



L Show Commands

- [show l2fwder l2rib info](#), on page 7
- [show l2fwder rmac](#), on page 8
- [show l2fwder statistics](#), on page 9
- [show l2rib clients](#), on page 10
- [show l2rib internal client-stats](#), on page 11
- [show l2rib internal mem-stats](#), on page 12
- [show l2rib internal pss](#), on page 13
- [show l2rib internal state](#), on page 14
- [show l2rib internal stats](#), on page 15
- [show l2rib internal txlist](#), on page 16
- [show l2rib internal unfreeze-list](#), on page 17
- [show l2rib producers](#), on page 18
- [show l2rib registrations](#), on page 20
- [show l2route evpn fl all](#), on page 21
- [show l2route evpn fl evi](#), on page 22
- [show l2route evpn imet all](#), on page 23
- [show l2route evpn imet evi](#), on page 24
- [show l2route evpn mac-ip all](#), on page 25
- [show l2route evpn mac-ip evi](#), on page 26
- [show l2route evpn mac all](#), on page 28
- [show l2route evpn mac evi](#), on page 29
- [show l2route evpn startup-route all](#), on page 31
- [show l2route evpn startup-route evi](#), on page 32
- [show l2route fl topology](#), on page 33
- [show l2route peerid](#), on page 34
- [show l2route summary](#), on page 35
- [show l2route topology](#), on page 36
- [show l2route topology](#), on page 38
- [show l2route topology](#), on page 39
- [show lacp counters](#), on page 40
- [show lacp interface](#), on page 41
- [show lacp internal debug](#), on page 44
- [show lacp internal debug buffer](#), on page 45

- [show lacp internal event-history errors](#), on page 46
- [show lacp internal event-history global](#), on page 47
- [show lacp internal event-history interface](#), on page 48
- [show lacp internal event-history lock](#), on page 49
- [show lacp internal event-history msgs](#), on page 50
- [show lacp internal info](#), on page 51
- [show lacp internal info interface](#), on page 52
- [show lacp internal mem-stats](#), on page 53
- [show lacp internal mib](#), on page 54
- [show lacp issu-impact](#), on page 55
- [show lacp neighbor](#), on page 56
- [show lacp port-channel](#), on page 57
- [show lacp system-identifier](#), on page 58
- [show ldap-search-map](#), on page 59
- [show ldap-server](#), on page 60
- [show ldap-server groups](#), on page 61
- [show ldap-server statistics](#), on page 63
- [show license](#), on page 65
- [show license brief](#), on page 66
- [show license file](#), on page 67
- [show license host-id](#), on page 68
- [show license reserved](#), on page 69
- [show license usage](#), on page 70
- [show line](#), on page 71
- [show line console](#), on page 72
- [show line console connected](#), on page 73
- [show line console user-input-string](#), on page 74
- [show lisp ddt](#), on page 75
- [show lisp ddt queue](#), on page 76
- [show lisp ddt referral-cache](#), on page 77
- [show lisp dynamic-eid](#), on page 78
- [show lisp elp](#), on page 79
- [show lisp internal event-history](#), on page 80
- [show lisp internal info](#), on page 81
- [show lisp internal ip multicast routes](#), on page 82
- [show lisp internal library-info](#), on page 83
- [show lisp internal mem-stats](#), on page 84
- [show lisp internal pss dyn-eid-source](#), on page 85
- [show lisp internal pss map-cache](#), on page 86
- [show lisp internal pss site](#), on page 87
- [show lisp internal ufdm-pending ip](#), on page 88
- [show lisp negative-prefix](#), on page 89
- [show lisp proxy-itr](#), on page 90
- [show lisp site](#), on page 91
- [show lisp site instance-id](#), on page 92
- [show lisp smr](#), on page 93

- [show lisp stats-cache](#), on page 94
- [show lldp all](#), on page 95
- [show lldp dcba interface](#), on page 96
- [show lldp entry](#), on page 97
- [show lldp interface](#), on page 99
- [show lldp neighbors](#), on page 101
- [show lldp neighbors detail](#), on page 102
- [show lldp neighbors system-detail](#), on page 104
- [show lldp portid-subtype](#), on page 105
- [show lldp timers](#), on page 106
- [show lldp tlv-select](#), on page 107
- [show lldp traffic](#), on page 108
- [show lldp traffic interface](#), on page 109
- [show locator-led status](#), on page 110
- [show logging](#), on page 111
- [show logging console](#), on page 112
- [show logging info](#), on page 113
- [show logging internal info](#), on page 115
- [show logging last](#), on page 116
- [show logging level](#), on page 117
- [show logging level aaa](#), on page 119
- [show logging level aclmgr](#), on page 120
- [show logging level adbm](#), on page 121
- [show logging level adjmgr](#), on page 122
- [show logging level amt](#), on page 123
- [show logging level arp](#), on page 124
- [show logging level ascii-cfg](#), on page 125
- [show logging level bfd](#), on page 126
- [show logging level bgp](#), on page 127
- [show logging level bloggerd](#), on page 128
- [show logging level bootvar](#), on page 129
- [show logging level callhome](#), on page 130
- [show logging level capability](#), on page 131
- [show logging level cdp](#), on page 132
- [show logging level cert-enroll](#), on page 133
- [show logging level cert_enroll](#), on page 134
- [show logging level cfs](#), on page 135
- [show logging level clis](#), on page 136
- [show logging level clk_mgr](#), on page 137
- [show logging level confcheck](#), on page 138
- [show logging level copp](#), on page 139
- [show logging level core](#), on page 140
- [show logging level cts](#), on page 141
- [show logging level dhcp_snoop](#), on page 142
- [show logging level diagnostic device_test](#), on page 143
- [show logging level diagnostic diagclient](#), on page 144

- [show logging level diagnostic diagmgr](#), on page 145
- [show logging level dot1x](#), on page 146
- [show logging level eigrp](#), on page 147
- [show logging level eltm](#), on page 148
- [show logging level ethdstats](#), on page 149
- [show logging level ethpm](#), on page 150
- [show logging level evb](#), on page 151
- [show logging level evmc](#), on page 152
- [show logging level evmed](#), on page 153
- [show logging level evms](#), on page 154
- [show logging level fabric forwarding](#), on page 155
- [show logging level feature-mgr](#), on page 156
- [show logging level fs-daemon](#), on page 157
- [show logging level glbp](#), on page 158
- [show logging level gpixm](#), on page 159
- [show logging level hsrp](#), on page 160
- [show logging level im](#), on page 161
- [show logging level imp](#), on page 162
- [show logging level interface-vlan](#), on page 163
- [show logging level ip igmp](#), on page 164
- [show logging level ip msdp](#), on page 165
- [show logging level ip pim](#), on page 166
- [show logging level ip sla responder](#), on page 167
- [show logging level ip sla sender](#), on page 168
- [show logging level ipconf](#), on page 169
- [show logging level ipfib](#), on page 170
- [show logging level ipqos](#), on page 171
- [show logging level ipv6 icmp](#), on page 172
- [show logging level iscm](#), on page 173
- [show logging level iscm](#), on page 174
- [show logging level isis](#), on page 175
- [show logging level keystore](#), on page 176
- [show logging level l2fm](#), on page 177
- [show logging level l3vm](#), on page 178
- [show logging level lacp](#), on page 179
- [show logging level ldap](#), on page 180
- [show logging level license](#), on page 181
- [show logging level lim](#), on page 182
- [show logging level lisp](#), on page 183
- [show logging level lldp](#), on page 184
- [show logging level mmode](#), on page 185
- [show logging level module](#), on page 186
- [show logging level monitor](#), on page 187
- [show logging level mpls ldp](#), on page 188
- [show logging level mpls manager](#), on page 189
- [show logging level mpls switching](#), on page 190

