



## N Show Commands

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# show nat itd

show nat itd

## Syntax Description

show	Show running system information
nat	IP NAT information
itd	IP NAT ITD

## Command Mode

- /exec

# show nbm defaults

```
show nbm defaults [ vrf { <vrf-name> | <nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
defaults	Default config
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

# show nbm flow-policy

```
show nbm flow-policy [ name { <policy-name> } ] [ vrf { <vrf-name> | <nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flow-policy	Flow policy show command
name	(Optional) Policy name
<i>policy-name</i>	(Optional) Policy name value
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

## show nbm flows

```
show nbm flows [ group-based [ group <group-ip> ] | { flow-policy { <cfg-pol-name> | <unknown-pol-name>
} } | source <source-ip> [ group <group-ip> ] | group <group-ip> [ source <source-ip> ] | interface <if-name>
| priority { low | level <level> | critical } [ [ oif interface <if-name> ] | [ rpf interface <if-name> ] ] | [ policer
{ slot <slot> unit <unit> slice <slice> } ] | [ policer-intf interface <if-name> ] ] | logical-id { none | any |
<lid-val> } | profile-id <prof-id> ] [ all | active | inactive | no-receiver ] [ detail ] [ vrf { <vrf-name> |
<nbm-vrf-known-name> | all } ]
```

### Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows (default will be active flows)
active	(Optional) Active flows (default)
inactive	(Optional) Inactive flows
no-receiver	(Optional) Flows without any receiver
all	(Optional) Both active and inactive flows
group-based	(Optional) Multicast group based (*,G) flows to IGMP receivers
flow-policy	(Optional) Flow policy
<i>cfg-pol-name</i>	(Optional) Policy name
<i>unknown-pol-name</i>	(Optional) Policy name
source	(Optional) Source IP address
<i>source-ip</i>	(Optional) Source IP address
group	(Optional) Multicast group
<i>group-ip</i>	(Optional) Multicast group address
interface	(Optional) Ingress interface
priority	(Optional) Flow Priority
low	(Optional) low
level	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>level</i>	(Optional) Priority level
critical	(Optional) critical
logical-id	(Optional) Logical ID (LID)

oif	(Optional) OIF
interface	(Optional) Interface
<i>if-name</i>	(Optional) Physical or Logical interface
rpf	(Optional) RPF
interface	(Optional) Interface
<i>if-name</i>	(Optional) Physical or Logical interface
policer	(Optional) Policer
slot	(Optional) Slot number (1-based)
<i>slot</i>	(Optional) Slot number (1-based)
unit	(Optional) Unit number (0-based)
<i>unit</i>	(Optional) Unit number (0-based)
slice	(Optional) Slice number (0-based)
<i>slice</i>	(Optional) Slice number (0-based)
policer-intf	(Optional) Policer Intf
interface	(Optional) Interface
<i>if-name</i>	(Optional) Physical or Logical interface
<i>lid-val</i>	(Optional) Logical ID (LID) value
any	(Optional) Any Logical ID (LID)
none	(Optional) Without any Logical ID (LID)
profile-id	(Optional) Profile ID
<i>prof-id</i>	(Optional) Profile ID value
detail	(Optional) Detailed output
<i>if-name</i>	(Optional) Interface name

**Command Mode**

- /exec

# show nbm flows pending-stitch

```
show nbm flows pending-stitch [ priority { low | level <level> | critical | all } ] [ vrf { <vrf-name> |  
<nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows
pending-stitch	All pending stitch flows

## Command Mode

- /exec



# show nbm flows static

```
show nbm flows static [ group <grp> ] [ source <src> ] [ stitched | unstitched ] [ priority { low | level <level>
| critical | all } ] [ vrf { <vrf-name> | <nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows (default will be active flows)
static	Static NBM Flows
group	(Optional) Multicast group
<i>grp</i>	(Optional) Multicast group address
source	(Optional) Source ip of sender
<i>src</i>	(Optional) Source address
stitched	(Optional) Show only successfully provisioned oif
unstitched	(Optional) Show only failed to provision oif
priority	(Optional) Flow Priority
low	(Optional) Priority level 0 (default)
level	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>level</i>	(Optional) Configurable levels
critical	(Optional) Maximum priority level (critical)
all	(Optional) Display all levels of priority
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

