



M Show Commands

- [show mac-list](#), on page 3
- [show mac-move policy](#), on page 4
- [show mac address-table](#), on page 5
- [show mac address-table](#), on page 7
- [show mac address-table aging-time](#), on page 9
- [show mac address-table count](#), on page 10
- [show mac address-table count es](#), on page 12
- [show mac address-table limit](#), on page 13
- [show mac address-table limit user-defined](#), on page 14
- [show mac address-table loop-detect](#), on page 15
- [show mac address-table multicast](#), on page 16
- [show mac address-table notification mac-move](#), on page 17
- [show macsec mka](#), on page 18
- [show macsec mka session](#), on page 19
- [show macsec mka statistics](#), on page 20
- [show macsec policy](#), on page 21
- [show macsec secy statistics](#), on page 22
- [show maintenance maint-delay](#), on page 23
- [show maintenance on-reload reset-reasons](#), on page 24
- [show maintenance profile](#), on page 25
- [show maintenance snapshot-delay](#), on page 26
- [show maintenance timeout](#), on page 27
- [show mcast](#), on page 28
- [show mdns-sd controller detail](#), on page 29
- [show mdns-sd controller export-summary](#), on page 30
- [show mdns-sd controller service-list](#), on page 31
- [show mdns-sd controller service-policy](#), on page 32
- [show mdns-sd controller statistics](#), on page 33
- [show mdns-sd controller summary](#), on page 34
- [show mdns-sd filter-results](#), on page 35
- [show mdns-sd service-definition](#), on page 36
- [show mdns-sd service-list](#), on page 37
- [show mdns-sd service-policy](#), on page 38

- [show mdns-sd statistics global](#), on page 39
- [show mdns-sd statistics raw-stats](#), on page 40
- [show mdns-sd summary](#), on page 41
- [show mdns-sd summary vlan](#), on page 42
- [show module](#), on page 43
- [show module bandwidth-fairness](#), on page 44
- [show module port type](#), on page 45
- [show module uptime](#), on page 46
- [show monitor](#), on page 47
- [show monitor session](#), on page 48
- [show mpls extended-ecmp](#), on page 49
- [show mpls forwarding statistics](#), on page 50
- [show mpls interfaces](#), on page 51
- [show mpls interfaces detail](#), on page 52
- [show mpls interfaces statistics](#), on page 53
- [show mpls ip bindings](#), on page 54
- [show mpls ip bindings summary](#), on page 56
- [show mpls ip ttl](#), on page 57
- [show mpls label range](#), on page 58
- [show mpls load-sharing](#), on page 59
- [show mpls oam echo statistics](#), on page 60
- [show mpls static binding](#), on page 61
- [show mpls strip labels](#), on page 62
- [show mpls switching](#), on page 63
- [show mpls switching clients](#), on page 65
- [show mts-buildup check](#), on page 66
- [show mvpn bgp mdt](#), on page 67
- [show mvpn bgp mdt](#), on page 68
- [show mvpn mdt encap](#), on page 69
- [show mvpn mdt encap](#), on page 70
- [show mvpn mdt route](#), on page 71
- [show mvpn mdt route](#), on page 72
- [show mvr](#), on page 73
- [show mvr groups](#), on page 74
- [show mvr interface](#), on page 75
- [show mvr members](#), on page 76
- [show mvr members count](#), on page 77
- [show mvr members vlan](#), on page 78
- [show mvr receiver-ports](#), on page 79
- [show mvr source-ports](#), on page 80

show mac-list

```
show mac-list { [ { <maclist-name> | <maclist-cfg-name> } [ { seq <seq_no> | { <mac_addr> [ <mac_mask> ] } } ] ] }
```

Syntax Description

show	Show running system information
mac-list	Show mac-lists
<i>maclist-name</i>	(Optional) Name of mac-list
<i>maclist-cfg-name</i>	(Optional) Known mac-list name
seq	(Optional) Sequence number
<i>seq_no</i>	(Optional) Sequence number
<i>mac_addr</i>	(Optional) MAC address
<i>mac_mask</i>	(Optional) MAC mask

