logging configuration
uucp	(Optional) Show Unix-to-Unix copy system logging configuration
__readonly__	(Optional)

fac_name	(Optional) facility names
TABLE_facility	(Optional)
def_level	(Optional) default severity
cur_level	(Optional) current severity

Command Mode

- /exec

show logging level aaa

show logging level aaa

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
aaa	Show aaa logging configuration

Command Mode

- /exec

show logging level aclmgr

show logging level aclmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
aclmgr	Show aclmgr logging configuration

Command Mode

- /exec

show logging level adbm

show logging level adbm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
adbm	Show adbm logging configuration

Command Mode

- /exec

show logging level adjmgr

show logging level adjmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
adjmgr	Show adjmgr logging configuration

Command Mode

- /exec

show logging level amt

show logging level amt

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
amt	Show amt logging configuration

Command Mode

- /exec

show logging level arp

show logging level arp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
arp	Show arp logging configuration

Command Mode

- /exec

show logging level ascii-cfg

show logging level ascii-cfg

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ascii-cfg	Show ascii-cfg logging configuration

Command Mode

- /exec

show logging level bfd

show logging level bfd

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
bfd	Show bfd logging configuration

Command Mode

- /exec

show logging level bgp

show logging level bgp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
bgp	Show BGP logging configuration

Command Mode

- /exec

show logging level bloggerd

show logging level bloggerd

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
bloggerd	Show BloggerD logging configuration

Command Mode

- /exec

show logging level bootvar

show logging level bootvar

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
bootvar	Show bootvar logging configuration

Command Mode

- /exec

show logging level callhome

show logging level callhome

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
callhome	Show callhome logging configuration

Command Mode

- /exec

show logging level capability

show logging level capability

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
capability	Show capability logging configuration

Command Mode

- /exec

show logging level catena

show logging level catena

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
catena	Show catena logging configuration

Command Mode

- /exec

show logging level cdp

show logging level cdp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
cdp	Show CDP logging configuration

Command Mode

- /exec

show logging level cert-enroll

show logging level cert-enroll

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
cert-enroll	Show Cert-enroll logging configuration

Command Mode

- /exec

show logging level cert_enroll

show logging level cert_enroll

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
cert_enroll	Show Cert-enroll logging configuration

Command Mode

- /exec

show logging level cfs

show logging level cfs

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration

Command Mode

- /exec

show logging level clis

show logging level clis

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
clis	Show CLIS logging configuration

Command Mode

- /exec

show logging level clk_mgr

show logging level clk_mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
clk_mgr	Show clock manager logging configuration

Command Mode

- /exec

show logging level confcheck

show logging level confcheck

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
confcheck	Show confcheck logging configuration

Command Mode

- /exec

show logging level copp

show logging level copp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
copp	Show copp logging configuration

Command Mode

- /exec

show logging level core

show logging level core

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
core	Show core daemon logging configuration

Command Mode

- /exec

show logging level cts

show logging level cts

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
cts	Show cts logging configuration

Command Mode

- /exec

show logging level dhcp_snoop

show logging level dhcp_snoop

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
dhcp_snoop	Show DHCP snoop logging configuration

Command Mode

- /exec

show logging level diagnostic device_test

show logging level diagnostic device_test

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
diagnostic	Diagnostic commands
device_test	Show device_test logging configuration

Command Mode

- /exec

show logging level diagnostic diagclient

show logging level diagnostic diagclient

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
diagnostic	Diagnostic commands
diagclient	Show diagclient logging configuration

Command Mode

- /exec

show logging level diagnostic diagmgr

show logging level diagnostic diagmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
diagnostic	Diagnostic commands
diagmgr	Show diagmgr logging configuration

Command Mode

- /exec

show logging level dot1x

show logging level dot1x

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
dot1x	Show dot1x logging configuration

Command Mode

- /exec

show logging level ecp

show logging level ecp

Syntax Description

show	Show running system information
logging	Modify message logging facilities
level	Facility parameter for syslog messages
ecp	Set syslog filter level for ECP