## show nbm flows statistics

```
show nbm flows statistics [ group-based [ group <group-ip> ] | source <source-ip> [ group <group-ip> ] |
group <group-ip> [ source <source-ip> ] | { flow-policy { <cfg-pol-name> | <unknown-pol-name> } } |
interface <if-name> | logical-id { none | any | <lid-val> } | profile-id <prof-id> ] [ vrf { <vrf-name> |
<nbm-vrf-known-name> | all } ]
```

### Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows
statistics	Flow statistics
group-based	(Optional) Multicast group based (*,G) flows to IGMP receivers
source	(Optional) Source IP address
<i>source-ip</i>	(Optional) Source IP address value
group	(Optional) Multicast group
<i>group-ip</i>	(Optional) Multicast group address value
flow-policy	(Optional) Flow policy
<i>cfg-pol-name</i>	(Optional) Policy name
<i>unknown-pol-name</i>	(Optional) Policy name
interface	(Optional) Ingress interface
<i>if-name</i>	(Optional) Interface interface name
logical-id	(Optional) Logical ID (LID)
<i>lid-val</i>	(Optional) Logical ID (LID) value
any	(Optional) Any Logical ID (LID)
none	(Optional) Without any Logical ID (LID)
profile-id	(Optional) Profile ID
<i>prof-id</i>	(Optional) Profile ID value
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name

<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name
---------------------------	-------------------------

**Command Mode**

- /exec

# show nbm flows summary

show nbm flows summary [ vrf { <vrf-name> | <nbm-vrf-known-name> | all } ]

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM Flows
summary	NBM Flow Summary
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

# show nbm host-policy all

```
show nbm host-policy all { sender | { receiver { local | external } } } [ vrf { <vrf-name> |
<nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
host-policy	Host policy
all	All policies on switch
sender	Sender Policy
receiver	Receiver Policy
local	Local receiver policy
external	External receiver policy
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

# show nbm host-policy applied receiver

```
show nbm host-policy applied receiver { { local { all | wildcard | interface <if-name> } | external } [ vrf {
<vrf-name> | <nbm-vrf-known-name> | all } ] }
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
host-policy	Host policy
applied	Applied policies only
receiver	Receiver Policy
local	Local receiver policy
all	All policies on switch
wildcard	All wildcard policies
external	External receiver policy
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name
all	(Optional) Display all VRFs
interface	Interface
<i>if-name</i>	Interface name

## Command Mode

- /exec

# show nbm host-policy applied sender

```
show nbm host-policy applied sender { { all | wildcard } [ vrf { <vrf-name> | <nbm-vrf-known-name> | all } ] } | { interface <if-name> } }
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
host-policy	Host policy
applied	Applied policies only
sender	Sender Policy
all	All policies on switch
wildcard	Wildcard host policy
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name
interface	Interface
<i>if-name</i>	Interface name

## Command Mode

- /exec

## show nbm info shm table flow-detail vrf

show nbm info shm table flow-detail vrf { <vrf-name> | <nbm-vrf-known-name> | all } [ oif <oif-name> ]

### Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
info	info
shm	Shared memory related commands
table	SHM table type
flow-detail	Flow mapping table in detail
oif	(Optional) Outgoing interface
<i>oif-name</i>	(Optional) flow-detail Physical or Logical interface
vrf	Display per-VRF information
all	Display all VRFs
<i>vrf-name</i>	VRF name
<i>nbm-vrf-known-name</i>	NBM VRF Name

### Command Mode

- /exec



# show nbm interface

```
show nbm interface { all | <if-name> } [ flow-bandwidth [ ingress | egress ] ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
interface	interface
all	Display all interface
<i>if-name</i>	Physical or Logical interface
flow-bandwidth	(Optional) Utilized Bandwidth interface table
ingress	(Optional) Flow bandwidth for Ingress
egress	(Optional) Flow bandwidth for Egress

## Command Mode

- /exec

# show nbm interface bandwidth

```
show nbm interface { bandwidth | bandwidth-utilized } [ interface <if-name> ] [ vrf { <vrf-name> |
<nbm-vrf-known-name> | all } ]
```

## Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
interface	interface
bandwidth	Bandwidth interface table
bandwidth-utilized	Utilized Bandwidth interface table
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
interface	(Optional) Interface
<i>if-name</i>	(Optional) Physical or Logical interface
<i>vrf-name</i>	(Optional) VRF name
<i>nbm-vrf-known-name</i>	(Optional) NBM VRF Name

## Command Mode

- /exec

# show ngoam interface statistics

show ngoam interface statistics

## Syntax Description

TABLE_stats	(Optional) interface statistics table
<i>interface-name</i>	(Optional) interface namestring
<i>tx</i>	(Optional) ngoam probe transmit on the interface
<i>rx</i>	(Optional) ngoam probe receive on the interface
show	Show running system information
ngoam	ngoam
interface	probe packet interface
statistics	ngoam probe interface statistics

## Command Mode

- /exec

# show ngoam loop-detection status

show ngoam loop-detection status [ { l3 | vlan <vlan-range> } [ port <port-range> ] ] [ history ]

## Syntax Description

show	Show running system information
ngoam	Configure ngoam
loop-detection	Configure sld
status	show blocked/recovering state loops
l3	(Optional) show l3 blocked/recovering loops
vlan	(Optional) ngoam loop-detection vlan
port	(Optional) ngoam loop-detection port
history	(Optional) show history of loops detected
<i>vlan-range</i>	(Optional) vlan range max span 1024, Example: 2000-3000,400,500
<i>port-range</i>	(Optional) Interface for loop detection

## Command Mode

- /exec

# show ngoam loop-detection summary

show ngoam loop-detection summary

## Syntax Description

show	Show running system information
ngoam	Configure ngoam
loop-detection	Show loop detection
summary	ngoam loop detection summary

## Command Mode

- /exec

# show ngoam loopback

```
show ngoam loopback { { statistics { session { <handle> | all } | summary } } | { status { session { <handle> | all } } } }
```

## Syntax Description

show	Show running system information
ngoam	ngoam
loopback	ngoam loopback
statistics	ngoam loopback statistics
summary	ngoam loopback statistics summary
status	ngoam loopback status
session	ngoam loopback session
session	ngoam loopback session
<i>handle</i>	ngoam loopback session handle
<i>handle</i>	ngoam loopback session handle
all	Display results for all ping/loopback sessions
all	Display results for all ping/loopback sessions
TABLE_statistics	(Optional) statistics table
<i>sender-handle</i>	(Optional) sender handle
<i>connect-check-id</i>	(Optional) connect check id
<i>last-clear-stats</i>	(Optional) last clear time for statistics
TABLE_stats_attr	(Optional) Stats attributes table
<i>stat-attr</i>	(Optional) stats type
<i>stat-value</i>	(Optional) stats value
TABLE_statistics_summary	(Optional) statistics summary table
<i>last-clear-summary-stats</i>	(Optional) last clear time for summary statistics
<i>tx</i>	(Optional) summary request sent
<i>rx</i>	(Optional) summary reply received
<i>timeout</i>	(Optional) summary timeout

<i>unsent</i>	(Optional) summary unsent
<i>resp-tx</i>	(Optional) summary resp tx
<i>resp-rx</i>	(Optional) summary resp rx
<i>resp-unsent</i>	(Optional) summary resp unsent
<i>resp-dup</i>	(Optional) Duplicate responses received
<i>req-sw-fwd</i>	(Optional) Request pkts sw fwded
<i>resp-sw-fwd</i>	(Optional) Response pkts sw fwded
<i>req-drop</i>	(Optional) Requests dropped
<i>resp-drop</i>	(Optional) Responses dropped
TABLE_status	(Optional) database status table
<i>st-sender-handle</i>	(Optional) sender handle
<i>type</i>	(Optional) ngoam ping type
<i>state</i>	(Optional) ngoam ping state

#### Command Mode

- /exec

# show ngoam pathtrace

```
show ngoam pathtrace { { statistics { summary | { session { <handle> | all } } } } | { database session {
<handle> | all } [ detail ] } }
```