Command Mode

- /exec

show mac-move policy

show mac-move policy

Syntax Description

show	Show
mac-move	Display mac-move policy
policy	Display mac-move policy

Command Mode

- /exec

show mac address-table

```
show mac address-table <module> [ count ] [ static | dynamic | secure ] [ { [ address1 <mac-addr> | { switch-id
<swid> [ sub-switch-id <sswid> ] } ] | vlan1 <id> | [ vdc1 <vdc> | <e-vdc> ] | fe1 <feid> ] + } | { [ address
<mac-addr> | interface <interface-name> | vlan <id> | [ vdc <vdc> | <e-vdc> ] | fe <feid> ] + } ] [ hex ]
```

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
<i>module</i>	Module Number
count	(Optional) Number of entries
static	(Optional) Display Static Entries
dynamic	(Optional) Display Dynamic Entries
secure	(Optional) Display Secure Entries
address	(Optional) address
address1	(Optional) address
<i>mac-addr</i>	(Optional) MAC Address
switch-id	(Optional) Remote Switch ID
<i>swid</i>	(Optional) Switch ID
sub-switch-id	(Optional) Remote Sub Switch ID
<i>sswid</i>	(Optional) Sub Switch ID
interface	(Optional) Interface
<i>interface-name</i>	(Optional) Interface name
vlan	(Optional) VLAN
vlan1	(Optional) VLAN
<i>id</i>	(Optional) VLAN ID
vdc	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vdc1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>vdc</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>e-vdc</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

fe	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
fe1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>feid</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
hex	(Optional) display swid/sswid/lid in hex

Command Mode

- /exec

show mac address-table

```
show mac address-table [ static | dynamic | secure ] [ local ] [ { [ address1 <mac-addr> | { switch-id <swid>
[ sub-switch-id <sswid> ] } | vlan1 <id> ] + } | { [ address <mac-addr> | interface <interface-name> | vlan
<id> ] + } | { [ address2 <mac-addr> | interface1 <interface-name> | vni <vni-id> | [ peer-ip <peer-ipv4> |
peer-ipv6 <peer-ipv6> ] ] + } | { [ address3 <mac-addr> | interface2 <interface-name> | vni1 <vni-id> | es {
<esid-opt1> | <esid-opt2> | all } ] + } ]
```

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
static	(Optional) Display Static Entries
dynamic	(Optional) Display Dynamic Entries
secure	(Optional) Display Secure Entries
local	(Optional) Display MAC Entries Learned Locally and Not on the Overlay/VXLAN
address	(Optional) address
address1	(Optional) address
address2	(Optional) address
address3	(Optional) address
<i>mac-addr</i>	(Optional) MAC Address
switch-id	(Optional) Remote Switch ID
<i>swid</i>	(Optional) Switch ID
sub-switch-id	(Optional) Remote Sub Switch ID
<i>sswid</i>	(Optional) Sub Switch ID
interface	(Optional) Interface
interface1	(Optional) Interface
<i>interface-name</i>	(Optional) Interface name
interface2	(Optional) Interface
<i>interface-name</i>	(Optional) Interface name
vlan	(Optional) VLAN

vlan1	(Optional) VLAN
<i>id</i>	(Optional) VLAN ID
vni	(Optional) VXLAN Network Identifier
vni1	(Optional) VXLAN Network Identifier
<i>vni-id</i>	(Optional) VXLAN Network Identifier
peer-ip	(Optional) VXLAN Peer IP Address
<i>peer-ipv4</i>	(Optional) VXLAN Peer IP Address
peer-ipv6	(Optional) VXLAN Peer IPv6 Address
es	(Optional) EVPN Remote ESID
<i>esid-opt1</i>	(Optional) EE:EE:EE:EE:EE:EE:EE:EE:EE:EE ESID Option 1
<i>esid-opt2</i>	(Optional) EEEE.EEEE.EEEE.EEEE.EEEE ESID Option 2
all	(Optional) all ESIs