Command Mode

- /exec

show logging level eigrp

show logging level eigrp [<eigrp-ptag>]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
eigrp	Show EIGRP logging configuration
eigrp-ptag	(Optional) Process tag

Command Mode

- /exec

show logging level eltm

show logging level eltm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
eltm	Show eltm logging configuration

Command Mode

- /exec

show logging level ethdstats

show logging level ethdstats

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ethdstats	Show delta statistics logging configuration

Command Mode

- /exec

show logging level ethpm

show logging level ethpm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ethpm	Show ethpm logging configuration

Command Mode

- /exec

show logging level evb

show logging level evb

Syntax Description

show	Show running system information
logging	Modify message logging facilities
level	Facility parameter for syslog messages
evb	Set syslog filter level for EVB

Command Mode

- /exec

show logging level evmc

show logging level evmc

Syntax Description

show	Show running system information
logging	Show message logging facilities
level	Show facility logging configuration
evmc	Show level for evmc syslog messages

Command Mode

- /exec

show logging level evmed

show logging level evmed

Syntax Description

show	Show running system information
logging	Show message logging facilities
level	Show facility logging configuration
evmed	Show level for evmed syslog messages

Command Mode

- /exec

show logging level evms

show logging level evms

Syntax Description

show	Show running system information
logging	Show message logging facilities
level	Show facility logging configuration
evms	Show level for evms syslog messages

Command Mode

- /exec

show logging level fabric forwarding

show logging level fabric forwarding

Syntax Description

show	Show running system information
logging	Modify message logging facilities
level	Facility parameter for syslog messages
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)

Command Mode

- /exec

show logging level feature-mgr

show logging level feature-mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
feature-mgr	Show feature manager logging configuration

Command Mode

- /exec

show logging level fs-daemon

show logging level fs-daemon

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
fs-daemon	Show fs-daemon logging configuration

Command Mode

- /exec

show logging level glbp

show logging level glbp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
glbp	Show glbp logging settings

Command Mode

- /exec

show logging level gpixm

show logging level gpixm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
gpixm	Show global-pixm logging configuration

Command Mode

- /exec

show logging level hsrp

show logging level hsrp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
hsrp	Show HSRP logging configuration

Command Mode

- /exec

show logging level icam

show logging level icam

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
icam	Show icam logging configuration

Command Mode

- /exec

show logging level im

show logging level im

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
im	Show im logging configuration

Command Mode

- /exec

show logging level imp

show logging level imp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
imp	Show imp logging configuration

Command Mode

- /exec

show logging level interface-vlan

show logging level interface-vlan

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
interface-vlan	Show interface-vlan logging configuration

Command Mode

- /exec

show logging level ip igmp

show logging level ip igmp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ip	Display IP information
igmp	Show igmp logging configuration

Command Mode

- /exec

show logging level ip msdp

show logging level ip msdp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ip	Display IP information
msdp	Show msdp logging configuration

Command Mode

- /exec

show logging level ip sla responder

show logging level ip sla responder

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ip	
sla	Service Level Agreement (SLA)
responder	Show sla-responder logging configuration

Command Mode

- /exec

show logging level ip sla sender

show logging level ip sla sender

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ip	
sla	Service Level Agreement (SLA)
sender	Show sla-sender logging configuration

Command Mode

- /exec

show logging level ipconf

show logging level ipconf [ipv6]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ipconf	Show ipconf logging configuration
ipv6	(Optional) Show ipv6 Conf logging configuration

Command Mode

- /exec

show logging level ipfib

show logging level ipfib

Syntax Description

show	show
logging	logging
level	level
ipfib	ipfib

Command Mode

- /exec

show logging level ipqos

show logging level ipqos

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration

Command Mode

- /exec

show logging level ipv6 icmp

show logging level ipv6 icmp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ipv6	Configure IPv6 features
icmp	Show icmpv6 logging configuration