- [show logging level mpls traffic-eng](#), on page 191
- [show logging level mvsh](#), on page 192
- [show logging level nat](#), on page 193
- [show logging level nbm](#), on page 194
- [show logging level netstack](#), on page 195
- [show logging level nfm](#), on page 196
- [show logging level ngoam](#), on page 197
- [show logging level ntp](#), on page 198
- [show logging level nve](#), on page 199
- [show logging level onep](#), on page 200
- [show logging level openflow](#), on page 201
- [show logging level ospf](#), on page 202
- [show logging level ospfv3](#), on page 203
- [show logging level otv](#), on page 204
- [show logging level otv isis](#), on page 205
- [show logging level pfstat](#), on page 206
- [show logging level pim](#), on page 207
- [show logging level pixm](#), on page 208
- [show logging level pktmgr](#), on page 209
- [show logging level platform](#), on page 210
- [show logging level plcmgr](#), on page 211
- [show logging level pltfm_config](#), on page 212
- [show logging level plugin](#), on page 213
- [show logging level poap](#), on page 214
- [show logging level port-profile](#), on page 215
- [show logging level port-security](#), on page 216
- [show logging level private-vlan](#), on page 217
- [show logging level ptp](#), on page 218
- [show logging level radius](#), on page 219
- [show logging level res_mgr](#), on page 220
- [show logging level rip](#), on page 221
- [show logging level rpm](#), on page 222
- [show logging level rsvp](#), on page 223
- [show logging level scheduler](#), on page 224
- [show logging level security](#), on page 225
- [show logging level session-mgr](#), on page 226
- [show logging level sflow](#), on page 227
- [show logging level smm](#), on page 228
- [show logging level snmpd](#), on page 229
- [show logging level snmpmib_proc](#), on page 230
- [show logging level spanning-tree](#), on page 231
- [show logging level stripcl](#), on page 232
- [show logging level sysmgr](#), on page 233
- [show logging level tacacs](#), on page 234
- [show logging level track](#), on page 235
- [show logging level tunnel](#), on page 236

- [show logging level u6rib, on page 237](#)
- [show logging level uddl, on page 238](#)
- [show logging level urib, on page 239](#)
- [show logging level vdc_mgr, on page 240](#)
- [show logging level virtual-service, on page 241](#)
- [show logging level vmm, on page 242](#)
- [show logging level vmtracker, on page 243](#)
- [show logging level vpc, on page 244](#)
- [show logging level vrrp-cfg, on page 245](#)
- [show logging level vrrp-eng, on page 246](#)
- [show logging level vrrpv3, on page 247](#)
- [show logging level vshd, on page 248](#)
- [show logging level xbar, on page 249](#)
- [show logging logfile, on page 250](#)
- [show logging logfile duration, on page 251](#)
- [show logging logfile last-index, on page 252](#)
- [show logging logfile start-seqn, on page 253](#)
- [show logging logfile start-time, on page 254](#)
- [show logging loopback, on page 255](#)
- [show logging module, on page 256](#)
- [show logging monitor, on page 257](#)
- [show logging nvram, on page 258](#)
- [show logging onboard, on page 259](#)
- [show logging onboard, on page 260](#)
- [show logging onboard kernel-trace, on page 263](#)
- [show logging origin-id, on page 264](#)
- [show logging pending-diff, on page 265](#)
- [show logging pending, on page 266](#)
- [show logging server, on page 267](#)
- [show logging session status, on page 268](#)
- [show logging source-interface, on page 269](#)
- [show logging status, on page 270](#)
- [show logging timestamp, on page 271](#)
- [show login, on page 272](#)
- [show login failures, on page 273](#)
- [show login on-failure log, on page 274](#)
- [show login on-successful log, on page 275](#)

show l2fwder l2rib info

show l2fwder l2rib info

Syntax Description

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

Command Mode

- /exec

show l2fwder rmac

show l2fwder rmac <mac-address>

Syntax Description

Syntax Description		
show		Show running system information
l2fwder		Display L2FWDER forwarding information
rmac		router mac
<i>mac-address</i>		MAC address

Command Mode

- /exec

show l2fwder statistics

show l2fwder statistics

Syntax Description

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

Command Mode

- /exec

show l2rib clients

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

Syntax Description

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

Command Mode

- /exec

show l2rib internal client-stats

show l2rib internal client-stats [<client_id>]

Syntax Description

Syntax	Description
show	Show running system information
l2rib	Layer 2 routing information base
internal	Display Layer 2 RIB internal information
client-stats	L2RIB Client Stats
<i>client_id</i>	(Optional) Enter Client ID

Command Mode

- /exec

show l2rib internal mem-stats

show l2rib internal mem-stats [detail]

Syntax Description

Syntax	Description
show	Show running system information
l2rib	Layer 2 routing information base
internal	Layer2 RIB internal information
mem-stats	Dynamic memory stats
detail	(Optional) Detailed information

Command Mode

- /exec

show l2rib internal pss

show l2rib internal pss <rt-enum>

Syntax Description

Syntax Description	
show	Show running system information
l2rib	Layer 2 routing information base
internal	Layer2 RIB internal information
pss	Display all PSS information
<i>rt-enum</i>	Runtime PSS key types

Command Mode

- /exec

show l2rib internal state

show l2rib internal state

Syntax Description

Syntax Description	
show	Show running system information
l2rib	Layer 2 routing information base
internal	Layer2 RIB internal information
state	Show L2RIB state

Command Mode

- /exec

show l2rib internal stats

show l2rib internal stats

Syntax Description

Syntax	Description
show	Show running system information
l2rib	Layer 2 routing information base
internal	Display Layer 2 RIB internal information
stats	L2RIB Stats

Command Mode

- /exec

show l2rib internal txlist

show l2rib internal txlist { all | topo | mac-local-static | mac-bgp | mac-vxlan | mac-best-route | mac-ip-bgp | mac-ip-best-route | imet-vxlan-fl | topo-eoc | eoc | arp-signal | signal } { all | elements | members }

Syntax Description

Syntax Description	show	Show running system information
	l2rib	Layer 2 routing information base
	internal	Display Layer2 RIB internal information
	txlist	L2RIB TxList
	all	All TxLists
	topo	Topology and Bind-ACK TxList
	mac-local-static	Mac (Local and Static) TxList
	mac-bgp	Mac BGP
	mac-vxlan	Mac VxLAN
	mac-best-route	Mac Best-Route
	mac-ip-bgp	Mac-IP BGP
	mac-ip-best-route	Mac-IP Best-Route
	imet-vxlan-fl	IMET and VXLAN FL TxList
	topo-eoc	Topology EOC TxList
	eoc	EOC TxList
	arp-signal	ARP Signaling
	signal	Signaling
	all	Both Elements/Members
	elements	TxList Elements
	members	TxList Members