Command Mode

- /exec

show mac address-table aging-time

show mac address-table aging-time

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
aging-time	Configured/default age

Command Mode

- /exec

show mac address-table count

```
show mac address-table count [ static | dynamic | secure ] [ local ] [ { [ interface <interface-name> | { switch-id
<swid> [ sub-switch-id <sswid> ] } | vlan <id> ] + } | { [ interface1 <interface-name> | vni <vni-id> | [ peer-ip
<peer-ipv4> | peer-ipv6 <peer-ipv6> ] ] + } ]
```

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
count	Number of MAC entries
static	(Optional) Display Static Entries
dynamic	(Optional) Display Dynamic Entries
secure	(Optional) Display Secure Entries
local	(Optional) Display MAC Entries Learned Locally and Not on the Overlay/VXLAN
vlan	(Optional) VLAN
<i>id</i>	(Optional) VLAN ID
interface	(Optional) Interface
interface1	(Optional) Interface
<i>interface-name</i>	(Optional) Interface name
switch-id	(Optional) Remote Switch ID
<i>swid</i>	(Optional) Switch ID
sub-switch-id	(Optional) Remote Sub Switch ID
<i>sswid</i>	(Optional) Sub Switch ID
vni	(Optional) VXLAN Network Identifier
<i>vni-id</i>	(Optional) VXLAN Network Identifier
peer-ip	(Optional) VXLAN Peer IP Address
<i>peer-ipv4</i>	(Optional) VXLAN Peer IP Address
peer-ipv6	(Optional) VXLAN Peer IPv6 Address

Command Mode

- /exec

show mac address-table count es

show mac address-table count es { <es-id> | <es-id2> | all }

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
count	Number of MAC entries
es	EVPN Remote ESID
<i>es-id</i>	EE:EE:EE:EE:EE:EE:EE:EE:EE ESID
<i>es-id2</i>	EEEE.EEEE.EEEE.EEEE.EEEE ESID
all	all ESIs

Command Mode

- /exec

show mac address-table limit

show mac address-table limit { all | system | vlan | interface }

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
limit	Configured/default mac limit

Command Mode

- /exec

show mac address-table limit user-defined

show mac address-table limit user-defined

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
limit	mac limit
user-defined	limit the number of unique mac addresses used on any type of L3 interface

Command Mode

- /exec

show mac address-table loop-detect

show mac address-table loop-detect

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC
loop-detect	Display Action for Mac Loop Detection

Command Mode

- /exec

show mac address-table multicast

show mac address-table multicast [vlan <vlan> | bridge-domain <bdid>]

Syntax Description

show	Show running system information
mac	MAC configuration commands
address-table	MAC Address Table
multicast	mcast mac OIF Static Entry
vlan	(Optional) VLAN
<i>vlan</i>	(Optional) VLAN
bridge-domain	(Optional) BD
<i>bdid</i>	(Optional) BD

Command Mode

- /exec

show mac address-table notification mac-move

show mac address-table notification mac-move

Syntax Description

show	show
mac	MAC configuration commands
address-table	MAC Address Table
notification	Display Notification Information
mac-move	Mac Move Notification

Command Mode

- /exec

show macsec mka

show macsec mka [summary]

Syntax Description

show	Show running system information
macsec	Show MACSEC information
mka	Show MKA information
summary	(Optional) Show MKA summary information

Command Mode

- /exec

show macsec mka session

show macsec mka session [interface <ifname>] [details]

Syntax Description

show	Show running system information
macsec	Show MACSEC information
mka	Show MKA information
session	Show MKA session information
interface	(Optional) Specify interface
<i>ifname</i>	(Optional) Interface list
details	(Optional) Show MKA detailed information