Command Mode

- /exec

show logging level iscm

show logging level iscm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
iscm	Show iscm logging configuration

Command Mode

- /exec

show logging level iscm

show logging level iscm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
iscm	Show iscm logging configuration

Command Mode

- /exec

show logging level isis

show logging level isis

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
isis	Show ISIS logging configuration

Command Mode

- /exec

show logging level keystore

show logging level { keystore | sksd }

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
keystore	Show Keystore logging configuration
sksd	show Keystore/sksd logging configuration

Command Mode

- /exec

show logging level l2fm

show logging level l2fm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
l2fm	Show l2fm logging configuration

Command Mode

- /exec

show logging level l3vm

show logging level l3vm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
l3vm	Show L3VM logging configuration

Command Mode

- /exec

show logging level lacp

show logging level lacp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
lacp	Show lacp logging configuration

Command Mode

- /exec

show logging level ldap

show logging level ldap

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ldap	Show ldap logging configuration

Command Mode

- /exec

show logging level license

show logging level { license | licmgr }

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
license	Show Licensing logging configuration
licmgr	Show Licensing logging configuration

Command Mode

- /exec

show logging level lim

show logging level lim

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
lim	Show lim logging configuration

Command Mode

- /exec

show logging level lisp

show logging level lisp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
lisp	Show lisp logging configuration

Command Mode

- /exec

show logging level lldp

show logging level lldp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
lldp	Show LLDP logging configuration

Command Mode

- /exec

show logging level mmode

show logging level mmode

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
mmode	Show maintenance mode logging configuration

Command Mode

- /exec

show logging level module

show logging level module

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
module	Show module(linecard) manager logging configuration

Command Mode

- /exec

show logging level monitor

show logging level monitor

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
monitor	Show monitor logging configuration

Command Mode

- /exec

show logging level mpls ldp

show logging level mpls ldp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
mpls	Display MPLS status and configuration
ldp	Show LDP logging configuration

Command Mode

- /exec

show logging level mpls manager

show logging level mpls manager

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
mpls	Show MPLS logging configuration
manager	Show MPLS manager logging configuration

Command Mode

- /exec

show logging level mpls switching

show logging level mpls switching

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
mpls	Show MPLS logging configuration
switching	Show mpls switching logging configuration

Command Mode

- /exec

show logging level mpls traffic-eng

show logging level mpls traffic-eng

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
mpls	Display MPLS status and configuration
traffic-eng	Show Traffic Engineering logging configuration

Command Mode

- /exec

show logging level mvsh

show logging level mvsh

Syntax Description

show	Show commands
logging	Show message logging facilities
level	Show message logging facilities
mvsh	Show level for mvsh syslog messages

Command Mode

- /exec

show logging level nat

show logging level nat

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
nat	Show NAT logging configurarion

Command Mode

- /exec

show logging level nbm

show logging level nbm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
nbm	Show Non Blocking Multicast logging configuration

Command Mode

- /exec

show logging level netstack

show logging level netstack

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
netstack	Show netstack logging configuration

Command Mode

- /exec

show logging level nfm

show logging level nfm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
nfm	Show NFM logging configuration

Command Mode

- /exec

show logging level ngoam

show logging level ngoam

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ngoam	Show ngoam logging level

Command Mode

- /exec

show logging level ntp

show logging level ntp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ntp	Show NTP logging settings.

Command Mode

- /exec

show logging level nve

show logging level nve

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
nve	Show NVE logging configuration

Command Mode

- /exec

show logging level nxsdk

show logging level nxsdk

Syntax Description

show	Show running system information
logging	Modify message logging facilities
level	Facility parameter for syslog messages
nxsdk	NXOS SDK

Command Mode

- /exec

show logging level onep

show logging level onep

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
onep	One Platform

Command Mode

- /exec

show logging level openflow

show logging level openflow

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
openflow	Show OpenFlow agent logging configuration

Command Mode

- /exec

show logging level ospf

show logging level ospf

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ospf	Show OSPF logging configuration

