



## M Show Commands

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# 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	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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

### 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

per-bd	(Optional) BD FEC
ias_vpnv4	(Optional) Display Inter-AS V4 information
ias_vpnv6	(Optional) Display Inter-AS V6 information
<i>srtc-path-id</i>	(Optional) Traffic-engineering segment-routing path id
<i>per-bd-vlan-id</i>	(Optional) Per BD id
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 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
<i>src-addr</i>	(Optional) Source Address

## 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 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