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show l2 mroute

show { l2 | fabricpath } mroute { [vdc-omf] { [resolved] } | [vlan <vlanid>] { { [omf] | [flood] | [source { <srcaddr> | <v6srcaddr> | <macsrcaddr> }] [group { <groupaddr> | <v6groupaddr> | <macgroupaddr> }] } [resolved] [ftag <ftag-id>] [hex] } } [__readonly__ [<hex2>] { TABLE_gr [<ftag>] <vlan_id> [{ <v4src> <v4grp> <macgrp> | <v6src> <v6grp> <macsrc> }] [<omf> | <flood>] <rt-uptime> <owners> <num_nh> TABLE_nh { <nh_if> | <nh_sw> } [<stale>] [<exclude>] [<svi>] <flags> <nh-uptime> <owner> <rt_type> | <done> | <start> }]

Syntax Description

show	Show running system information
l2	Layer2 information
fabricpath	fabricpath information
mroute	Show multicast route database
vdc-omf	(Optional) Display vdc omf route
vlan	(Optional) Show information for a vlan
omf	(Optional) Show catch-all entry consisting of mroute ports
flood	(Optional) Display vlan flood route
ftag	(Optional) Show ftag number
source	(Optional) Show (s, g) source IP address
group	(Optional) Show group address
hex	(Optional) Display switch-ids in hex
vlanid	(Optional) Vlan value
ftag-id	(Optional) ftag id
groupaddr	(Optional) Group address
macgroupaddr	(Optional) MAC Group address
srcaddr	(Optional) Source address
macsrcaddr	(Optional) MAC source address
resolved	(Optional) Resolve switchid nexthops into the underlying interfaces
__readonly__	(Optional) Read Only
hex2	(Optional)
TABLE_gr	(Optional)

vlan_id	(Optional) VLAN
rt-uptime	(Optional) Time route was created
num_nh	(Optional) Number of next-hops
owners	(Optional) Owners
v4src	(Optional) IPv4 Multicast traffic source
v4grp	(Optional) IPv4 Multicast Group address
macsrc	(Optional) MAC Multicast traffic source
macgrp	(Optional) MAC Multicast Group address
ftag	(Optional) ftag id
omf	(Optional) Is OMF route
flood	(Optional) Is flood to vlan route
TABLE_nh	(Optional)
nh_if	(Optional) The next hop interface
nh_sw	(Optional) The next hop switch id
owner	(Optional) Owner
flags	(Optional) flags
nh-uptime	(Optional) Time nexthop was created
rt_type	(Optional) Route type
stale	(Optional) Is stale
exclude	(Optional) exclude from post routing replication
svi	(Optional) SVI interface
done	(Optional) Done displaying route data
start	(Optional) Print header

Command Mode

- /exec

show l2 multicast ftag

show { l2 | fabricpath } multicast ftag [<ftag-id>] [__readonly__ TABLE_topo <id> <topo_config> TABLE_ftag <ftag> <topo_id> <config>]

Syntax Description

show	Show running system information
l2	Layer2 information
fabricpath	fabricpath information
multicast	Multicast information
ftag	ftag number
ftag-id	(Optional) ftag id
__readonly__	(Optional) Read Only
TABLE_topo	(Optional)
id	(Optional) topo id
topo_config	(Optional) program ftag star route
TABLE_ftag	(Optional)
ftag	(Optional) ftag
topo_id	(Optional) topo id
config	(Optional) ftag config

Command Mode

- /exec

show l2 multicast trees

show { l2 | fabricpath } multicast trees [topo <topo-id>] [ftag <ftag-id>] [hex] [__readonly__ [<hex2>] { TABLE_swid <ftag> <topo_id> <sw_id> <rt-uptime> <owners> <num_nh> TABLE_nh [<preferred>] { <nh_if> | <nh_sw> } [<stale>] <distance> <nh-uptime> <owner> <flags> <rt_type> | <start> | <done> }]

Syntax Description

show	Show running system information
l2	Layer2 information
fabricpath	fabricpath information
multicast	Multicast information
trees	Show the broadcast/multicast tree database
topo	(Optional) Show topo instance
ftag	(Optional) Show ftag number
hex	(Optional) Display switch-ids in hex
topo-id	(Optional) topo id
ftag-id	(Optional) ftag id
__readonly__	(Optional) Read Only
hex2	(Optional)
TABLE_swid	(Optional)
sw_id	(Optional) switch id
topo_id	(Optional) topo id
ftag	(Optional) ftag id
rt-uptime	(Optional) Time route was created
num_nh	(Optional) Number of next-hops
owners	(Optional) Owners
TABLE_nh	(Optional)
preferred	(Optional) Is preferred interface
nh_if	(Optional) The next hop interface
nh_sw	(Optional) The next hop switch id

owner	(Optional) Owner
flags	(Optional) flags
rt_type	(Optional) Route type
nh-uptime	(Optional) Time nexthop was created
distance	(Optional) admin distance
stale	(Optional) Is stale
start	(Optional)
done	(Optional)