Command Mode

- /exec

show logging level ospfv3

show logging level ospfv3

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ospfv3	Display OSPFv3 status and configuration

Command Mode

- /exec

show logging level otv

show logging level otv

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
otv	Show OTV logging configuration

Command Mode

- /exec

show logging level otv isis

show logging level otv isis

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
otv	Show OTV ISIS logging configuration
isis	Show OTV ISIS logging configuration

Command Mode

- /exec

show logging level pfstat

show logging level pfstat

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
pfstat	Show pfstat logging configuration

Command Mode

- /exec

show logging level pim

show logging level [ipv6] pim

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ipv6	(Optional) Display IPv6 information
pim	Show pim6 logging configuration

Command Mode

- /exec

show logging level pim

show logging level [ip] pim

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ip	(Optional) Display IP information
pim	Show pim logging configuration

Command Mode

- /exec

show logging level pixm

show logging level pixm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
pixm	Show vdc-local-pixm logging configuration

Command Mode

- /exec

show logging level pktmgr

show logging level pktmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
pktmgr	Show pktmgr logging configuration

Command Mode

- /exec

show logging level platform

show logging level platform

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
platform	Show platform logging configuration

Command Mode

- /exec

show logging level plbm

show logging level plbm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
plbm	Show plbm logging configuration

Command Mode

- /exec

show logging level plcmgr

show logging level plcmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration

Command Mode

- /exec

show logging level pltfm_config

show logging level pltfm_config

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
pltfm_config	Show pltfm_config logging configuration

Command Mode

- /exec

show logging level plugin

show logging level plugin

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
plugin	Show plugin logging configuration

Command Mode

- /exec

show logging level poap

show logging level poap

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
poap	Show poap logging configuration

Command Mode

- /exec

show logging level poed

show logging level poed

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
poed	Show PoE Daemon Logging Configuration

Command Mode

- /exec

show logging level port-profile

show logging level port-profile

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
port-profile	Show syslog level for port-profile

Command Mode

- /exec

show logging level port-security

show logging level port-security

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
port-security	Show port-security logging configuration

Command Mode

- /exec

show logging level private-vlan

show logging level private-vlan

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
private-vlan	Show interface-vlan logging configuration

Command Mode

- /exec

show logging level ptp

show logging level ptp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ptp	Show ptp logging configuration

Command Mode

- /exec

show logging level radius

show logging level radius

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
radius	Show radius logging configuration

Command Mode

- /exec

show logging level res_mgr

show logging level res_mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
res_mgr	Show res_mgr logging configuration

Command Mode

- /exec

show logging level rip

show logging level rip

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
rip	Show RIP logging configuration

Command Mode

- /exec

show logging level rpm

show logging level rpm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
rpm	Show RPM logging configuration

Command Mode

- /exec

show logging level rsvp

show logging level rsvp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
rsvp	Show RSVP logging configuration

Command Mode

- /exec

show logging level scheduler

show logging level scheduler

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
scheduler	Show scheduler logging configuration

Command Mode

- /exec

show logging level security

show logging level security

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
security	Show security logging configuration

Command Mode

- /exec

show logging level session-mgr

show logging level session-mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
session-mgr	Show session-mgr logging configurarion

Command Mode

- /exec

show logging level sflow

show logging level sflow

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
sflow	Show sFlow logging configuration

Command Mode

- /exec

show logging level smartc

show logging level smartc

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
smartc	Show smartc logging configuration

Command Mode

- /exec

show logging level smm

show logging level smm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
smm	Show Shared Memory Manager logging configuration

Command Mode

- /exec

show logging level snmpd

show logging level snmpd

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
snmpd	Show SNMP logging configuration

Command Mode

- /exec

show logging level snmpmib_proc

show logging level snmpmib_proc

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
snmpmib_proc	Show snmpmib_proc logging configuration