Command Mode

- /exec

show macsec mka statistics

show macsec mka statistics [interface <ifname>]

Syntax Description

show	Show running system information
macsec	Show MACSEC information
mka	Show MKA information
statistics	Show MKA statistics
interface	(Optional) Specify interface
<i>ifname</i>	(Optional) Interface list

Command Mode

- /exec

show macsec policy

show macsec policy [<policy_name>]

Syntax Description

show	Show running system information
macsec	Show MACSEC policy information
policy	Show MACSEC policy information
<i>policy_name</i>	(Optional) Name of MACSEC Policy

Command Mode

- /exec

show macsec secy statistics

show macsec secy statistics [interface <ifname>]

Syntax Description

show	Show running system information
macsec	Show MACSEC information
secy	Show MACSEC secy entity information
statistics	Show MACSEC secy statistics
interface	(Optional) Specify interface
<i>ifname</i>	(Optional) Interface list

Command Mode

- /exec

show maintenance maint-delay

show maintenance maint-delay

Syntax Description

show	Show running system information
maintenance	maintenance
maint-delay	maintenance mode CLI release delay value

Command Mode

- /exec

show maintenance on-reload reset-reasons

show maintenance on-reload reset-reasons

Syntax Description

show	Show running system information
maintenance	maintenance
on-reload	on reload maintenance mode configuration
reset-reasons	system reset reasons

Command Mode

- /exec

show maintenance profile

show maintenance profile [<mode>]

Syntax Description

show	Show running system information
maintenance	maintenance
profile	maintenance profile
<i>mode</i>	(Optional)

Command Mode

- /exec

show maintenance snapshot-delay

show maintenance snapshot-delay

Syntax Description

show	Show running system information
maintenance	maintenance
snapshot-delay	after_maintenance snapshot delay value

Command Mode

- /exec

show maintenance timeout

show maintenance timeout

Syntax Description

show	Show running system information
maintenance	maintenance
timeout	timeout value

Command Mode

- /exec

show mcast

show mcast [vsan <i0>]

Syntax Description

show	Show running system information
vsan	(Optional) Enter VSAN
<i>i0</i>	(Optional) VSAN id

Command Mode

- /exec

show mdns-sd controller detail

show mdns-sd controller detail

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
detail	mDNS Controller Detail

Command Mode

- /exec

show mdns-sd controller export-summary

show mdns-sd controller export-summary

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
export-summary	mDNS Controller Summary

Command Mode

- /exec

show mdns-sd controller service-list

```
show mdns-sd controller service-list [ { name <sl-name> } ]
```

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
service-list	mDNS Service List
name	(Optional) mDNS Service List Name
<i>sl-name</i>	(Optional) mDNS Service List Name

Command Mode

- /exec

show mdns-sd controller service-policy

```
show mdns-sd controller service-policy [ { name <ser-pol-name> } ]
```

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
service-policy	mDNS Service Policy
name	(Optional) Specify name of mDNS Service Policy
<i>ser-pol-name</i>	(Optional) mDNS Service Policy Name

Command Mode

- /exec

show mdns-sd controller statistics

show mdns-sd controller statistics

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
statistics	mDNS Controller Statistics

Command Mode

- /exec

show mdns-sd controller summary

show mdns-sd controller summary

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
controller	mDNS Controller
summary	mDNS Controller Summary

Command Mode

- /exec

show mdns-sd filter-results

show mdns-sd filter-results <rr_name> <pol_name> <vlan-id> <filter-dir> <msg-data-type>

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
filter-results	check filter results by inputting the arguments
<i>rr_name</i>	input RR name
<i>pol_name</i>	input pol name
<i>vlan-id</i>	input vlan-id
<i>filter-dir</i>	input filter direction in(1)/out(2)
<i>msg-data-type</i>	input msg-data-type query(1)/advertisement(2)