Command Mode

- /exec

show l2 route

show { l2 | fabricpath } route [topology { <topo_val> [switchid <switchid>] | all } | switchid <switchid>] [detail | hex] + [__readonly__ <line_marker> <is_hex> { TABLE_route <topo_id> <ftag_value> <swid> <sswid> <num_paths> { TABLE_path <path_str> <admin_distance> <metric> <time> <time_detail> <uuid> } }]

Syntax Description

show	Show running system information
l2	Layer2 information
fabricpath	fabricpath information
route	Show FabricPath route information
topology	(Optional) topology
topo_val	(Optional) topology value
switchid	(Optional) switchid
switchid	(Optional) switchid value
all	(Optional) all topologies
detail	(Optional) detail
hex	(Optional) display in hex
__readonly__	(Optional) Read Only
line_marker	(Optional) line marker
is_hex	(Optional) print in hex
TABLE_route	(Optional) Route delimiter
topo_id	(Optional) topo-id value
ftag_value	(Optional) ftag value
swid	(Optional) switch-id
sswid	(Optional) sub-switch id
num_paths	(Optional) num of paths
TABLE_path	(Optional) Path delimiter
path_str	(Optional) paths
admin_distance	(Optional) admin distance

metric	(Optional) metric
time	(Optional) time
time_detail	(Optional) time_detail
uuid	(Optional) uuid

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 | topo-child-attr } [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
topo-child-attr	(Optional) Filter on Topo child attr

__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 | local-learn-signal | startup-route | topo | es | topo-child-attr }]] [__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
local-learn-signal	(Optional) Filter on Local Learn Signal
topo	(Optional) Filter on Topo Subtype
topo-child-attr	(Optional) Filter on Topo Chil Attr
__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 cmcast topology

show l2route cmcast { topology <topo-id> | all } [detail] [__readonly__ TABLE_l2route_cmcast <topo-id> <src-ip-addr> <grp-ip-addr> <peer-ip-addr> [<peer-type>] [<prod-type>] [<peer-id>] [<vrf-id>] [<l3vni-id>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
cmcast	CMCAST Route
topology	Filter on toplogy ID
topo-id	topology ID
all	Display all routes without filtering
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_cmcast	(Optional) L2RIB CMCAST Table
topo-id	(Optional) Topology ID
src-ip-addr	(Optional) SRC IP Address
grp-ip-addr	(Optional) GRP IP Address
peer-ip-addr	(Optional) PEER IP Address
peer-type	(Optional) Peer Type
prod-type	(Optional) Producer Type
peer-id	(Optional) Peer ID
vrf-id	(Optional) VRF ID
l3vni-id	(Optional) L3VNI ID

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> <flags> [{ <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
flags	(Optional) Flags
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> <egress-vni> <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
egress-vni	(Optional) Egress VNI
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> <egress-vni> <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
egress-vni	(Optional) Egress VNI
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> | vni <vnid> } [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)
vni	Filter on VNI
vnid	VNI
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> <host-ip> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>] [<vrf-id>] [<encap-type>]]

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
host-ip	(Optional) Host IP
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
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
vrf-id	(Optional) vrf id assocaited with route
encap-type	(Optional) Overlay encap type

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> <host-ip> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>] [<vrf-id>] [<encap-type>]]

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
host-ip	(Optional) Host IP
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
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
vrf-id	(Optional) vrf-id associated with route
encap-type	(Optional) Overlay encap type

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>] [<encap-type>]]

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
encap-type	(Optional) Overlay encap type
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> | vni <vnid> } [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>] [<encap-type>]]

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)
vni	Filter on VNI
vnid	VNI
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
encap-type	(Optional) Overlay encap-type

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> [<evpn-flags>] [<client_ctx>] [<mac-cnt>] [<client-nfn>] [{ <cp-next-hop> }] + [{ <gbl-ead-next-hop> }] + [{ <res-next-hop> }] + [{ <res-ufdm-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
evpn-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
gbl-ead-next-hop	(Optional) Global EAD Next hops
res-next-hop	(Optional) Resultant Next hops
res-ufdm-next-hop	(Optional) Resultant Next hops from UFDM