Command Mode

- /exec

show logging level spanning-tree

show logging level spanning-tree

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
spanning-tree	Show spanning-tree logging configuration

Command Mode

- /exec

show logging level stripcl

show logging level stripcl

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
stripcl	Show stripcl logging configuration

Command Mode

- /exec

show logging level sysmgr

show logging level sysmgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
sysmgr	Show sysmgr logging configuration

Command Mode

- /exec

show logging level tacacs

show logging level tacacs

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
tacacs	Show tacacs+ logging configuration

Command Mode

- /exec

show logging level telemetry

show logging level telemetry

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
telemetry	Show telemetry logging level

Command Mode

- /exec

show logging level track

show logging level track

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
track	Show track logging configuration

Command Mode

- /exec

show logging level tunnel

show logging level tunnel

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
tunnel	Show tunnel logging settings

Command Mode

- /exec

show logging level u6rib

show logging level u6rib

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
u6rib	Show U6RIB logging configuration

Command Mode

- /exec

show logging level udld

show logging level udld

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
udld	Show udld logging configuration

Command Mode

- /exec

show logging level urib

show logging level urib

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
urib	Show URIB logging configuration

Command Mode

- /exec

show logging level vdc_mgr

show logging level vdc_mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vdc_mgr	Show vdc manager logging configuration

Command Mode

- /exec

show logging level virtual-service

show logging level virtual-service

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
virtual-service	Show virtualization manager logging configuration

Command Mode

- /exec

show logging level vmm

show logging level vmm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vmm	Show vmm logging configuration

Command Mode

- /exec

show logging level vmtracker

show logging level vmtracker

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vmtracker	Show vmtracker logging configuration

Command Mode

- /exec

show logging level vpc

show logging level vpc

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vpc	Show vPC logging configuration

Command Mode

- /exec

show logging level vrrp-cfg

show logging level vrrp-cfg

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vrrp-cfg	Show vrrp-cfg logging configuration

Command Mode

- /exec

show logging level vrrp-eng

show logging level vrrp-eng

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vrrp-eng	Show vrrp-eng logging configuration

Command Mode

- /exec

show logging level vrrpv3

show logging level vrrpv3

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
vrrpv3	level for vrrpv3 configuration

Command Mode

- /exec

show logging level vshd

show logging level vshd

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration

Command Mode

- /exec

show logging level xbar

show logging level xbar

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration

Command Mode

- /exec

show logging logfile

show logging logfile

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
logfile	Show contents of logfile

Command Mode

- /exec

show logging logfile duration

show logging logfile duration <s1>

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
logfile	Show contents of logfile
duration	show messages from logfile of last given duration
s1	Enter hour, minutes, seconds of duration as HH:MM:SS

Command Mode

- /exec

show logging logfile last-index

show logging logfile last-index

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
logfile	Show contents of logfile
last-index	Show the sequence-number of the last message in logfile

Command Mode

- /exec

show logging logfile start-seqn

show logging logfile start-seqn <i0> [end-seqn <i1>]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
logfile	Show contents of logfile
start-seqn	Show messages from logfile from a given start-sequence-number
i0	Enter starting sequence number
end-seqn	(Optional) Show messages from logfile from a given end-sequence-number
i1	(Optional) Enter ending sequence number

Command Mode

- /exec

show logging logfile start-time

show logging logfile start-time <i0> <s0> <i1> <s1> [end-time <i2> <s2> <i3> <s3>]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
logfile	Show contents of logfile
start-time	Show messages from logfile from a given start-time
i0	Enter year in YYYY format
s0	Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
i1	Enter day of month in dd format
s1	Enter hour, minutes, seconds as HH:MM:SS
end-time	(Optional) Show messages from logfile up to a given end-time
i2	(Optional) Enter year in YYYY format
s2	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
i3	(Optional) Enter day of month in dd format
s3	(Optional) Enter hour, minutes, seconds as HH:MM:SS

Command Mode

- /exec

show logging loopback

show logging loopback

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
loopback	Show logging loopback configuration