Command Mode

- /exec

show mdns-sd service-definition

```
show mdns-sd service-definition [ { name <ser-def-name> } | { type { built-in | custom } } ]
```

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
service-definition	mDNS Service Definition
name	(Optional) mDNS Service Definition Name
<i>ser-def-name</i>	(Optional) mDNS Service Definition Name
type	(Optional) mDNS Service Definition Type
built-in	(Optional) Built-in Service Definition
custom	(Optional) Custom Service Definition

Command Mode

- /exec

show mdns-sd service-list

```
show mdns-sd service-list [ { direction { in | out } } | { name <sl-name> } ]
```

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
service-list	mDNS Service List
direction	(Optional) mDNS Service List Direction
in	(Optional) Service List of type IN
out	(Optional) Service List of type OUT
name	(Optional) mDNS Service List Name
<i>sl-name</i>	(Optional) mDNS Service List Name

Command Mode

- /exec

show mdns-sd service-policy

```
show mdns-sd service-policy [ { name <ser-pol-name> } ]
```

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
service-policy	mDNS Service Policy
name	(Optional) Specify name of mDNS Service Policy
<i>ser-pol-name</i>	(Optional) mDNS Service Policy Name

Command Mode

- /exec

show mdns-sd statistics global

show mdns-sd statistics global

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
statistics	mDNS Statistics
global	mDNS global Statistics

Command Mode

- /exec

show mdns-sd statistics raw-stats

show mdns-sd statistics raw-stats { all | all-non-zero | <index> }

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
statistics	mDNS Statistics
raw-stats	mDNS rawStats Statistics
all	ALL Raw stats
all-non-zero	ALL non-zero Raw stats
<i>index</i>	Specify the index of Raw Stats

Command Mode

- /exec

show mdns-sd summary

show mdns-sd summary

Syntax Description

show	Show running system information
mdns-sd	mDNS Gateway
summary	mDNS Summary

Command Mode

- /exec

show mdns-sd summary vlan

show mdns-sd summary vlan <vlan-id>

Syntax Description

show	Show running system information
mdns-sd	MDNS Gateway
summary	mDNS Summary
vlan	mDNS Vlan Summary
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec

show module

```
show module [ { <module> } | { <s0> [ <santa-cruz-range> ] } | { fabric [ <module> ] } ]
```

Syntax Description

show	Show running system information
module	Show module information
<i>module</i>	(Optional) Enter module number
<i>s0</i>	(Optional) Show xbar information
<i>santa-cruz-range</i>	(Optional) please enter the xbar number
fabric	(Optional) Show fabric information

Command Mode

- /exec

show module bandwidth-fairness

show module <module> bandwidth-fairness

Syntax Description

show	Show running system information
module	Show module information
<i>module</i>	Enter module number
bandwidth-fairness	Show bandwidth fairness status

Command Mode

- /exec

show module port type

show module <module1> port type

Syntax Description

show	Show running system information
module	Show module information
<i>module1</i>	Enter module number
port	Show port type
type	Show port type

Command Mode

- /exec

show module uptime

show module uptime

Syntax Description

show	Show running system information
module	Show module information
uptime	Show how long the module has been up and running

Command Mode

- /exec

show monitor

show monitor

Syntax Description

show	Show running system information
monitor	Show Ethernet SPAN information

Command Mode

- /exec

show monitor session

show monitor session { all | <session_number> | warp | range <session_range> } [{ drops | brief | stats }]

Syntax Description

show	Show running system information
monitor	Show Ethernet SPAN information
session	Show session info
all	All sessions
<i>session_number</i>	
warp	warp session
range	Specify a range
<i>session_range</i>	
brief	(Optional) Brief information
drops	(Optional) show drop count
stats	(Optional) show monitor stats

Command Mode

- /exec

show mpls extended-ecmp

show mpls extended-ecmp

Syntax Description

show	Show running system information
mpls	MPLS routing ECMP mode
extended-ecmp	extended-ecmp mode