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>] [<evpn-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
evpn-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>] [<evpn-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
evpn-flags	(Optional) Flags
client-nfn	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn topo-child-attr all

show l2route evpn topo-child-attr all [detail] [__readonly__ TABLE_l2route_topo_child_attr <topo-id> [<flags>] [<type>] [<l3vni>] [<vrf-id>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
topo-child-attr	Topo Child Attr
all	Display all topo-child-attr entries
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_topo_child_attr	(Optional) L2RIB Topo Child Attr Table
topo-id	(Optional) Topology ID
flags	(Optional) Flags
type	(Optional) Type
l3vni	(Optional) L3VNI
vrf-id	(Optional) VRFID

Command Mode

- /exec

show l2route evpn topo-child-attr evi

show l2route evpn topo-child-attr evi <vpn-id> [detail] [__readonly__ TABLE_l2route_topo_child_attr <topo-id> [<flags>] [<type>] [<l3vni>] [<vrf-id>]]

Syntax Description

show	Show running system information
l2route	Layer 2 routing information base
evpn	EVPN
topo-child-attr	Topo Child Attr
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_topo_child_attr	(Optional) L2RIB Topo Child Attr Table
topo-id	(Optional) Topology ID
flags	(Optional) Flags
type	(Optional) Type
l3vni	(Optional) L3VNI
vrf-id	(Optional) VRFID

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> <egress-vni> <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
egress-vni	(Optional) Egress VNI
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>] [<evi>] [<encap-type>] [<iod>] [<if-hdl>] [<vtep-ip>] [<emulated-ip>] [<emulated-ro-ip>] [<tx-id>] [<rcvd-flag>] [<rmac>] [<vrf-id>] [<vmac>] [<vmac-ro>] [<flags>] [<sub-flags>] [<prev-flags>] [<topo-state>]]

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
evi	(Optional) EVI
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)

vmac-ro	(Optional) Local Virtual MAC Re-Orig(For Multi-site)
flags	(Optional) Flags
sub-flags	(Optional) Sub Flags
prev-flags	(Optional) Previous Flags
topo-state	(Optional) Topology State

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>] [<encap-type>]]

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
encap-type	(Optional) Overlay encap type

Command Mode

- /exec

show l2route topology

show l2route { mac-ip | openflow mac-ip } { topology <topo-id> | all } [detail] [__readonly__ TABLE_l2route_mac_ip <topo-id> <mac-addr> <host-ip> <prod-type> <flags> <seq-num> <next-hop1> [<next-hop2>] [<l3-info>] [<fwd-state>] [<rte-res>] [<sent-to>] [<peerid>] [<peer-ifindex>] [<esi-id>] [<soo>] [<pcinfo>] [<vrf-id>] [<encap-type>]]

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	(Optional) L2RIB Mac-IP Table
topo-id	(Optional) Topology ID
mac-addr	(Optional) Mac Address
host-ip	(Optional) Host IP
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
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
vrf-id	(Optional) vrf-id associated with route
encap-type	(Optional) Ovaerlay encap type

Command Mode

- /exec

show lacp counters

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

Syntax Description

show	Show running system information
lacp	LACP protocol
counters	LACP counters
interface	(Optional) Specify a port-channel
detail	(Optional) For more counters
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-sent	(Optional) Number of Marker PDUs sent
marker-rcvd	(Optional) Number of Marker PDUs received
marker-resp-sent	(Optional) Number of Marker response PDUs sent
marker-resp-rcvd	(Optional) Number of Marker response PDUs received
pkt-errors	(Optional) Number of packet errors
illegal-rcvd	(Optional) Number of illegal packets received
unknown-rcvd	(Optional) Number of unknown packets received
pdu-timeout-count	(Optional) Number of PDU timeouts
flap-count	(Optional) Number of flaps

Command Mode

- /exec

show lacp interface

show lacp interface [<if0>] [__readonly__ { TABLE_lacp_intf <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)
TABLE_lacp_intf	(Optional) Table of LACP interfaces
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> [<failed_interface>] [<intf_issu_ready>]]

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
failed_interface	(Optional) ISSU failed interface
intf_issu_ready	(Optional) interfaces ready for issu

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 lcnd dot1x address

show lcnd dot1x address { <macaddr> | all }

Syntax Description

show	Show running system information
lcnd	LCND information
dot1x	Dot1x information
address	Address in lcnd auth_db
macaddr	MAC address
all	Display all addresses in lcnd auth_db

Command Mode

- /exec

show lcnd dot1x port

show lcnd dot1x port <portnum>

Syntax Description

show	Show running system information
lcnd	LCND information
dot1x	Dot1x information
port	Port number
portnum	Port number