Command Mode

- /exec

show l2rib internal unfreeze-list

show l2rib internal unfreeze-list

Syntax Description

Syntax	Description
show	Show running system information
l2rib	Layer 2 routing information base
internal	Layer2 RIB internal information
unfreeze-list	Duplicate MACs that are pending unfreeze

Command Mode

- /exec

show l2rib producers

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

Syntax Description

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
	static	(Optional) Static
	local	(Optional) Local
	bgp	(Optional) BGP
	vxlan	(Optional) VXLAN
	hmm	(Optional) HMM
	arp	(Optional) ARP
	ofa	(Optional) OFA
	__readonly__	(Optional)
	TABLE_l2rib_producers	(Optional) L2RIB Producers Table
	<i>prod-name</i>	(Optional) Producer Name
	<i>prod-id</i>	(Optional) Producer ID

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

Command Mode

- /exec

show l2rib registrations

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

Syntax Description

Syntax Description		
show		Show running system information
l2rib		Layer 2 routing information base
registrations		L2RIB Registrations
client		(Optional) Global Registration Entries
<i>client_id</i>		(Optional) Enter Client ID
<i>topo_id</i>		(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
flood-list		(Optional) Filter on Flood List
startup-route		(Optional) Filter on Startup Route
arp-signal		(Optional) Filter on ARP Signal
topo		(Optional) Filter on Topo Subtype
<i>__readonly__</i>		(Optional)
TABLE_l2rib_registrations		(Optional) L2RIB Registrations Table
<i>client-id</i>		(Optional) Client ID
<i>topo-id</i>		(Optional) Topology ID
<i>obj-type</i>		(Optional) Object Type
<i>prod</i>		(Optional) Producer

Command Mode

- /exec

show l2route evpn fl all

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

Syntax Description

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
<i>topo-id</i>		(Optional) Topology ID
<i>peer-id</i>		(Optional) Peer-ID
<i>flood-list</i>		(Optional) Flood List
<i>is-service-node</i>		(Optional) Is Service Node
<i>client-nfn</i>		(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn fl evi

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

Syntax Description

Syntax Description	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)
<i>vpn-id</i>	E-VPN identifier (VLAN-ID or BD-ID)
detail	(Optional) Detailed information
<i>__readonly__</i>	(Optional)
<i>TABLE_l2route_fl</i>	(Optional) L2RIB Flood List Table
<i>peer-id</i>	(Optional) Peer-ID
<i>flood-list</i>	(Optional) Flood List
<i>is-service-node</i>	(Optional) Is Service Node
<i>client-nfn</i>	(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> ] [ <flags> ] [ <type> ] [ <vni-label> ] [ <tunnel-id> ] [ <client-nfn> ] ]
```

Syntax Description

Syntax Description	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
<i>topo-id</i>	(Optional) Topology ID
<i>vni</i>	(Optional) VNI
<i>prod-type</i>	(Optional) Producer Type
<i>ip-addr</i>	(Optional) IP Address
<i>eth-tag-id</i>	(Optional) Ethernet Tag ID
<i>flags</i>	(Optional) Flags
<i>type</i>	(Optional) Type
<i>vni-label</i>	(Optional) VNI Label
<i>tunnel-id</i>	(Optional) Tunnel ID
<i>client-nfn</i>	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn imet evi

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

Syntax Description

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)
	<i>vpn-id</i>	E-VPN identifier (VLAN-ID or BD-ID)
	bgp	(Optional) Filter on BGP producer (remote imet routes)
	vxlan	(Optional) Filter on VXLAN producer (local imet routes)
	detail	(Optional) Detailed information
	__readonly__	(Optional)
	TABLE_l2route_imet	(Optional) L2RIB IMET Table
	<i>vni</i>	(Optional) VNI
	<i>prod-type</i>	(Optional) Producer Type
	<i>ip-addr</i>	(Optional) IP Address
	<i>eth-tag-id</i>	(Optional) Ethernet Tag ID
	<i>flags</i>	(Optional) Flags
	<i>type</i>	(Optional) Type
	<i>vni-label</i>	(Optional) VNI Label
	<i>tunnel-id</i>	(Optional) Tunnel ID
	<i>client-nfn</i>	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn mac-ip all

```
show l2route evpn mac-ip all [ detail ] [ __readonly__ TABLE_l2route_mac_ip_all <topo-id> <mac-addr>
<prod-type> <host-ip> [ <l3-info> ] [ <seq-num> ] [ <soo> ] <next-hop> [ <peerid> ] [ <peer-ifindex> ] [
<flags> ] [ <client-nfn> ] ]
```

Syntax Description

Syntax Description	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
<i>topo-id</i>	(Optional) Topology ID
<i>mac-addr</i>	(Optional) Mac Address
<i>prod-type</i>	(Optional) Producer Type
<i>host-ip</i>	(Optional) Host IP
<i>l3-info</i>	(Optional) L3 Info
<i>seq-num</i>	(Optional) Sequence Number
<i>soo</i>	(Optional) SOO
<i>next-hop</i>	(Optional) Next Hop
<i>peerid</i>	(Optional) Peer ID
<i>peer-ifindex</i>	(Optional) Peer Interface Index
<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

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 <mac-addr> <prod-type> <host-ip> [ <l3-info> ] [ <seq-num> ] [ <soo> ] <next-hop>
[ <peerid> ] [ <peer-ifindex> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

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)
<i>vpn-id</i>	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
<i>mac_addr</i>	(Optional) 48-bit MAC address value
host-ip	(Optional) Filter on Host IP address
<i>ipv4_host</i>	(Optional) IPv4 address
next-hop	(Optional) Filter on Next-Hop IP or Interface Name
<i>ipv4_addr</i>	(Optional) IPv4 address of Next Hop
<i>if-hdl</i>	(Optional) Interface index of Next Hop
detail	(Optional) Detailed information
<i>__readonly__</i>	(Optional)
TABLE_l2route_mac_ip	(Optional) L2RIB Mac-IP Table
<i>mac-addr</i>	(Optional) Mac Address
<i>prod-type</i>	(Optional) Producer Type
<i>host-ip</i>	(Optional) Host IP
<i>l3-info</i>	(Optional) L3 Information

<i>seq-num</i>	(Optional) Sequence Number
<i>soo</i>	(Optional) SOO
<i>next-hop</i>	(Optional) Next Hop
<i>peerid</i>	(Optional) Peer ID
<i>peer-ifindex</i>	(Optional) Peer Interface Index
<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

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> <next-hop> [ <peer-id> ] [ <seq-num> ] [ <soo> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

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
<i>topo-id</i>		(Optional) Topology ID
<i>mac-addr</i>		(Optional) Mac Address
<i>prod-type</i>		(Optional) Producer Type
<i>next-hop</i>		(Optional) Next Hop
<i>peer-id</i>		(Optional) Peer-ID
<i>seq-num</i>		(Optional) Sequence Number
<i>soo</i>		(Optional) SOO
<i>flags</i>		(Optional) Flags
<i>client-nfn</i>		(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn mac evi