Command Mode

- /exec

show mpls forwarding statistics

show mpls forwarding statistics [interface { <interface> | all }]

Syntax Description

show	Show running system information
mpls	MPLS information
forwarding	Display MPLS software forwarded
statistics	Traffic statistics
interface	(Optional) Interface specific information
<i>interface</i>	(Optional) Interface chosen to display statistics
all	(Optional) All interfaces

Command Mode

- /exec

show mpls interfaces

show mpls interfaces

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
interfaces	Display MPLS Interfaces

Command Mode

- /exec

show mpls interfaces detail

show mpls interfaces detail

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
interfaces	Interfaces
detail	Detail

Command Mode

- /exec

show mpls interfaces statistics

show mpls interfaces <ifname> statistics

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
interfaces	Interfaces
<i>ifname</i>	Interface Name
statistics	statistics

Command Mode

- /exec

show mpls ip bindings

```
show mpls ip bindings [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ generic ] [ { <prefix> { <mask> |
<mask-length> } | <prefix-mask> } [ longer-prefix ] ] [ neighbor <addr> | local ] [ [ local-label <local-label>
[ local-to <local-label-max> ] ] | [ remote-label <remote-label> [ remote-to <remote-label-max> ] ] ] [
advertisement-prefix-list | detail ]
```

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
ip	MPLS IP information
bindings	Show the MPLS IP Label Information Base (LIB)
vrf	(Optional) VRF Routing/Forwarding instance information
<i>vrf-name</i>	(Optional) VPN Routing/Forwarding instance name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display LIB information in all VRFs
generic	(Optional) Display generic labels
<i>prefix</i>	(Optional) Destination prefix
<i>mask</i>	(Optional) Destination prefix mask
<i>mask-length</i>	(Optional) Mask length
<i>prefix-mask</i>	(Optional) Destination prefix/mask
longer-prefix	(Optional) Include longer matches
neighbor	(Optional) Display labels from LDP neighbor
<i>addr</i>	(Optional) IP adjacency address
local	(Optional) Display only locally assigned labels
local-label	(Optional) Match locally assigned label values
<i>local-label</i>	(Optional) Locally assigned label value
local-to	(Optional) Label range
<i>local-label-max</i>	(Optional) Locally assigned label value
remote-label	(Optional) Match remotely assigned label values
<i>remote-label</i>	(Optional) Remotely assigned label value

remote-to	(Optional) Label range
<i>remote-label-max</i>	(Optional) Remotely assigned label value
advertisement-prefix-list	(Optional) Show advertisement prefix lists
detail	(Optional) Show detailed information

Command Mode

- /exec

show mpls ip bindings summary

show mpls ip bindings summary

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
ip	MPLS IP information
bindings	Show the MPLS IP Label Information Base (LIB)
summary	Show summary information

Command Mode

- /exec

show mpls ip ttl

show mpls ip ttl

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
ip	Display IP information
ttl	TTL related information

Command Mode

- /exec

show mpls label range

show mpls label range

Syntax Description

show	Show running system information
mpls	MPLS configuration commands
label	Label properties
range	Label range

Command Mode

- /exec

show mpls load-sharing

show mpls load-sharing

Syntax Description

show	Show running system information
mpls	MPLS information
load-sharing	Show mpls load sharing options

Command Mode

- /exec

show mpls oam echo statistics

show mpls oam echo statistics [summary]

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
oam	Display OAM information
echo	Echo request information
statistics	Detailed Echo packet statistics
summary	(Optional) Echo packet statistics summary

Command Mode

- /exec

show mpls static binding

```
show mpls static binding [ vrf { <vrf-name> | <vrf-known-name> } ] { { ipv4 [ <prefix> { <mask> |
<mask-length> } | <prefix-mask> ] [ local | remote ] [ nexthop <addr> ] [ inconsistency ] [ lsp <slb_name> ]
} | { ipv6 [ <ipv6-prefix> ] [ local | remote ] [ ipv6-nexthop <ipv6-addr> ] [ inconsistency ] } | all [ inconsistency
] }
```