Command Mode

- /exec

show lcnd stats interface

show lcnd stats interface <interface>

Syntax Description

show	Show running system information
lcnd	lcnd
stats	statistics
interface	get interface related stats at lcnd level
interface	Interface name to display

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> <h_referral_disable> }]

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
h_referral_disable	(Optional) Ldap host referral chasing disable
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 all

show license all [__readonly__ { utility_info <utility_status> } { smart_status_info <smart_status> } { data_privacy_info <sending_hostname> <callhome_hostname> <license_hostname> <version_privacy> } { smart_transport_info <transport_type> [{ transport_info [<transport_url>] [<cslu_address>] }] [proxy_info [<proxy_address>] [<proxy_port>] [<proxy_status>]] } { miscellaneous <custom_id> } { policy_info [<policy_in_use>] [<policy_install_time>] <policy_install_name> <reporting_ack_req> { TABLE_policy_attr_info <policy_attr_name> <first_report_req> <first_report_req_type> <ongoing_reporting_req> <ongoing_reporting_req_type> <on_change_reporting> <on_change_reporting_req_type> } } { usage_reporting_info <last_ack_received> <next_ack_deadline> <reporting_push_interval> <next_ack_push_check> <next_report_push> <last_report_push> <last_report_file_write> } { trust_code_info <trust_code_installed_time> [TABLE_ha_trust_code_info <ha_role_name> <ha_udi_pid> <ha_udi_sn> <ha_trust_code_installed_time>] } [TABLE_smart_feat_info { <feature_name> <description> <count> <version> <status> <enforcement_type> <license_type> }] { local_udi [<local_pid>] <local_sn> } [TABLE_udiList <role> <pid> <sn>] { smart_version <version> }]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
all	All Smart license agent information
__readonly__	(Optional) Read only
utility_info	(Optional)
utility_status	(Optional) Utility status
smart_status_info	(Optional)
smart_status	(Optional) Smart status
data_privacy_info	(Optional)
sending_hostname	(Optional) Sending hostname
callhome_hostname	(Optional) Callhome hostname privacy
license_hostname	(Optional) License hostname privacy
version_privacy	(Optional) Version privacy
smart_transport_info	(Optional)
transport_type	(Optional) Transport type
transport_info	(Optional)
transport_url	(Optional) Transport URL
cslu_address	(Optional) CSLU Address

proxy_info	(Optional)
proxy_address	(Optional) Proxy address
proxy_port	(Optional) Proxy port
proxy_status	(Optional) Proxy status
miscellaneous	(Optional)
custom_id	(Optional) Custom id
policy_info	(Optional)
policy_in_use	(Optional) Policy in use Installed case
policy_install_time	(Optional) Policy install time
policy_install_name	(Optional) Policy installed name
reporting_ack_req	(Optional) Reporting ACK required
TABLE_policy_attr_info	(Optional) Policy attribute info
policy_attr_name	(Optional) Policy attribute name
first_report_req	(Optional) First report requirement in days
first_report_req_type	(Optional) First report req type
ongoing_reporting_req	(Optional) Ongoing reporting frequency in days
ongoing_reporting_req_type	(Optional) Ongoing reporting req type
on_change_reporting	(Optional) On change reporting in days
on_change_reporting_req_type	(Optional) On change reporting req type
usage_reporting_info	(Optional)
last_ack_received	(Optional) Last ACK received
next_ack_deadline	(Optional) Next ACK deadline
reporting_push_interval	(Optional) Reporting push interval
next_ack_push_check	(Optional) Next ACK push check
next_report_push	(Optional) Next report push
last_report_push	(Optional) Last report push
last_report_file_write	(Optional) Last report file write
trust_code_info	(Optional)
trust_code_installed_time	(Optional) Trust code installed time

TABLE_ha_trust_code_info	(Optional) Trust code info
ha_role_name	(Optional) HA role name
ha_udi_pid	(Optional) HA UDI PID
ha_udi_sn	(Optional) HA UDI SN
ha_trust_code_installed_time	(Optional) HA trust code installed time
TABLE_smart_feat_info	(Optional)
feature_name	(Optional)
description	(Optional)
version	(Optional)
count	(Optional)
status	(Optional)
enforcement_type	(Optional) Enforcement type
license_type	(Optional) license type
local_udi	(Optional) Local device information
local_pid	(Optional) Local product identifier
local_sn	(Optional) Device serial number
TABLE_udiList	(Optional) All device identifiers
role	(Optional) Device role
pid	(Optional) Device product identifier
sn	(Optional) Device serial number
smart_version	(Optional) smart version
version	(Optional) smart version