```
show l2route evpn mac evi <vpn-id> [ static | local | bgp | vxlan ] [ mac <mac_addr> ] [ next-hop { <ipv4_addr>
| <ipv6_addr> | <if-hdl> } ] [ detail ] [ __readonly__ TABLE_l2route_mac <mac-addr> <prod-type> <next-hop>
[ <peer-id> ] [ <seq-num> ] [ <soo> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

Syntax Description	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)
<i>vpn-id</i>	E-VPN identifier (VLAN-ID or BD-ID)
static	(Optional) Filter on Static producer
local	(Optional) Filter on Local producer
bgp	(Optional) Filter on BGP producer
vxlan	(Optional) Filter on VXLAN producer
mac	(Optional) Filter on MAC address
<i>mac_addr</i>	(Optional) Enter 48-bit MAC address value
next-hop	(Optional) Filter on Next-Hop IP or Interface Name
<i>ipv4_addr</i>	(Optional) IPv4 address of Next Hop
<i>if-hdl</i>	(Optional) Interface index of Next Hop
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac	(Optional) L2RIB Mac Table
<i>mac-addr</i>	(Optional) Mac Address
<i>prod-type</i>	(Optional) Producer Type
<i>next-hop</i>	(Optional) Next Hop
<i>peer-id</i>	(Optional) Peer-ID
<i>seq-num</i>	(Optional) Sequence Number
<i>soo</i>	(Optional) SOO

<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

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-afhdl> ] [ <nve-afhdl> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

Syntax Description	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
<i>topo-id</i>	(Optional) Topology ID
<i>src-group</i>	(Optional) Source Group
<i>del-src-group</i>	(Optional) Delivery Source Group
<i>src-lpbk-afhdl</i>	(Optional) Source Loopback Interface Handle
<i>nve-afhdl</i>	(Optional) NVE Interface Handle
<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route evpn startup-route evi

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

Syntax Description

Syntax Description	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)
<i>vpn-id</i>	E-VPN identifier (VLAN-ID or BD-ID)
detail	(Optional) Detailed information
<i>__readonly__</i>	(Optional)
<i>TABLE_l2route_startup_route</i>	(Optional) L2RIB Startup-Route Table
<i>src-group</i>	(Optional) Source Group
<i>del-src-group</i>	(Optional) Delivery Source Group
<i>src-lpbk-ifhdl</i>	(Optional) Source Loopback Interface Handle
<i>nve-ifhdl</i>	(Optional) NVE Interface Handle
<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route fl topology

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

Syntax Description

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 topology ID
<i>topo-id</i>		topology ID
detail		(Optional) Detailed information
__readonly__		(Optional)
TABLE_l2route_fl		(Optional) L2RIB Flood List Table
<i>topo-id</i>		(Optional) Topology ID
<i>peer-id</i>		(Optional) Peer-ID
<i>flood-list</i>		(Optional) Flood List
<i>is-service-node</i>		(Optional) Is Service Node
<i>client-nfn</i>		(Optional) Client Notification Bitmap

Command Mode

- /exec

show l2route peerid

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

Syntax Description

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
<i>ip-hdl</i>	(Optional)	Interface Handle
<i>ip-addr</i>	(Optional)	IP Address
<i>if-idx</i>	(Optional)	Peer Interface Index
<i>peer-id</i>	(Optional)	Peer-ID
<i>num-macs</i>	(Optional)	Number of Macs

Command Mode

- /exec

show l2route summary

show l2route summary

Syntax Description

Syntax	Description
show	Show running system information
l2route	Layer 2 routing information base
summary	Summary

Command Mode

- /exec

show l2route topology

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

Syntax Description

Syntax Description

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

Command Mode

- /exec

show l2route topology

```
show l2route { mac | openflow mac | dataplane mac [ local | remote ] } { topology <topo-id> | all } [ detail ]
[ __readonly__ TABLE_l2route_mac [ <topo-id> ] <mac-addr> <prod-type> <next-hop> [ <peer-id> ] [
<seq-num> ] [ <soo> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

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 topology ID
	<i>topo-id</i>	topology ID
	detail	(Optional) Detailed information
	<i>__readonly__</i>	(Optional)
	TABLE_l2route_mac	(Optional) L2RIB Mac All Table
	<i>topo-id</i>	(Optional) Topology ID
	<i>mac-addr</i>	(Optional) Mac Address
	<i>prod-type</i>	(Optional) Producer Type
	<i>next-hop</i>	(Optional) Next Hop
	<i>peer-id</i>	(Optional) Peer-ID
	<i>seq-num</i>	(Optional) Sequence Number
	<i>soo</i>	(Optional) SOO
	<i>flags</i>	(Optional) Flags
	<i>client-nfn</i>	(Optional) Client Notification Bitmap

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> <prod-type> <host-ip> [ <l3-info> ] [ <seq-num> ] [
<soo> ] <next-hop> [ <peerid> ] [ <peer-ifindex> ] [ <flags> ] [ <client-nfn> ] ]
```

Syntax Description

Syntax Description	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 topology ID
<i>topo-id</i>	topology ID
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_l2route_mac_ip	(Optional) L2RIB Mac-IP Table
<i>topo-id</i>	(Optional) Topology ID
<i>mac-addr</i>	(Optional) Mac Address
<i>prod-type</i>	(Optional) Producer Type
<i>host-ip</i>	(Optional) Host IP
<i>l3-info</i>	(Optional) L3 Information
<i>seq-num</i>	(Optional) Sequence Number
<i>soo</i>	(Optional) SOO
<i>next-hop</i>	(Optional) Next Hop
<i>peerid</i>	(Optional) Peer ID
<i>peer-ifindex</i>	(Optional) Peer Interface Index
<i>flags</i>	(Optional) Flags
<i>client-nfn</i>	(Optional) Client Notification Bitmap

Command Mode

- /exec

show lacp counters

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

Syntax Description

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

Command Mode

- /exec

show lacp interface

```
show lacp interface [ <if0> ] [ __readonly__ <interface> <operational-state> <channel-group> <port-channel>
<pbus-sent> <pbus-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

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

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

Command Mode

- /exec

show lacp internal debug