Command Mode

- /exec

show logging module

show logging module

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
module	Show module(linecard) logging configuration

Command Mode

- /exec

show logging monitor

show logging monitor

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
monitor	Show monitor logging configuration

Command Mode

- /exec

show logging nvram

show logging nvram [[{ last <i0> }] [__readonly__ [<error>] [{ TABLE_nvram <log> }]]]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
nvram	Show NVRAM log
last	(Optional) Show last few lines of nvram log
i0	(Optional) Enter number of lines to display
__readonly__	(Optional)
error	(Optional) error message
TABLE_nvram	(Optional) nvram log prints
log	(Optional) single log line

Command Mode

- /exec

show logging onboard

show logging onboard { counter-stats | endtime <s0> [{ counter-stats | internal { <dc3_options> } }] | internal { <dc3_options> } | module <module> { counter-stats | endtime1 <s1> [{ counter-stats | internal { <dc3_options> } }] | internal { <dc3_options> } | starttime <s2> [{ counter-stats | endtime2 <s3> [{ counter-stats | internal { <dc3_options> } }] | internal { <dc3_options> } }] } | starttime1 <s4> [{ counter-stats | endtime3 <s5> [{ counter-stats | internal { <dc3_options> } }] | internal { <dc3_options> } }] }

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
onboard	Show OBFL information
counter-stats	Show OBFL counter statistics
endtime	Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s0	End time format - mm/dd/yy-HH:MM:SS
internal	(Optional) Show Logging Onboard Internal
module	Show OBFL information for Module
module	Enter module number
endtime1	Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s1	End time format - mm/dd/yy-HH:MM:SS
starttime	Show OBFL logs from start time mm/dd/yy-HH:MM:SS
s2	Start time format - mm/dd/yy-HH:MM:SS
endtime2	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s3	(Optional) End time format - mm/dd/yy-HH:MM:SS
starttime1	Show OBFL logs from start time mm/dd/yy-HH:MM:SS
s4	Start time format - mm/dd/yy-HH:MM:SS
endtime3	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s5	(Optional) End time format - mm/dd/yy-HH:MM:SS
dc3_options	(Optional) dc3 options

Command Mode

- /exec

show logging onboard

show logging onboard [card-first-power-on | card-boot-history | <common_options> | endtime <s0> [{ <common_options> | error-stats [port <i0>] }] | error-stats [port1 <i1>] | module <module> [<common_options> | endtime1 <s1> [{ <common_options> | error-stats [port3 <i3>] }] | error-stats [port4 <i4>] | starttime <s2> [{ <common_options> | endtime2 <s3> [{ <common_options> | error-stats [port6 <i6>] }] | error-stats [port7 <i7>] }] | card-first-power-on | card-boot-history] | obfl-logs | starttime1 <s4> [{ <common_options> | endtime3 <s5> [{ <common_options> | error-stats [port8 <i8>] }] | error-stats [port9 <i9>] }] | credit-loss [module <module> [last <last_no> { minutes | hours | days }] | last <last_no> { minutes | hours | days }] | flow-control { pause-count [module <module> [last <last_no> { minutes | hours | days }] | last <last_no> { minutes | hours | days }] | pause-events [module <module> [last <last_no> { minutes | hours | days }] | last <last_no> { minutes | hours | days }] | request-timeout [module <module>] | timeout-drops [module <module> [port10 <i10> [last <last_no> { minutes | hours | days }] | last <last_no> { minutes | hours | days }] | last <last_no> { minutes | hours | days }] }]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
onboard	Show OBFL information
card-first-power-on	(Optional) show card first power on information
card-boot-history	(Optional) show card boot history
endtime	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s0	(Optional) End time format - mm/dd/yy-HH:MM:SS
error-stats	(Optional) Show OBFL error statistics
port	(Optional) Show OBFL error statistics for a port
i0	(Optional)
common_options	(Optional) give the options
port1	(Optional) Show OBFL error statistics for a port
i1	(Optional)
module	(Optional) Show OBFL information for Module
module	(Optional) Enter module number
endtime1	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s1	(Optional) End time format - mm/dd/yy-HH:MM:SS
port3	(Optional) Show OBFL error statistics for a port
i3	(Optional)