Command Mode

- /exec

show license certs

show license certs [__readonly__ { <production_cert> } [<piid>] [TABLE_smart_cert_info { <cert_name> <start_date> <expiry_date> <version_num> <serial_num> <common_name> }] [<sudi_list>]]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
certs	Smart License certificates
__readonly__	(Optional) Read only
production_cert	(Optional) Production cert value
piid	(Optional) Certificate piid
TABLE_smart_cert_info	(Optional)
cert_name	(Optional) Certificate name
start_date	(Optional) Certificate start date
expiry_date	(Optional) Certificate expiry date
version_num	(Optional) Certificate version number
serial_num	(Optional) Certificate serial number
common_name	(Optional) Certificate common name
sudi_list	(Optional) Sudi llist info

Command Mode

- /exec

show license data conversion

show license data conversion

Syntax Description

show	Show running system information
license	Show the contents of all the license files
data	Show data for device led conversions
conversion	Smart license conversion related commands

Command Mode

- /exec

show license eventlog

show license eventlog

Syntax Description

show	Show running system information
license	Show the contents of all the license files
eventlog	Event log

Command Mode

- /exec

show license history message

show license history message

Syntax Description

show	Show running system information
license	Show the contents of all the license files
history	Show license history information
message	Show license messaging history information

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 status

show license status [__readonly__ { utility_info <utility_status> } { smart_status_info <smart_status> } { data_privacy_info <sending_hostname> <callhome_hostname> <license_hostname> <version_privacy> } { smart_transport_info <transport_type> [{ transport_info [<transport_url>] [<cslu_address>] }] [proxy_info [<proxy_address>] [<proxy_port>] [<proxy_status>]] } { policy_info [<policy_in_use>] [<policy_install_time>] <policy_install_name> <reporting_ack_req> { TABLE_policy_attr_info <policy_attr_name> <first_report_req> <first_report_req_type> <ongoing_reporting_req> <ongoing_reporting_req_type> <on_change_reporting> <on_change_reporting_req_type> } } { miscellaneous <custom_id> } { usage_reporting_info <last_ack_received> <next_ack_deadline> <reporting_push_interval> <next_ack_push_check> <next_report_push> <last_report_push> <last_report_file_write> } { trust_code_info <trust_code_installed_time> [TABLE_ha_trust_code_info <ha_role_name> <ha_udi_pid> <ha_udi_sn> <ha_trust_code_installed_time>] }]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
status	Smart license agent status
__readonly__	(Optional) Read only
utility_info	(Optional)
utility_status	(Optional) Utility status
smart_status_info	(Optional)
smart_status	(Optional) Smart_status
data_privacy_info	(Optional)
sending_hostname	(Optional) Sending hostname
callhome_hostname	(Optional) Callhome hostname privacy
license_hostname	(Optional) License hostname privacy
version_privacy	(Optional) Version privacy
smart_transport_info	(Optional)
transport_type	(Optional) Transport type
transport_info	(Optional)
transport_url	(Optional) Transport URL
cslu_address	(Optional) CSLU Address
proxy_info	(Optional)

proxy_address	(Optional) Proxy address
proxy_port	(Optional) Proxy port
proxy_status	(Optional) Proxy status
policy_info	(Optional)
policy_in_use	(Optional) Policy in use Installed case
policy_install_time	(Optional) Policy install time
policy_install_name	(Optional) Policy installed name
reporting_ack_req	(Optional) Reporting ACK required
TABLE_policy_attr_info	(Optional) Policy attribute info
policy_attr_name	(Optional) Policy attribute name
first_report_req	(Optional) First report requirement in days
first_report_req_type	(Optional) First report req type
ongoing_reporting_req	(Optional) Ongoing reporting frequency in days
ongoing_reporting_req_type	(Optional) Ongoing reporting req type
on_change_reporting	(Optional) On change reporting in days
on_change_reporting_req_type	(Optional) On change reporting req type
miscellaneous	(Optional)
custom_id	(Optional) Custom id
usage_reporting_info	(Optional)
last_ack_received	(Optional) Last ACK received
next_ack_deadline	(Optional) Next ACK deadline
reporting_push_interval	(Optional) Reporting push interval
next_ack_push_check	(Optional) Next ACK push check
next_report_push	(Optional) Next report push
last_report_push	(Optional) Last report push
last_report_file_write	(Optional) Last report file write
trust_code_info	(Optional)
trust_code_installed_time	(Optional) Trust code installed time
TABLE_ha_trust_code_info	(Optional) Trust code info

ha_role_name	(Optional) HA role name
ha_udi_pid	(Optional) HA UDI PID
ha_udi_sn	(Optional) HA UDI SN
ha_trust_code_installed_time	(Optional) HA trust code installed time