```
show lacp internal debug [ interface <if0> ] [ __readonly__ <interface> <rx-state> <last-rx-time> <mux-state>
<mux-reason> <actor-churn-state> <partner-churn-state> <actor-churn-count> <partner-churn-count>
<actor-sync-trans-count> <partner-sync-trans-count> <actor-change-count> <partner-change-count> ]
```

Syntax Description

Syntax Description

show	Show running system information
lacp	LACP protocol
internal	Show lacp service internal status
debug	LACP debug
interface	(Optional) Specify a interface
<i>if0</i>	(Optional)
<i>__readonly__</i>	(Optional)
<i>interface</i>	(Optional) Ethernet interface
<i>rx-state</i>	(Optional) RX State
<i>last-rx-time</i>	(Optional) Last RX Time
<i>mux-state</i>	(Optional) MUX State
<i>mux-reason</i>	(Optional) MUX Reason
<i>actor-churn-state</i>	(Optional) Actor Churn state
<i>partner-churn-state</i>	(Optional) Partner Churn State
<i>actor-churn-count</i>	(Optional) Actor Churn Count
<i>partner-churn-count</i>	(Optional) Partner Churn Count
<i>actor-sync-trans-count</i>	(Optional) Actor Sync Transition Count
<i>partner-sync-trans-count</i>	(Optional) Partner Sync Transition Count
<i>actor-change-count</i>	(Optional) Actor Change Count
<i>partner-change-count</i>	(Optional) Partner Change Count

Command Mode

- /exec

show lacp internal debug buffer

show lacp internal debug buffer

Syntax Description

Syntax Description	show	Show running system information
	lacp	Show LACP information
	internal	Show lacp service internal status
	debug	LACP debug
	buffer	LACP debug buffer

Command Mode

- /exec

show lacp internal event-history errors

show lacp internal event-history errors

Syntax Description

Syntax Description		
show		Show running system information
lacp		Show lacp information
internal		Show lacp service internal status
event-history		Show event logs of lacp
errors		Show error logs of lacp

Command Mode

- /exec

show lacp internal event-history global

show lacp internal event-history global

Syntax Description

Syntax Description		
show		Show running system information
lacp		Show lacp information
internal		Show lacp service internal status
event-history		Show event logs of lacp
global		Show global event transition

Command Mode

- /exec

show lacp internal event-history interface

show lacp internal event-history interface <if0>

Syntax Description

Syntax Description		
show		Show running system information
lacp		Show lacp information
internal		Show lacp service internal status
event-history		Show event logs of lacp
interface		Show interface event transition
<i>if0</i>		Enter interface name

Command Mode

- /exec

show lacp internal event-history lock

show lacp internal event-history lock

Syntax Description

Syntax Description		
show		Show running system information
lacp		Show lacp information
internal		Show lacp service internal status
event-history		Show event logs of lacp
lock		Show lock logs of lacp

Command Mode

- /exec

show lacp internal event-history msgs

show lacp internal event-history msgs

Syntax Description

Syntax Description		
show		Show running system information
lacp		Show lacp information
internal		Show lacp service internal status
event-history		Show event logs of lacp
msgs		Show message logs of lacp

Command Mode

- /exec

show lacp internal info

```
show lacp internal info [ { global | all | log | reset } ]
```

Syntax Description

Syntax	Description
show	Show running system information
lacp	Show lacp information
internal	Show lacp service internal status
info	Show internal information
all	(Optional) Show all the internal information
global	(Optional) Display lacp global info
reset	(Optional) Display lacp global info
log	(Optional) Display min-links log

Command Mode

- /exec

show lacp internal info interface

show lacp internal info interface <if0> [detail { fsmlog }]

Syntax Description

Syntax Description	Description
show	Show running system information
lacp	Show lacp information
internal	Show lacp service internal status
info	Show internal information
interface	Display lacp interface info
detail	(Optional) For detailed dump
fsmlog	(Optional) For fsmlog dump
<i>if0</i>	Enter interface name

Command Mode

- /exec

show lacp internal mem-stats

show lacp internal mem-stats [detail]

Syntax Description

Syntax Description		
show	Show running system information	
lacp	Show lacp information	
internal	Show lacp service internal status	
mem-stats	Show memory allocation statistics of lacp	
detail	(Optional) Show detail memstats for lacp	

Command Mode

- /exec

show lacp internal mib

show lacp internal mib [__readonly__ <tables-last-changed>]

Syntax Description

Syntax Description		
show		Show running system information
lacp		LACP protocol
internal		Show lacp service internal status
mib		Show lacp mib information
__readonly__		(Optional)
<i>tables-last-changed</i>	(Optional)	<i>tables-last-changed</i>

Command Mode

- /exec

show lacp issu-impact

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

Syntax Description

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
<i>interface</i>	(Optional)	Port-channel Member

Command Mode

- /exec

show lacp neighbor

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

Syntax Description

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

Syntax Description

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

Syntax Description		
show		Show running system information
lacp		LACP protocol
system-identifier		Show system-identifier information
__readonly__	(Optional)	
<i>system-priority</i>	(Optional)	System priority
<i>system-mac</i>	(Optional)	System mac address

Command Mode

- /exec

show ldap-search-map

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

Syntax Description

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

Command Mode

- /exec

show ldap-server

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

Syntax Description

Syntax Description

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

Command Mode

- /exec

show ldap-server groups

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

Syntax Description

Syntax Description

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

Syntax Description

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

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

Command Mode

- /exec

show license

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

Syntax Description

Syntax Description		
	show	Show running system information
	license	show the contents of all the license files
	<i>__readonly__</i>	(Optional) Read only
	<i>lic_file_name</i>	(Optional) Name of the license file
	<i>lic_file_contents</i>	(Optional) License file contents

Command Mode

- /exec

show license brief

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

Syntax Description

Syntax Description		
show		Show running system information
license		show the contents of all the license files
brief		Show a list of license files
<i>__readonly__</i>	(Optional)	Read only
<i>lic_file_name</i>	(Optional)	Name of the license file

Command Mode

- /exec

show license file

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

Syntax Description

Syntax Description

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

Command Mode

- /exec

show license host-id

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

Syntax Description

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
<i>__readonly__</i>	(Optional) Read only
<i>host_id</i>	(Optional) unique id for this host for licensing

Command Mode

- /exec

show license reserved

show license reserved

Syntax Description

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

Command Mode

- /exec

show license usage

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

Syntax Description

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

Command Mode

- /exec

show line

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

Syntax Description

Syntax Description

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

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

Command Mode

- /exec

show line console connected

show line console connected [*__readonly__* <output>]

Syntax Description

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	
<i>__readonly__</i>	(Optional)	
<i>output</i>	(Optional) output string	

Command Mode

- /exec

show line console user-input-string

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

Syntax Description

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
<i>__readonly__</i>		(Optional)
<i>input</i>		(Optional) user input string

Command Mode

- /exec

show lisp ddt

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

Syntax Description

Syntax Description		
show		Show running system information
lisp		LISP show commands
ddt		LISP Delegated Database Tree (LISP-DDT)
vrf		(Optional) Display information for vrf
<i>vrf-name</i>		(Optional) VRF name
<i>vrf-known-name</i>		(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

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
<i>iid</i>	(Optional) Instance-ID for EID-prefix
<i>eid</i>	(Optional) IPv4 EID address
vrf	(Optional) Display information for vrf
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(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

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	
<i>iid</i>	(Optional) Instance-ID for EID-prefix	
<i>eid</i>	(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	
<i>vrf-name</i>	(Optional) VRF name	
<i>vrf-known-name</i>	(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

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
	<i>dyn-eid-name</i>	(Optional) Display a single dynamic-EID
	vrf	(Optional) Display information for vrf
	<i>vrf-name</i>	(Optional) VRF name
	<i>vrf-known-name</i>	(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

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

Command Mode

- /exec

show lisp internal event-history

show lisp internal event-history { cli | statistics | msgs | <lisp-event-hist> }

Syntax Description

Syntax Description	show	Show running system information
	lisp	Display LISP library buffer msgs or errors
	internal	Commands for internal use
	event-history	Display various event logs for LISP
	cli	Show LISP CLI related events
	statistics	Show LISP event-history statistics
	msgs	Show LISP event-history of MTS messages
	<i>lisp-event-hist</i>	Show LISP event log

Command Mode

- /exec

show lisp internal info

show lisp internal info

Syntax Description

Syntax Description	
show	Show running system information
lisp	LISP show commands
internal	Commands for internal use
info	Show internal lisp library information

Command Mode

- /exec

show lisp internal ip multicast routes

show lisp internal { ip | ipv6 } multicast routes

Syntax Description

Syntax Description		
show	Show running system information	
lisp	Display LISP library buffer msgs or errors	
internal	Commands for internal use	
ip	Display IP information	
ipv6	Display IPv6 information	
multicast	Show multicast related information	
routes	Show multicast routes	

Command Mode

- /exec /exec/configure/vrf

show lisp internal library-info

show lisp internal library-info

Syntax Description

Syntax Description		
show	Show running system information	
lisp	Display LISP library buffer msgs or errors	
internal	Commands for internal use	
library-info	Show various event logs of library	

Command Mode

- /exec

show lisp internal mem-stats

show lisp internal mem-stats [no-libs] [detail]

Syntax Description

Syntax Description		
show	Show running system information	
lisp	Display LISP memory usage information	
internal	Commands for internal use	
mem-stats	Show memory allocation statistics	
no-libs	(Optional) Exclude libraries	
detail	(Optional) Display detailed information	

Command Mode

- /exec

show lisp internal pss dyn-eid-source

show lisp internal pss dyn-eid-source

Syntax Description

Syntax Description		
	show	Show running system information
	lisp	Display LISP map cache entries
	internal	Commands for internal use
	pss	Display entries in PSS
	dyn-eid-source	Display discovered dynamic EID info in PSS

Command Mode

- /exec

show lisp internal pss map-cache

show lisp internal pss map-cache [<eid-prefix>]

Syntax Description

Syntax Description

show	Show running system information
lisp	Display LISP map cache entries
internal	Commands for internal use
pss	Display entries in PSS
map-cache	Display map cache entries
<i>eid-prefix</i>	(Optional) Display exact match for IP EID-prefix entry

Command Mode

- /exec

show lisp internal pss site