## Syntax Description

show	Show running system information
ngoam	ngoam
pathtrace	ngoam pathtrace
statistics	ngoam pathtrace statistics
summary	ngoam pathtrace statistics summary
session	ngoam pathtrace session
<i>handle</i>	ngoam pathtrace session handle
all	Display results for all pathtrace sessions
database	ngoam pathtrace results from the database
session	ngoam pathtrace session
all	Display results for all pathtrace sessions
<i>handle</i>	ngoam pathtrace session handle
detail	(Optional) Show detailed stats if present

## Command Mode

- /exec



# show ngoam probe

```
show ngoam probe { { statistics { summary | { session { <handle> | all } } } } }
```

## Syntax Description

show	Show running system information
ngoam	ngoam
probe	ngoam probe
statistics	ngoam probe statistics
summary	ngoam probe statistics summary
session	ngoam probe session
<i>handle</i>	ngoam probe session handle
all	Display results for all probe sessions
TABLE_stats	(Optional) statistics table
<i>sender-handle</i>	(Optional) sender handle
<i>transaction-id</i>	(Optional) Transaction Identifier
<i>dst-vip</i>	(Optional) Destination Vtep ip address
<i>vni</i>	(Optional) vxlan header vni
<i>oam-type</i>	(Optional) draft pang oam type
<i>flow-str</i>	(Optional) 128 byte flow string.
<i>last-clear-stats</i>	(Optional) last clear time for statistics
<i>req-sent</i>	(Optional) request sent
<i>req-not-sent</i>	(Optional) request not sent or failed
<i>statistics-end</i>	(Optional) statistics table end marker
TABLE_summary	(Optional) statistics summary table
<i>last-clear-summary-stats</i>	(Optional) last clear time for summary statistics
<i>tx</i>	(Optional) summary request sent
<i>rx</i>	(Optional) summary reply received
<i>timeout</i>	(Optional) summary timeout
<i>unsent</i>	(Optional) summary unsent

<i>resp-tx</i>	(Optional) summary resp tx
<i>resp-rx</i>	(Optional) summary resp rx
<i>resp-unsent</i>	(Optional) summary resp unsent

**Command Mode**

- /exec

## show ngoam traceroute statistics

```
show ngoam traceroute statistics { summary | { session { <handle> | all } } }
```

### Syntax Description

show	Show running system information
ngoam	ngoam
traceroute	ngoam traceroute
statistics	ngoam traceroute statistics
summary	ngoam traceroute statistics summary
session	ngoam traceroute session
<i>handle</i>	ngoam traceroute session handle
all	Display results for all traceroute sessions
TABLE_stats	(Optional) statistics table
<i>sender-handle</i>	(Optional) sender handle
<i>last-clear-stats</i>	(Optional) last clear time for statistics
TABLE_stats_attr	(Optional) Stats attributes table
<i>stat-attr</i>	(Optional) stats type
<i>stat-value</i>	(Optional) stats value
TABLE_summary	(Optional) statistics summary table
<i>last-clear-summary-stats</i>	(Optional) last clear time for summary statistics
<i>tx</i>	(Optional) summary request sent
<i>rx</i>	(Optional) summary reply received
<i>timeout</i>	(Optional) summary timeout
<i>unsent</i>	(Optional) summary unsent
<i>resp-tx</i>	(Optional) summary resp tx
<i>resp-rx</i>	(Optional) summary resp rx
<i>resp-unsent</i>	(Optional) summary resp unsent
<i>resp-dup</i>	(Optional) Duplicate responses received

### Command Mode

- /exec

# show ngoam xconnect session

```
show ngoam xconnect session { <id> [ iodb ] | all [ dbdump ] }
```

## Syntax Description

show	Show running system information
ngoam	ngoam information
xconnect	crossconnect info
session	xc session id
<i>id</i>	Vlan-id of the xc
iodb	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
all	show summary info for all sessions

## Command Mode

- /exec

# show npiv status

show npiv status

## Syntax Description

show	Show running system information
npiv	Show information about the npiv feature
status	Show the status of the npiv feature

## Command Mode

- /exec

## show npv external-interface-usage

show npv external-interface-usage [ server-interface <if0> ]