Command Mode

- /exec

show license summary

show license summary [__readonly__ [TABLE_smart_feat_info { <license_name> <feature_name> <count> <status> }]]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
summary	Smart license agent summary
__readonly__	(Optional) Read only
TABLE_smart_feat_info	(Optional)
license_name	(Optional) License name
feature_name	(Optional) Feature name
count	(Optional) Feature usage count
status	(Optional) Feature status

Command Mode

- /exec

show license tech support

show license tech support

Syntax Description

show	Show running system information
license	Show the contents of all the license files
tech	Gather information for troubleshooting
support	Gather information for troubleshooting

Command Mode

- /exec

show license udi

show license udi [__readonly__ { local_udi [<local_pid>] <local_sn> } [TABLE_udiList <role> <pid> <sn>]]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
udi	device udi
__readonly__	(Optional) Read only
local_udi	(Optional) Local device information
local_pid	(Optional) Local product identifier
local_sn	(Optional) Device serial number
TABLE_udiList	(Optional) All device identifiers
role	(Optional) Device role
pid	(Optional) Device product identifier
sn	(Optional) Device serial number

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>] + } { [<smart_feature_list>] + }] | [<auth_status> [[TABLE_show_smart_lic_usage { <smart_feature_name> <smart_description> <smart_count> <smart_version> <smart_status> <enforcement_type> <license_type> }]]] }]

Syntax Description

show	Show running system information
license	show the contents of all the license files
usage	Show license usage table
detail	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
license-feature	(Optional) Show usage of this license package
__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
smart_feature_list	(Optional) Name of the application using the license
auth_status	(Optional) Brief about smart license usage
TABLE_show_smart_lic_usage	(Optional) Smart License usage
smart_feature_name	(Optional) Name of the feature
smart_description	(Optional) Description of the entitlement
smart_count	(Optional) License count
smart_version	(Optional) License version
smart_status	(Optional) License status
enforcement_type	(Optional) Enforcement type

license_type	(Optional) License type

Command Mode

- /exec

show license version

show license version [__readonly__ { <version> }]

Syntax Description

show	Show running system information
license	Show the contents of all the license files
version	Smart License version
__readonly__	(Optional) Read only
version	(Optional) smart agent version info

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 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 <if_in> [__readonly__ <if_out> <cfg_proto> <det_proto> [<l_op_ver> <l_max_ver> <l_seq_no> <l_ack_no>] [<l_feature> <l_feat_len> <l_cfg>] + [<p_op_ver> <p_max_ver> <p_seq_no> <p_ack_no>] [<p_tlv_type> <p_tlv_ctrl> <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
if_in	Enter interface
__readonly__	(Optional)
if_out	(Optional) Interface ID
cfg_proto	(Optional) Configured DCBX Protocol
det_proto	(Optional) DCBX Protocol detected
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_feat_len	(Optional) Local Feature 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_ctrl	(Optional) peer TLV control info
p_tlv_len	(Optional) Peer TLV Length
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> <max_framesize> <vlan_name> } { <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
max_framesize	(Optional) Max Frame Size

vlan_name	(Optional) Vlan Name TLVs
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> <hold_time> [<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
hold_time	(Optional) Hold time
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> <max_framesize> <vlan_name> } { <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
max_framesize	(Optional) Maximum Frame Size
vlan_name	(Optional) Vlan Name TLVs
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 poe interface

show lldp poe { interface <if0> } [__readonly__ <power-type> <power-source> <power-priority> <power-requested> <power-allocated>]

Syntax Description

show	Show running system information
lldp	Show lldp protocol information
poe	Power over Ethernet
interface	Show lldp interface information
if0	Interface name
__readonly__	(Optional)
power-type	(Optional) Power Type
power-source	(Optional) Power Source
power-priority	(Optional) Power Priority
power-requested	(Optional) Requested Power
power-allocated	(Optional) Allocated Power

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> <four-wire-power-management> <system-capabilities> <system-description> <system-name> <port-max-framesize> <port-vlan-name> <dcbxp-cin-cee> <dcbxp-cin-cee-egress> [<dcbxp-cn>] [<dcbxp-ets-cfg>] [<dcbxp-ets-reco>] [<dcbxp-pfc-cfg>] [<dcbxp-app-pri>] [<dcbxp-app-vlan>]]