```
show lisp internal pss site [ <site-name> ]
```

Syntax Description

Syntax Description		
show	Show running system information	
lisp	Display LISP map cache entries	
internal	Commands for internal use	
pss	Display entries in PSS	
site	Display site-eid entries in PSS	
<i>site-name</i>	(Optional) VRF name	

Command Mode

- /exec

show lisp internal ufdm-pending ip

```
show lisp internal ufdm-pending { ip | ipv6 }
```

Syntax Description

Syntax Description		
show		Show running system information
lisp		Display LISP library buffer msgs or errors
internal		Commands for internal use
ufdm-pending		Display UFDm pending download queue
ip		Display IP information
ipv6		Display IPv6 information

Command Mode

- /exec

show lisp negative-prefix

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

Syntax Description

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

Command Mode

- /exec

show lisp proxy-itr

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

Syntax Description

Syntax Description		
show		Show running system information
lisp		LISP show commands
proxy-itr		Display discovered proxy-ITRs (PITRs)
vrf		(Optional) Display information for vrf
<i>vrf-name</i>		(Optional) VRF name
<i>vrf-known-name</i>		(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

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
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>eid</i>	(Optional) Display mapping for IP destination EID
<i>eid-prefix</i>	(Optional) Display exact match for IP EID-prefix entry
instance-id	(Optional) Instance EID-prefix registered in
<i>iid</i>	(Optional) Instance-ID value
<i>site-name</i>	(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

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
	<i>iid</i>	(Optional) Show detail for entries of a single Instance-ID
	vrf	(Optional) Display information for vrf
	<i>vrf-name</i>	(Optional) VRF name
	<i>vrf-known-name</i>	(Optional) Known VRF name

Command Mode

- /exec

show lisp smr

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

Syntax Description

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

Command Mode

- /exec

show lisp stats-cache

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

Syntax Description

Syntax Description		
show		Show running system information
lisp		LISP show commands
stats-cache		Show dynamic statistics cache
vrf		(Optional) Display per-VRF information
<i>vrf-name</i>		(Optional) VRF name
<i>vrf-known-name</i>		(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

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

Command Mode

- /exec

show lldp dcbx interface

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

Syntax Description

Syntax Description

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

Command Mode

- /exec

show lldp entry

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

Syntax Description

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

Syntax Description

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

p_ack_no (Optional) peer dcba control ack no

p_tlv_type (Optional) peer TLV type field

p_tlv_len (Optional) peer TLV len field

p_tlv_value (Optional) peer TLV value field

Command Mode

- /exec

show lldp neighbors

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

Syntax Description

Syntax Description	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
<i>if</i>	(Optional) Enter interface
<i>__readonly__</i>	(Optional)
<i>neigh_hdr</i>	(Optional)
TABLE_nbor	(Optional) Neighbor Table
<i>chassis_type</i>	(Optional) Chassis ID type
<i>chassis_id</i>	(Optional) Chassis ID
<i>l_port_id</i>	(Optional) Local port ID
<i>ttl</i>	(Optional) Time to live
<i>capability</i>	(Optional) Capability
<i>system_capability</i>	(Optional) System Capability
<i>enabled_capability</i>	(Optional) Enabled Capability
<i>port_type</i>	(Optional) Port ID type
<i>port_id</i>	(Optional) Port ID
<i>mgmt_addr_type</i>	(Optional) Management Address type
<i>mgmt_addr</i>	(Optional) Management Address
<i>mgmt_addr_ipv6_type</i>	(Optional) IPV6 Management Address type
<i>mgmt_addr_ipv6</i>	(Optional) IPV6 Management Address
<i>neigh_count</i>	(Optional)

Command Mode

- /exec

show lldp neighbors detail

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

Syntax Description

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

mgmt_addr_ipv6_type (Optional) IPV6 Management Address type

mgmt_addr_ipv6 (Optional) IPV6 Management Address

vlan_id (Optional) Vlan ID

invalid_vlan_id (Optional) Invalid Vlan ID

neigh_count (Optional)

Command Mode

- /exec

show lldp neighbors system-detail

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

Syntax Description

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

Command Mode

- /exec

show lldp portid-subtype

```
show lldp portid-subtype [ __readonly__ <portid_subtype> ]
```

Syntax Description

Syntax Description		
show		Show running system information
lldp		Show information about lldp
portid-subtype		Show lldp portid-subtype
__readonly__	(Optional)	
<i>portid_subtype</i>	(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

Syntax Description		
show		Show running system information
lldp		Show information about lldp
timers		Show lldp timers
<i>__readonly__</i>		(Optional)
<i>ttl</i>		(Optional) Time to Live for lldp info
<i>reinit</i>		(Optional) Interface reinit timer
<i>tx_interval</i>		(Optional) Wait interval between successive transmit
<i>tx_delay</i>		(Optional) Delay between successive frame transmissions
<i>hold_mplier</i>		(Optional) Hold multiplier for ttl
<i>notification_interval</i>		(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> <system-capabilities> <system-description> <system-name> <dcbpx> ]
```