### Syntax Description

show	Show running system information
npv	Show information about NPV
external-interface-usage	Show external interface usage by server interfaces
server-interface	(Optional) Show external interface usage by a server interface
<i>if0</i>	(Optional)

### Command Mode

- /exec

# show npv flogi-table

```
show npv flogi-table [ { interface <if0> | vsan <i0> } ]
```

## Syntax Description

show	Show running system information
npv	Show information about NPV
flogi-table	Show information about FLOGI sessions
interface	(Optional) Show information about FLOGI sessions for a server interface
<i>if0</i>	(Optional)
vsan	(Optional) Show information about FLOGI sessions for a VSAN
<i>i0</i>	(Optional)

## Command Mode

- /exec



# show npv status

show npv status [ vsan <i0> ]

## Syntax Description

show	Show running system information
npv	Show information about NPV
status	Show NPV status
vsan	(Optional) Show NPV status for a specific VSAN
<i>i0</i>	(Optional)

## Command Mode

- /exec

# show npv traffic-map

show npv traffic-map [ server-interface <if0> ]

## Syntax Description

show	Show running system information
npv	Show information about NPV
traffic-map	Show information about Traffic Map
server-interface	(Optional) Show information about Traffic map for a server interface
<i>if0</i>	(Optional)

## Command Mode

- /exec

# show ntp access-groups

show ntp access-groups

## Syntax Description

show	Show running system information
ntp	Show NTP information
access-groups	Display NTP access groups

## Command Mode

- /exec

# show ntp authentication-keys

show ntp authentication-keys

## Syntax Description

show	Show running system information
ntp	Show NTP information
authentication-keys	Display authentication keys

## Command Mode

- /exec

# show ntp authentication-status

show ntp authentication-status

## Syntax Description

show	Show running system information
ntp	Show NTP information
authentication-status	NTP Authentication Status

## Command Mode

- /exec

# show ntp information

show ntp information

## Syntax Description

show	Show running system information
ntp	Show NTP information
information	Show ntp information

## Command Mode

- /exec

# show ntp logging-status

show ntp logging-status

## Syntax Description

show	Show running system information
ntp	Show NTP information
logging-status	Display NTP logging status

## Command Mode

- /exec

# show ntp peer-status

show ntp peer-status

## Syntax Description

show	Show running system information
ntp	Show NTP information
peer-status	Show the status for all the server/peers

## Command Mode

- /exec



# show ntp peers

show ntp peers

## Syntax Description

show	Show running system information
ntp	Show NTP information
peers	Show all the peers.

## Command Mode

- /exec

# show ntp rts-update

show ntp rts-update

## Syntax Description

show	Show running system information
ntp	Show NTP information
rts-update	Show if the RTS update is enabled

## Command Mode

- /exec

# show ntp session status

show ntp session status

## Syntax Description

show	Show running system information
ntp	Show NTP information
session	Show the session information
status	Show the session status

## Command Mode

- /exec

# show ntp source-interface

show ntp source-interface

## Syntax Description

show	Show running system information
ntp	Show NTP information
source-interface	Source interface configured

## Command Mode

- /exec

# show ntp source

show ntp source

## Syntax Description

show	Show running system information
ntp	Show NTP information
source	Source IP address configured

## Command Mode

- /exec

## show ntp statistics

```
show ntp statistics { [ io ] | [ local ] | [ memory ] | peer { ipaddr { <ipv4_0> | <ipv6_1> } | name <s0> } }
```

### Syntax Description

show	Show running system information
ntp	Show NTP information
statistics	Show the NTP statistics
io	(Optional) Show the input-output statistics.
local	(Optional) Show the counters maintained by the local NTP.
memory	(Optional) Show the statistics counters related to memory code.
peer	Show the per-peer statistics counter of a peer.
ipaddr	Peer's IP address
<i>ipv4_0</i>	
name	Peer's Name
<i>s0</i>	

### Command Mode

- /exec

# show ntp status

show ntp status

## Syntax Description

show	Show running system information
ntp	Show NTP information
status	Show the NTP distribution status

## Command Mode

- /exec

# show ntp trusted-keys

show ntp trusted-keys

## Syntax Description

show	Show running system information
ntp	Show NTP information
trusted-keys	Display trusted keys