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
four-wire-power-management	(Optional) Cisco 4-Wire Power via MDI TLV
system-capabilities	(Optional) System capabilities
system-description	(Optional) System description
system-name	(Optional) System name
port-max-framesize	(Optional) Port Maximum Frame Size TLV
port-vlan-name	(Optional) Port Vlan Name TLV
dcbxp-cin-cee	(Optional) DCBXP CIN or CEE
dcbxp-cin-cee-egress	(Optional) DCBXP CIN or CEE Egress
dcbxp-cn	(Optional) DCBXP Congestion Notification
dcbxp-ets-cfg	(Optional) DCBXP ETS Configuration
dcbxp-ets-reco	(Optional) DCBXP ETS Recommendation
dcbxp-pfc-cfg	(Optional) DCBXP PFC Configuration
dcbxp-app-pri	(Optional) DCBXP Application Priorities
dcbxp-app-vlan	(Optional) DCBXP Application VLAN's

Command Mode

- /exec

show lldp traffic

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

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
flap_cnt	(Optional) flap 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> <flap_cnt>]

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
flap_cnt	(Optional) flap count

Command Mode

- /exec

show lldp traffic interface all

show lldp traffic interface all [__readonly__ TABLE_lldp_traffic_interface <interface> <tx_cnt> <aged_cnt> <rx_cnt> <rx_err> <disc_cnt> <unrecognized_tlv> <flap_cnt>]

Syntax Description

show	Show running system information
lldp	Show information about lldp
traffic	Show lldp counters
interface	Show lldp traffic counters on an interface
all	Get status for all interfaces
__readonly__	(Optional)
TABLE_lldp_traffic_interface	(Optional) LLDP traffic interface table
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
flap_cnt	(Optional) flap 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 dropcount

show logging dropcount

Syntax Description

show	logging dropcount
logging	Show logging drop count of syslogs
dropcount	Show logging dropcount

Command Mode

- /exec

show logging history

show logging history

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
history	Show logging history 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> [<transport>] }] } { { <origin_id_status> } [<origin_id>] } [[<logflash_status>] [<logflash_severity>] [<logflash_threshold>]] { <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
transport	(Optional) remote server transport
origin_id_status	(Optional) origin-id status
origin_id	(Optional) origin-id
logflash_status	(Optional) logflash status
logflash_severity	(Optional) logflash level
logflash_threshold	(Optional) logflash threshold percentage
logfile_status	(Optional) logfile status

TABLE_facility	(Optional) output of show logging level(facility)
fac_info	(Optional) level info

Command Mode

- /exec

show logging ip access-list cache

show logging ip access-list cache [detail] [__readonly__ <disp_flags> <sgt> <src_ip> <dst_ip> <src_port> <dst_port> <if_index> <proto> <hit_cnt> <acl_name> <acl_num> <acl_permit> <acl_ingress> <acl_type> <acl_appl_if_index> <acl_fltr_hit_cnt>]

Syntax Description

show	Show running system information
logging	logging information
ip	IP configuration
access-list	Access-list
cache	logging
detail	(Optional) Show additional details about entries in cache
__readonly__	(Optional)
disp_flags	(Optional) Display flags
sgt	(Optional) SGT
src_ip	(Optional) Source IP
dst_ip	(Optional) Dest IP
src_port	(Optional) Source port
dst_port	(Optional) Dest port
if_index	(Optional) Interface
proto	(Optional) Protocol
hit_cnt	(Optional) Hits
acl_name	(Optional) ACL Name
acl_num	(Optional) ACL Number
acl_permit	(Optional) ACL Permit
acl_ingress	(Optional) ACL Ingress
acl_type	(Optional) ACL Filter Type
acl_appl_if_index	(Optional) ACL Applied Interface
acl_fltr_hit_cnt	(Optional) ACL Filter Count

Command Mode

- /exec

show logging ip access-list status

show logging ip access-list status [__readonly__ <num_entries> <seconds> <num_packets>]

Syntax Description

show	Show running system information
logging	logging information
ip	IP configuration
access-list	Access-list
status	ACLLOG status
__readonly__	(Optional)
num_entries	(Optional) Max flows
seconds	(Optional) Log-update interval in seconds
num_packets	(Optional) threshold

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

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

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 acl

show logging level acl

Syntax Description

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

Command Mode

- /exec

show logging level acllog

show logging level acllog

Syntax Description

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

show logging level assoc_mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
assoc_mgr	Show Association Manager Logging Configuration

Command Mode

- /exec

show logging level backup

show logging level { backup | flexlink }

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
backup	Show Switchport Backup logging level
flexlink	Show Switchport Backup logging level

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 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 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-dmon

show logging level core-dmon

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
core-dmon	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 device-alias

show logging level device-alias

Syntax Description

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

Command Mode

- /exec

show logging level dhclient

show logging level dhclient

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
dhclient	Show syslog level for dhcp client