Syntax Description

Syntax Description		
show		Show running system information
lldp		Show information about lldp
tlv-select		Show lldp tlv-select
<i>__readonly__</i>		(Optional)
<i>management-address-v4</i>	(Optional)	Management address v4
<i>management-address-v6</i>	(Optional)	Management address v6
<i>port-description</i>	(Optional)	Port description
<i>port-vlan</i>	(Optional)	Port vlan
<i>system-capabilities</i>	(Optional)	System capabilities
<i>system-description</i>	(Optional)	System description
<i>system-name</i>	(Optional)	System name
<i>dcbpx</i>	(Optional)	DCBXP

Command Mode

- /exec

show lldp traffic

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

Syntax Description

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

Command Mode

- /exec

show lldp traffic interface

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

Syntax Description

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

Command Mode

- /exec

show locator-led status

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

Syntax Description

Syntax Description		
show		Show running system information
locator-led		blink locator led on device
status		status
__readonly__		(Optional)
TABLE_loc_led_stat		(Optional)
<i>component</i>		(Optional)
<i>status</i>		(Optional)

Command Mode

- /exec

show logging

show logging

Syntax Description

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

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

console Show console logging configuration

Command Mode

- /exec

show logging info

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

Syntax Description

Syntax Description

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

fac_info (Optional) level info

Command Mode

- /exec

show logging internal info

show logging internal info

Syntax Description

Syntax Description	
show	Show running system information
logging	Show logging configuration
internal	logging internal information
info	logging internal information

Command Mode

- /exec

show logging last

show logging last <i0>

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

last Show last few lines of logfile

i0 Enter number of lines to display

Command Mode

- /exec

show logging level

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

Syntax Description

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

Command Mode

- /exec

show logging level aaa

show logging level aaa

Syntax Description

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 acmgr

show logging level acmgr

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

acmgr Show acmgr logging configuration

Command Mode

- /exec

show logging level adbm

show logging level adbm

Syntax Description

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

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

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

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

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

Command Mode

- /exec

show logging level bfd

show logging level bfd

Syntax Description

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

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

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

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

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

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

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

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

Command Mode

- /exec

show logging level cert_enroll

show logging level cert_enroll

Syntax Description

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

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

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

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

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

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

Command Mode

- /exec

show logging level core

show logging level core

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

core Show core daemon logging configuration

Command Mode

- /exec

show logging level cts

show logging level cts

Syntax Description

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

Command Mode

- /exec

show logging level dhcp_snoop

show logging level dhcp_snoop

Syntax Description

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

Command Mode

- /exec

show logging level diagnostic device_test

show logging level diagnostic device_test

Syntax Description

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

Command Mode

- /exec

show logging level diagnostic diagclient

show logging level diagnostic diagclient

Syntax Description

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

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

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 eigrp

show logging level eigrp [<eigrp-ptag>]

Syntax Description

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
<i>eigrp-ptag</i>	(Optional) Process tag

Command Mode

- /exec

show logging level eltm

show logging level eltm

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

eltm Show eltm logging configuration

Command Mode

- /exec

show logging level ethdstats

show logging level ethdstats

Syntax Description

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

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

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

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

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

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

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

Command Mode

- /exec

show logging level feature-mgr

show logging level feature-mgr

Syntax Description

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

Command Mode

- /exec

show logging level fs-daemon

show logging level fs-daemon

Syntax Description

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

Command Mode

- /exec

show logging level glbp

show logging level glbp

Syntax Description

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

Command Mode

- /exec

show logging level gpixm

show logging level gpixm

Syntax Description

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

Command Mode

- /exec

show logging level hsrp

show logging level hsrp

Syntax Description

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 im

show logging level im

Syntax Description

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

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

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

Command Mode

- /exec

show logging level ip igmp

show logging level ip igmp

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

ip Display IP information

igmp Show igmp logging configuration

Command Mode

- /exec

show logging level ip msdp

show logging level ip msdp

Syntax Description

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

Command Mode

- /exec

show logging level ip pim

show logging level ip pim

Syntax Description

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

Command Mode

- /exec

show logging level ip sla responder

show logging level ip sla responder

Syntax Description

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

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

Command Mode

- /exec

show logging level ipconf

```
show logging level ipconf [ ipv6 ]
```

Syntax Description

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

Syntax Description

show show

logging logging

level level

ipfib ipfib

Command Mode

- /exec

show logging level ipqos

show logging level ipqos

Syntax Description

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

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

Command Mode

- /exec

show logging level iscm

show logging level iscm

Syntax Description

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

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

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

Command Mode

- /exec

show logging level keystore

show logging level { keystore | sksd }

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

keystore Show Keystore logging configuration

sksd show Keystore/sksd logging configuration

Command Mode

- /exec

show logging level l2fm

show logging level l2fm

Syntax Description

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

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

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

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

ldap Show ldap logging configuration

Command Mode

- /exec

show logging level license

show logging level { license | licmgr }

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

license Show Licensing logging configuration

licmgr Show Licensing logging configuration

Command Mode

- /exec

show logging level lim

show logging level lim

Syntax Description

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

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

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

Command Mode

- /exec

show logging level mmode

show logging level mmode

Syntax Description

Syntax Description	<hr/> <code>show</code> Show running system information <hr/>
	<code>logging</code> Show logging configuration and contents of logfile <hr/>
	<code>level</code> Show facility logging configuration <hr/>
	<code>mmode</code> Show maintenance mode logging configuration <hr/>