## Command Mode

- /exec



# show nve adjacency mpls

show nve adjacency mpls

## Syntax Description

show	Display NVE information
nve	Configure NVE information
adjacency	Downstream Adjacencies
mpls	Segment routing

## Command Mode

- /exec

# show nve bfd neighbors

show nve bfd neighbors

## Syntax Description

show	Display NVE information
nve	Configure NVE information
bfd	BFD
neighbors	neighbors

## Command Mode

- /exec

# show nve core-links

show nve core-links

## Syntax Description

show	Display NVE information
nve	Configure NVE information
core-links	Core-links

## Command Mode

- /exec

# show nve ethernet-segment

```
show nve ethernet-segment [ summary ] [ { esi <esi-id> } ]
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
ethernet-segment	Ethernet-segment
summary	(Optional) Ethernet-segment summary
esi	(Optional) ESI Value
<i>esi-id</i>	(Optional) ESI ID

## Command Mode

- /exec

# show nve evi

show nve evi

## Syntax Description

show	Display NVE information
nve	Configure NVE information
evi	Ethernet Virtual Identifier

## Command Mode

- /exec

# show nve interface

show nve interface [ <nve-if> [ detail ] ]

## Syntax Description

show	Display NVE information
nve	Configure NVE information
interface	Interface
<i>nve-if</i>	(Optional) NVE interface
detail	(Optional) Detailed information

## Command Mode

- /exec

# show nve mpls

show nve mpls

## Syntax Description

show	Display NVE information
nve	Configure NVE information
mpls	Segment routing

## Command Mode

- /exec

# show nve multisite dci-links

show nve multisite dci-links

## Syntax Description

show	Display NVE information
nve	Configure NVE information
multisite	multisite
dci-links	dci-links

## Command Mode

- /exec



# show nve multisite fabric-links

show nve multisite fabric-links

## Syntax Description

show	Display NVE information
nve	Configure NVE information
multisite	multisite
fabric-links	fabric-links

## Command Mode

- /exec

## show nve peers

```
show nve peers [ [ [ interface <nve-if> | peer-ip { <user-peer-ip> | <user-peer-ipv6> } | control-plane | data-plane
] [ detail ] ] | [ control-plane-vni [ vni <vni-id> | peer-ip { <user-peer-ip> | <user-peer-ipv6> } ] ] | [ controller
] ]
```

### Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	Show peers
interface	(Optional) Interface
<i>nve-if</i>	(Optional) NVE interface
detail	(Optional) Detailed information
peer-ip	(Optional) Show a specific peer
<i>user-peer-ip</i>	(Optional) Remote Peer IP address
control-plane	(Optional) Show peers learned via control plane
data-plane	(Optional) Show peers learned via data plane
control-plane-vni	(Optional) Show details of control plane vnis
vni	(Optional) VNI ID
<i>vni-id</i>	(Optional) Virtual Network Identifier
controller	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

### Command Mode

- /exec

# show nve peers interface counters

```
show nve peers { <addr> | <addr-v6> } interface <nve-if> counters
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	NVE Peer
<i>addr</i>	Remote Peer IP Address
counters	Counters
interface	Interface
<i>nve-if</i>	NVE interface

## Command Mode

- /exec

# show nve peers mpls

```
show nve peers mpls [ peer-ip { <user-peer-ip> | <user-peer-ipv6> } ] [ detail ]
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	Show peers
mpls	Segment routing peers
detail	(Optional) Detailed information
peer-ip	(Optional) Show a specific peer
<i>user-peer-ip</i>	(Optional) Remote Peer IP address

## Command Mode

- /exec

## show nve peers vni interface counters

```
show nve peers { { <addr> | <addr-v6> } | all } vni { <vni-id> | all } interface <nve-if> counters
```

### Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	NVE Peer
<i>addr</i>	Remote Peer IP Address
all	Show counters for all peers/VNIs
vni	Virtual Network Identifier
<i>vni-id</i>	Virtual Network Identifier
counters	Counters
interface	Interface
<i>nve-if</i>	NVE interface

### Command Mode

- /exec

# show nve replication-servers

show nve replication-servers

## Syntax Description

show	Display NVE information
nve	Configure NVE information
replication-servers	replication-servers

## Command Mode

- /exec

# show nve resource-limits multicast

show nve resource-limits multicast

## Syntax Description

show	Display NVE information
nve	Configure NVE information
resource-limits	Display resource use and maximums
multicast	Display underlay multicast group use and maximums

## Command Mode

- /exec

# show nve vni