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 diag_port_lb

show logging level diagnostic diag_port_lb

Syntax Description

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

show logging level dpvm

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 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 epbr

show logging level epbr

Syntax Description

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

Command Mode

- /exec

show logging level epp

show logging level epp

Syntax Description

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

show logging level fabricpath isis

Syntax Description

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

Command Mode

- /exec

show logging level fabricpath switch-id

show logging level fabricpath switch-id

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
fabricpath	fabricpath information
switch-id	show fabricpath switch-id logging configuration

Command Mode

- /exec

show logging level fc2d

show logging level fc2d

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 fcdomain

show logging level fcdomain

Syntax Description

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

Command Mode

- /exec

show logging level fcns

show logging level fcns

Syntax Description

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

Command Mode

- /exec

show logging level fcoe_mgr

show logging level fcoe_mgr

Syntax Description

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

Command Mode

- /exec

show logging level fcs

show logging level fcs

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 fdmi

show logging level fdmi

Syntax Description

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

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 flogi

show logging level flogi

Syntax Description

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

show logging level fspf

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 fsync_mgr

show logging level fsync_mgr

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
fsync_mgr	Frequency Synchronization Manager

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 hardware-telemetry

show logging level hardware-telemetry

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
hardware-telemetry	Show hardware-telemetry 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 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	(Optional) Display IP information
igmp	Show igmp 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 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 ip sla twamp-server

show logging level ip sla twamp-server

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)
twamp-server	Show sla-twamp-server 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 ipv6 mfwd

show logging level ipv6 mfwd

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
ipv6	Display IPv6 information
mfwd	Show MCASTFWD v6 logging configuration

Command Mode

- /exec

show logging level ipv6 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	Display IPv6 information
pim	Show pim6 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 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 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 m2rib

show logging level m2rib

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
m2rib	Show M2RIB logging configuration

Command Mode

- /exec

show logging level mfdm

show logging level mfdm

Syntax Description

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

Command Mode

- /exec

show logging level mfwd

show logging level { mfwd | mcastfwd }

Syntax Description

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

Command Mode

- /exec

show logging level mld

show logging level [ipv6] mld

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
mld	Show MLD 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 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 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	(Optional) Display IP information
msdp	Show msdp 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 ngmvpn

show logging level ngmvpn

Syntax Description

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

show logging level npv

Syntax Description

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

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 ofm

show logging level ofm

Syntax Description

show	Show running system information
logging	Modify message logging facilities
level	Facility parameter for syslog messages
ofm	Show ofm logging settings

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 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 [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 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 pltm

show logging level pltm

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
pltm	Show pie 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 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-channel

show logging level port-channel

Syntax Description

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

show logging level port-resources

Syntax Description

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

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 port

show logging level port

Syntax Description

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

show logging level rdl

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 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 rib

show logging level rib

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
rib	Show rib 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 routing ipv6 multicast

show logging level routing ipv6 multicast

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information

Command Mode

- /exec

show logging level routing multicast

show logging level routing [ip | ipv4] multicast

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information

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 rscn

show logging level rscn

Syntax Description

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

Command Mode

- /exec

show logging level sal

show logging level sal

Syntax Description

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

Command Mode

- /exec

show logging level san-port-channel

show logging level san-port-channel

Syntax Description

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

Command Mode

- /exec

show logging level san-port-channel

show logging level san-port-channel

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
san-port-channel	Show san-port-channel 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 scsi-target

show logging level scsi-target

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
scsi-target	Show scsi-target 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 segment-routing

show logging level segment-routing

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
segment-routing	Show SR 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 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 spm

show logging level spm

Syntax Description

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

show logging level syncc

Syntax Description

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

show logging level template_manager

Syntax Description

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

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-encryption

show logging level tunnel-encryption

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
tunnel-encryption	Show tunnel encryption manager 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 u2rib

show logging level u2rib

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
level	Show facility logging configuration
u2rib	Show U2RIB logging configuration

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 ufdm

show logging level ufdm

Syntax Description

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

show logging level vlan_mgr

Syntax Description

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

show logging level vsan

Syntax Description

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

show logging level vtp

Syntax Description

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

Command Mode

- /exec

show logging level wwn

show logging level wwn

Syntax Description

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

show logging level zone

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 rate-limit

show logging rate-limit

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
rate-limit	Show rate limit configuration

Command Mode

- /exec

show logging rfc-strict

show logging rfc-strict

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
rfc-strict	Show RFC to which messages are compliant

Command Mode

- /exec

show logging server

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

Syntax Description

show	Show running system information
logging	Show logging configuration and contents of logfile
server	Show server logging configuration
__readonly__	(Optional)
server_status	(Optional) logging server 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
transport	(Optional) remote server transport

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