port4	(Optional) Show OBFL error statistics for a port
i4	(Optional)
starttime	(Optional) Show OBFL logs from start time mm/dd/yy-HH:MM:SS
s2	(Optional) Start time format - mm/dd/yy-HH:MM:SS
endtime2	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s3	(Optional) End time format - mm/dd/yy-HH:MM:SS
port6	(Optional) Show OBFL error statistics for a port
i6	(Optional)
port7	(Optional) Show OBFL error statistics for a port
i7	(Optional)
starttime1	(Optional) Show OBFL logs from start time mm/dd/yy-HH:MM:SS
s4	(Optional) Start time format - mm/dd/yy-HH:MM:SS
endtime3	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
s5	(Optional) End time format - mm/dd/yy-HH:MM:SS
port8	(Optional) Show OBFL error statistics for a port
i8	(Optional)
port9	(Optional) Show OBFL error statistics for a port
i9	(Optional)
obfl-logs	(Optional) Show OBFL Tech Support Log.
timeout-drops	(Optional) Show OBFL Timeout Drops logs
port10	(Optional) Show OBFL statistics per port basis
i10	(Optional)
credit-loss	(Optional) Show OBFL Credit Loss logs
last	(Optional) Show last min/hour/day logs
last_no	(Optional) Duration in min/hrs/day
minutes	(Optional) entry in minutes
hours	(Optional) entry in hours
days	(Optional) entry in days
request-timeout	(Optional) Show OBFL request timeout log

flow-control	(Optional) Show OBFL Flow Control log
pause-count	(Optional) Show Flow Control Pause Count Logs
pause-events	(Optional) Show Flow Control Pause Event Logs

Command Mode

- /exec

show logging onboard kernel-trace

show logging onboard kernel-trace

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
onboard	Show OBFL information
kernel-trace	Show OBFL Kernel Trace

Command Mode

- /exec

show logging origin-id

show logging origin-id

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
origin-id	Show logging origin id configuration

Command Mode

- /exec

show logging pending-diff

show logging pending-diff

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
pending-diff	server address pending configuration diff

Command Mode

- /exec

show logging pending

show logging pending

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
pending	server address pending configuration

Command Mode

- /exec

show logging server

show logging server [__readonly__ [<noentry>] [{ TABLE_logserv <server> <forwarding> <severity> <facility> <vrf> <port> }]]

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
server	Show server logging configuration
__readonly__	(Optional)
noentry	(Optional) logging server not configured
TABLE_logserv	(Optional) output of show logging server
server	(Optional) remote server address
forwarding	(Optional) remote server forwarding
severity	(Optional) remote server severity
facility	(Optional) remote server facility
vrf	(Optional) remote server vrf
port	(Optional) remote server port

Command Mode

- /exec

show logging session status

show logging session status

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
session	Show logging session status
status	Show logging session status

Command Mode

- /exec

show logging source-interface

show logging source-interface

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
source-interface	Show logging source-interface configuration

Command Mode

- /exec

show logging status

show logging status

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
status	Show logging status

Command Mode

- /exec

show logging timestamp

show logging timestamp

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
timestamp	Show logging timestamp configuration

Command Mode

- /exec

show login on-failure log

show login on-failure log [__readonly__ [<status>]]

Syntax Description

show	show
login	login
on-failure	authentication failure
log	Log
__readonly__	(Optional)
status	(Optional) login on failure log enabled or disabled

Command Mode

- /exec

show login on-successful log

show login on-successful log [__readonly__ [<status>]]

Syntax Description

show	show
login	login
on-successful	authentication successful
log	Log
__readonly__	(Optional)
status	(Optional) login on successful log enabled or disabled

Command Mode

- /exec