```
show nve vni [ { { interface <nve-if> | <vni-id> | all } [ detail ] } | control-plane | data-plane | summary |
controller ]
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
<i>vni-id</i>	(Optional) Virtual Network Identifier
interface	(Optional) Interface
<i>nve-if</i>	(Optional) NVE interface
all	(Optional) Display all VNIs
detail	(Optional) Detailed information
control-plane	(Optional) show vni learned via BGP
data-plane	(Optional) show vni learned via data plane
summary	(Optional) show vni summary
controller	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

## Command Mode

- /exec



# show nve vni counters

```
show nve vni { <vni-id> | all } counters
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
<i>vni-id</i>	Virtual Network Identifier
all	Show counters for all vnis
counters	Counters

## Command Mode

- /exec

# show nve vni ingress-replication

```
show nve vni ingress-replication [ { interface <nve-if> | <vni-id> } ]
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
ingress-replication	ingress-replication
<i>vni-id</i>	(Optional) Virtual Network Identifier
interface	(Optional) Interface
<i>nve-if</i>	(Optional) NVE interface

## Command Mode

- /exec

## show nve vni mdt

```
show nve vni { <vni-id> | all } mdt [ { local | remote | peer-sync } ] [ { <cs> <cg> } | { <cs6> <cg6> } ]
```

### Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
<i>vni-id</i>	Virtual Network Identifier
all	Display MDT info for all vnis
mdt	Data MDT(Multicast Distribution Tree)
local	(Optional) Show MDT info for multicast traffic which are learnt locally
remote	(Optional) Show MDT info for multicast traffic which are learnt from remote
peer-sync	(Optional) Show MDT info for multicast traffic which are synced from VPC peers
<i>cs</i>	(Optional) Customer Source IP address
<i>cg</i>	(Optional) Customer Group IPi address

### Command Mode

- /exec

# show nve vni peer-vtep

```
show nve vni peer-vtep [ { interface <nve-if> | <vni-id> } ]
```

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
peer-vtep	Show static peer-vtep configured per vni
<i>vni-id</i>	(Optional) Virtual Network Identifier
interface	(Optional) Interface
<i>nve-if</i>	(Optional) NVE interface

## Command Mode

- /exec

# show nve vrf

show nve vrf [ vrf-name ]

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vrf	VRF name
<i>vrf-name</i>	(Optional) vrf name

## Command Mode

- /exec

## show nve vrf mdt

```
show nve vrf { <vrfname> | all } mdt [ { local | remote | peer-sync } ] [ { <cs> <cg> } | { <cs6> <cg6> } ]
```

### Syntax Description

show	Display NVE information
nve	Configure NVE information
vrf	VRF name
<i>vrfname</i>	VRF name
all	Display MDT info for all VRFs
mdt	Data MDT(Multicast Distribution Tree)
local	(Optional) Show MDT info for multicast traffic which are learnt locally
remote	(Optional) Show MDT info for multicast traffic which are learnt from remote
peer-sync	(Optional) Show MDT info for multicast traffic which are synced from VPC peers
<i>cs</i>	(Optional) Customer Source IP address
<i>cg</i>	(Optional) Customer Group IP address

### Command Mode

- /exec

# show nve vxlan-params

show nve vxlan-params

## Syntax Description

show	Display NVE information
nve	Configure NVE information
vxlan-params	VxLAN Parameters

## Command Mode

- /exec

# show nxapi-server logs

show nxapi-server logs

## Syntax Description

show	Show running system information
nxapi-server	Show NX-API Server
logs	Show NX-API Server logs

## Command Mode

- /exec



# show nxapi

show nxapi

## Syntax Description

show	Show running system information
nxapi	Show nxapi status

## Command Mode

- /exec