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
static	Show MPLS static information
binding	Show static label bindings
ipv4	Show ipv4 static label bindings
ipv6	Show ipv6 static label bindings
all	Show all static label bindings
vrf	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
local	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
remote	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
inconsistency	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>prefix</i>	(Optional) Destination ipv4 prefix
<i>mask</i>	(Optional) Destination ipv4 prefix mask
<i>mask-length</i>	(Optional) Ipv4 mask length
<i>prefix-mask</i>	(Optional) Destination prefix/mask
nexthop	(Optional) Ipv4 next hop address
<i>addr</i>	(Optional) Ipv4 Next hop address
ipv6-nexthop	(Optional) Ipv6 next hop address
lsp	(Optional) LSP Name

Command Mode

- /exec

show mpls strip labels

show mpls strip labels [all | static | dynamic | <label_val>]

Syntax Description

show	Show running system information
mpls	MPLS information
strip	Stripping of MPLS headers
labels	labels added in the system
all	(Optional) all labels [default]
static	(Optional) labels programmed using cli
dynamic	(Optional) dynamically learned
<i>label_val</i>	(Optional) Label to show

Command Mode

- /exec

show mpls switching

```
show mpls switching [ labels <label> [ <max-label> ] | interface <intf> | { <ip-addr> | <ipv4-prefix> } [ vrf
{ <vrf-name> | <vrf-known-name> | all } ] | <ipv6-prefix> [ vrf { <vrf-name> | <vrf-known-name> | all } ] |
traffic-eng srpath [ <srte-path-id> ] | aggregate [ ipv4 | ipv6 ] [ vrf { <vrf-name> | <vrf-known-name> | all }
] | { fec { ipv4_prefix [ vrf { <vrf-name> | <vrf-known-name> | all } ] | ipv6_prefix [ vrf { <vrf-name> |
<vrf-known-name> | all } ] | deagg [ vrf { <vrf-name> | <vrf-known-name> | all | ias_vpnv4 | ias_vpnv6 } ]
| per-bd <per-bd-vlan-id> } } | { summary } ] [ detail ] [ private ] [ vrf { <vrf-name> | <vrf-known-name> |
all } ]
```

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
switching	Display the MPLS label switching database
traffic-eng	(Optional) Show traffic-engineering related entries
srpath	(Optional) Show traffic-engineering segment-routing path entries
<i>ip-addr</i>	(Optional) Match destination address
<i>ipv4-prefix</i>	(Optional) Specify an IP prefix/mask
fec	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
private	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
labels	(Optional) Show a specific label-related information
<i>label</i>	(Optional) Low label value
<i>max-label</i>	(Optional) High label value
interface	(Optional) Match outgoing interface
aggregate	(Optional) Show aggregate-related information
<i>intf</i>	(Optional) Specify outgoing interface
summary	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
detail	(Optional) Detailed information
ipv4_prefix	(Optional) IPv4 prefix
ipv6_prefix	(Optional) IPv6 prefix
ipv4	(Optional) Display IPv4 information
ipv6	(Optional) Display IPv6 information
deagg	(Optional) De-aggregation

<code>per-bd</code>	(Optional) BD FEC
<code>ias_vpnv4</code>	(Optional) Display Inter-AS V4 information
<code>ias_vpnv6</code>	(Optional) Display Inter-AS V6 information
<code>srtc-path-id</code>	(Optional) Traffic-engineering segment-routing path id
<code>per-bd-vlan-id</code>	(Optional) Per BD id
<code>vrf</code>	(Optional) Display per-VRF information
<code>vrf-name</code>	(Optional) VRF name
<code>vrf-known-name</code>	(Optional) Known VRF name
<code>all</code>	(Optional) Display information for all VRFs