Command Mode

- /exec

show logging level module

show logging level module

Syntax Description

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

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

Command Mode

- /exec

show logging level mpls ldp

show logging level mpls ldp

Syntax Description

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

Command Mode

- /exec

show logging level mpls manager

show logging level mpls manager

Syntax Description

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

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

Command Mode

- /exec

show logging level mpls traffic-eng

show logging level mpls traffic-eng

Syntax Description

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

Command Mode

- /exec

show logging level mvsh

show logging level mvsh

Syntax Description

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

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

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

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

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

nfm Show NFM logging configuration

Command Mode

- /exec

show logging level ngoam

show logging level ngoam

Syntax Description

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

Command Mode

- /exec

show logging level ntp

show logging level ntp

Syntax Description

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

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 onep

show logging level onep

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

onep One Platform

Command Mode

- /exec

show logging level openflow

show logging level openflow

Syntax Description

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

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

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

Command Mode

- /exec

show logging level otv

show logging level otv

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

otv Show OTV logging configuration

Command Mode

- /exec

show logging level otv isis

show logging level otv isis

Syntax Description

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

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

Command Mode

- /exec

show logging level pim

show logging level [ipv6] pim

Syntax Description

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

Command Mode

- /exec

show logging level pixm

show logging level pixm

Syntax Description

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

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

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

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

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

Command Mode

- /exec

show logging level plugin

show logging level plugin

Syntax Description

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

Command Mode

- /exec

show logging level poap

show logging level poap

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

poap Show poap logging configuration

Command Mode

- /exec

show logging level port-profile

show logging level port-profile

Syntax Description

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

Command Mode

- /exec

show logging level port-security

show logging level port-security

Syntax Description

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

Command Mode

- /exec

show logging level private-vlan

show logging level private-vlan

Syntax Description

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

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

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

Command Mode

- /exec

show logging level res_mgr

show logging level res_mgr

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

res_mgr Show res_mgr logging configuration

Command Mode

- /exec

show logging level rip

show logging level rip

Syntax Description

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

Command Mode

- /exec

show logging level rpm

show logging level rpm

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

rpm Show RPM logging configuration

Command Mode

- /exec

show logging level rsvp

show logging level rsvp

Syntax Description

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

Command Mode

- /exec

show logging level scheduler

show logging level scheduler

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

scheduler Show scheduler logging configuration

Command Mode

- /exec

show logging level security

show logging level security

Syntax Description

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

Command Mode

- /exec

show logging level session-mgr

show logging level session-mgr

Syntax Description

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

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

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

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

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

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

Command Mode

- /exec

show logging level stripcl

show logging level stripcl

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

stripcl Show stripcl logging configuration

Command Mode

- /exec

show logging level sysmgr

show logging level sysmgr

Syntax Description

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

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 track

show logging level track

Syntax Description

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

Command Mode

- /exec

show logging level tunnel

show logging level tunnel

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

tunnel Show tunnel logging settings

Command Mode

- /exec

show logging level u6rib

show logging level u6rib

Syntax Description

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 udd

show logging level udd

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

udd Show udd logging configuration

Command Mode

- /exec

show logging level urib

show logging level urib

Syntax Description

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

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

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

Command Mode

- /exec

show logging level vmm

show logging level vmm

Syntax Description

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

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

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

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

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

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

Command Mode

- /exec

show logging level vshd

show logging level vshd

Syntax Description

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

level Show facility logging configuration

Command Mode

- /exec

show logging level xbar

show logging level xbar

Syntax Description

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

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

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
	<i>s1</i>	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

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

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
<i>i0</i>	Enter starting sequence number
end-seqn	(Optional) Show messages from logfile from a given end-sequence-number
<i>i1</i>	(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

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
<i>i0</i>	Enter year in YYYY format
<i>s0</i>	Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>i1</i>	Enter day of month in dd format
<i>s1</i>	Enter hour, minutes, seconds as HH:MM:SS
end-time	(Optional) Show messages from logfile up to a given end-time
<i>i2</i>	(Optional) Enter year in YYYY format
<i>s2</i>	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>i3</i>	(Optional) Enter day of month in dd format
<i>s3</i>	(Optional) Enter hour, minutes, seconds as HH:MM:SS

Command Mode

- /exec

show logging loopback

show logging loopback

Syntax Description

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

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

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

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
	<i>i0</i>	(Optional) Enter number of lines to display
	<i>__readonly__</i>	(Optional)
	<i>error</i>	(Optional) error message
	TABLE_nvram	(Optional) nvram log prints
	<i>log</i>	(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

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
<i>s0</i>	End time format - mm/dd/yy-HH:MM:SS
internal	(Optional) Show Logging Onboard Internal
module	Show OBFL information for Module
<i>module</i>	Enter module number
endtime1	Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s1</i>	End time format - mm/dd/yy-HH:MM:SS
starttime	Show OBFL logs from start time mm/dd/yy-HH:MM:SS
<i>s2</i>	Start time format - mm/dd/yy-HH:MM:SS
endtime2	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s3</i>	(Optional) End time format - mm/dd/yy-HH:MM:SS
starttime1	Show OBFL logs from start time mm/dd/yy-HH:MM:SS
<i>s4</i>	Start time format - mm/dd/yy-HH:MM:SS
endtime3	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s5</i>	(Optional) End time format - mm/dd/yy-HH:MM:SS
<i>dc3_options</i>	(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

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
<i>s0</i>	(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
<i>i0</i>	(Optional)
<i>common_options</i>	(Optional) give the options
port1	(Optional) Show OBFL error statistics for a port
<i>i1</i>	(Optional)
module	(Optional) Show OBFL information for Module
<i>module</i>	(Optional) Enter module number
endtime1	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s1</i>	(Optional) End time format - mm/dd/yy-HH:MM:SS
port3	(Optional) Show OBFL error statistics for a port
<i>i3</i>	(Optional)

port4	(Optional) Show OBFL error statistics for a port
<i>i4</i>	(Optional)
starttime	(Optional) Show OBFL logs from start time mm/dd/yy-HH:MM:SS
<i>s2</i>	(Optional) Start time format - mm/dd/yy-HH:MM:SS
endtime2	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s3</i>	(Optional) End time format - mm/dd/yy-HH:MM:SS
port6	(Optional) Show OBFL error statistics for a port
<i>i6</i>	(Optional)
port7	(Optional) Show OBFL error statistics for a port
<i>i7</i>	(Optional)
starttime1	(Optional) Show OBFL logs from start time mm/dd/yy-HH:MM:SS
<i>s4</i>	(Optional) Start time format - mm/dd/yy-HH:MM:SS
endtime3	(Optional) Show OBFL logs till end time mm/dd/yy-HH:MM:SS
<i>s5</i>	(Optional) End time format - mm/dd/yy-HH:MM:SS
port8	(Optional) Show OBFL error statistics for a port
<i>i8</i>	(Optional)
port9	(Optional) Show OBFL error statistics for a port
<i>i9</i>	(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
<i>i10</i>	(Optional)
credit-loss	(Optional) Show OBFL Credit Loss logs
last	(Optional) Show last min/hour/day logs
<i>last_no</i>	(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

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

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

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

Syntax Description

show Show running system information

logging Show logging configuration and contents of logfile

pending server address pending configuration

Command Mode

- /exec

show logging server

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

Syntax Description

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

Command Mode

- /exec

show logging session status

show logging session status

Syntax Description

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

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

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

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

```
show login [ __readonly__ [ <acc_list> <attempts> ] [ <within> <block_for> <time> ] [ <fail_count> ] ]
```

Syntax Description

Syntax Description

<code>show</code>	Show running system information
<code>login</code>	Display Secure Login Configurations and State
<code>__readonly__</code>	(Optional)
<code>acc_list</code>	(Optional) Applied ACL's
<code>attempts</code>	(Optional) Number of login failures
<code>within</code>	(Optional) Number of login failures within time
<code>block_for</code>	(Optional) Login disabled for time
<code>time</code>	(Optional) Time remaining to re-enable login
<code>fail_count</code>	(Optional) Login failure count

Command Mode

- /exec

show login failures

```
show login failures [ __readonly__ [ { TABLE_loginStats <username> <port> <remote_addr> <app_name>
<time> } ] ]
```

Syntax Description

Syntax Description		
show		Show running system information
login		Secure Login
failures		Display Login failures in the current watch period
__readonly__	(Optional)	
TABLE_loginStats	(Optional)	
<i>username</i>	(Optional)	User name
<i>port</i>	(Optional)	Login port number
<i>remote_addr</i>	(Optional)	Remote address
<i>app_name</i>	(Optional)	Application name
<i>time</i>	(Optional)	Login time

Command Mode

- /exec

show login on-failure log

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

Syntax Description

Syntax Description		
show	show	
login	login	
on-failure	authentication failure	
log	Log	
<i>__readonly__</i>	(Optional)	
<i>status</i>	(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

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

show login on-successful log