Command Mode

- /exec

show mpls switching clients

show mpls switching clients

Syntax Description

show	Show running system information
mpls	Display MPLS status and configuration
switching	Display the MPLS label switching database
clients	Display ULIB client components

Command Mode

- /exec

show mts-buildup check

show mts-buildup check

Syntax Description

show	Show
mts-buildup	Display mts-buildup
check	Display mts-buildup check

Command Mode

- /exec

show mvpn bgp mdt

```
show mvpn bgp { mdt-safi | auto-discovery } [ mdt-source <src-addr> ]
```

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
bgp	Display BGP related information
mdt-safi	Display Auto-discovered BGP MDT-SAFI database
auto-discovery	Display Auto-discovered BGP MDT-SAFI database
mdt-source	(Optional) Source address of MVPN neighbor

Command Mode

- /exec

show mvpn bgp mdt

```
show mvpn bgp { mdt-safi | auto-discovery } [ mdt-source <src-addr> ]
```

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
bgp	Display BGP related information
mdt-safi	Display Auto-discovered BGP MDT-SAFI database
auto-discovery	Display Auto-discovered BGP MDT-SAFI database
mdt-source	(Optional) Source address of MVPN neighbor
<i>src-addr</i>	(Optional) Source Address

Command Mode

- /exec

show mvpn mdt encap

```
show mvpn mdt encap [ vrf { <vrf-name> | <vrf-known-name> | all } ]
```

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
mdt	Display MDT information
encap	Display MDT Encap table
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

show mvpn mdt encap

```
show mvpn mdt encap [ vrf { <vrf-name> | <vrf-known-name> | all } ]
```

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
mdt	Display MDT information
encap	Display MDT Encap table
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

show mvpn mdt route

show mvpn mdt route [detail]

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
mdt	Display MDT information
route	Display MDT route information
detail	(Optional) Display detailed information

Command Mode

- /exec

show mvpn mdt route

show mvpn mdt route [detail]

Syntax Description

show	Show running system information
mvpn	Display Multicast VPN information
mdt	Display MDT information
route	Display MDT route information
detail	(Optional) Display detailed information

Command Mode

- /exec

show mvr

show mvr [verbose]

Syntax Description

show	Show running system information
mvr	show mvr info
verbose	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

show mvr groups

show mvr groups

Syntax Description

show	Show running system information
mvr	show mvr info
groups	show mvr groups config

Command Mode

- /exec

show mvr interface

show mvr interface [<if0>]

Syntax Description

show	Show running system information
mvr	show mvr info
interface	show mvr interfaces
<i>if0</i>	(Optional) Interface name

Command Mode

- /exec

show mvr members

show mvr members [interface <if0>]

Syntax Description

show	Show running system information
mvr	show mvr info
members	show active mvr groups
interface	(Optional) show active mvr groups config on interface
<i>if0</i>	(Optional) Interface name

Command Mode

- /exec

show mvr members count

show mvr members count

Syntax Description

show	Show running system information
mvr	show mvr info
members	show active mvr groups
count	Active mvr groups on each mvr-vlan

Command Mode

- /exec

show mvr members vlan

```
show mvr members { vlan <vlan-id> }
```

Syntax Description

show	Show running system information
mvr	show mvr info
members	show active mvr groups
vlan	vlan
<i>vlan-id</i>	Enter MVR Vlan

Command Mode

- /exec

show mvr receiver-ports

show mvr receiver-ports [<if0>]

Syntax Description

show	Show running system information
mvr	show mvr info
receiver-ports	List MVR receiver ports
<i>if0</i>	(Optional) Interface name

Command Mode

- /exec

show mvr source-ports

```
show mvr source-ports [ <if0> ]
```

Syntax Description

show	Show running system information
mvr	show mvr info
source-ports	List MVR source ports
<i>if0</i>	(Optional) Interface name

Command Mode

- /exec