N Show Commands

show nbm controller

show nbm controller

Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
controller	Controller mode information

Command Mode

- /exec

show nbm flows

show nbm flows [all | group-based | m-group <group-ip-id> | [source <source-ip> [group <group-ip>] | group <group-ip> [source <source-ip>]] [active | inactive | no-receiver | detail]] [interface <if-name>]

Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows
active	(Optional) Active flows
inactive	(Optional) Inactive flows
no-receiver	(Optional) Flows without any receiver
all	(Optional) Both active and deleted flows
group-based	(Optional) Multicast group based (*,G) flows to IGMP receivers
m-group	(Optional) Multicast group
group-ip-id	(Optional) Multicast group address
source	(Optional) Source ip of sender
source-ip	(Optional) Sender ip address
group	(Optional) Multicast group
group-ip	(Optional) Multicast group address
interface	(Optional) Ingress port
detail	(Optional) Detailed output
if-name	(Optional) Interface name

Command Mode

- /exec

show nbm flows bandwidth

show nbm flows bandwidth

Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows
bandwidth	Per Flow Bandwidth in Mbps

Command Mode

- /exec

show nbm flows statistics

show nbm flows statistics [group-based | m-group <group-ip-id>] [interface <if-name>]

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
m-group	(Optional) Multicast group
group-ip-id	(Optional) Multicast group address
interface	(Optional) Ingress port
if-name	(Optional) Interface name

Command Mode

- /exec

show ngoam acl status

show ngoam acl status [__readonly__ [LIST_bds { <bd-id> }] <end-row> <top-line>]

Syntax Description

show	Show running system information
ngoam	ngoam
acl	Show acl info
status	Show acl install status
__readonly__	(Optional) Read Only
LIST_bds	(Optional) List of all bds acls is installed on
bd-id	(Optional) Bridge-Domain identifier
end-row	(Optional) Carriage return
top-line	(Optional) Placeholder for printing the headline

Command Mode

- /exec

show ngoam actsessions

show ngoam actsessions

Syntax Description

show	Show running system information
ngoam	ngoam information
actsessions	show

Command Mode

- /exec

show ngoam loopback

show ngoam loopback { { statistics { session { <handle> | all } | summary } } | { status { session { <handle> | all } } } } [__readonly__ [TABLE_statistics { <sender-handle> <last-clear-stats> { <stat-attr> <stat-value> } + } +] [TABLE_status { <st-sender-handle> <type> <state> } +] [TABLE_statistics_summary { <last-clear-summary-stats> <tx> <rx> <timeout> <unsent> <resp-tx> <resp-rx> <resp-unsent> <resp-dup> }]]

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
handle	ngoam loopback session handle
handle	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
sender-handle	(Optional) sender handle
last-clear-stats	(Optional) last clear time for statistics
stat-attr	(Optional) stats type
stat-value	(Optional) stats value
TABLE_statistics_summary	(Optional) statistics summary table
last-clear-summary-stats	(Optional) last clear time for summary statistics
tx	(Optional) summary request sent
rx	(Optional) summary reply received
timeout	(Optional) summary timeout
unsent	(Optional) summary unsent

resp-tx	(Optional) summary resp tx
resp-rx	(Optional) summary resp rx
resp-unsent	(Optional) summary resp unsent
resp-dup	(Optional) Duplicate responses received
TABLE_status	(Optional) database status table
st-sender-handle	(Optional) sender handle
type	(Optional) ngoam ping type
state	(Optional) ngoam ping state
__readonly__	(Optional) Read Only

Command Mode

- /exec

show ngoam pathtrace

show ngoam pathtrace { { statistics { summary | { session { <handle> | all } } } } | { database session { <handle> | all } [detail] } } [__readonly__ [TABLE_stats { <sender-handle> <last-clear-stats> { <stat-attr> <stat-value> } + } +] [TABLE_summary { <last-clear-summary-stats> <tx> <rx> <timeout> <unsent> <resp-tx> <resp-rx> <resp-unsent> <resp-dup> }] [TABLE_database { <db-sender-handle> <db-start-time> <db-end-time> <db-last-clear-stats> <db-tx> <db-rx> <db-timeout> <db-unsent> <db-resp-tx> <db-resp-rx> <db-resp-unsent> <db-resp-dup> { <seq-number> <cli-status> [<reply-ip>] [<reply-ipv6>] [<ingress-if>] [<ingress-if-state>] [<egress-if>] [<egress-if-state>] [<end-row>] + } + } +] [TABLE_ifstats { <if-name> <rx-len> <rx-bytes> <rx-pkt-rate> <rx-byte-rate> <rx-load> <rx-ucast> <rx-mcast> <rx-bcast> <rx-errors> <rx-discards> <rx-unknown> <rx-bandwidth> <tx-len> <tx-bytes> <tx-pkt-rate> <tx-byte-rate> <tx-load> <tx-ucast> <tx-mcast> <tx-bcast> <tx-discards> <tx-errors> <tx-bandwidth> }]]

Syntax Description

show	Show running system information
ngoam	ngoam
pathtrace	ngoam pathtrace
statistics	ngoam pathtrace statistics
end-row	(Optional) Row end
summary	ngoam pathtrace statistics summary
session	ngoam pathtrace session
handle	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
handle	ngoam pathtrace session handle
detail	(Optional) Show detailed stats if present
TABLE_stats	(Optional) statistics table
sender-handle	(Optional) sender handle
last-clear-stats	(Optional) last clear time for statistics
stat-attr	(Optional) stats type
stat-value	(Optional) stats value
TABLE_summary	(Optional) statistics summary table

last-clear-summary-stats	(Optional) last clear time for summary statistics
tx	(Optional) summary request sent
rx	(Optional) summary reply received
timeout	(Optional) summary timeout
unsent	(Optional) summary unsent
resp-tx	(Optional) summary resp tx
resp-rx	(Optional) summary resp rx
resp-unsent	(Optional) summary resp unsent
resp-dup	(Optional) Duplicate responses received
TABLE_database	(Optional) pathtrace database
seq-number	(Optional) Sequence number
cli-status	(Optional) ngoam pathtrace status
ingress-if	(Optional) Ingress interface
egress-if	(Optional) Egress interface
ingress-if-state	(Optional) Ingress interface state
egress-if-state	(Optional) Egress interface state
reply-ip	(Optional) ngoam pathrace reply ip
db-sender-handle	(Optional) Sender handle
db-start-time	(Optional) Start time
db-end-time	(Optional) End time
db-last-clear-stats	(Optional) Last clear stats
db-tx	(Optional) Tx packets
db-rx	(Optional) Rx packets
db-timeout	(Optional) Timeout
db-unsent	(Optional) Unsent
db-resp-tx	(Optional) Response tx
db-resp-rx	(Optional) Response Rx
db-resp-unsent	(Optional) Response unsent
db-resp-dup	(Optional) Duplicate response recvd

TABLE_ifstats	(Optional) Interface statistics
if-name	(Optional) Interface name
rx-len	(Optional) Rx Length
rx-bytes	(Optional) Rx Bytes
rx-pkt-rate	(Optional) Rx packet rate
rx-byte-rate	(Optional) Rx byte rate
rx-load	(Optional) Rx load
rx-ucast	(Optional) Rx unicast pkts
rx-mcast	(Optional) Rx mcast pkts
rx-bcast	(Optional) Rx bcast pkts
rx-discards	(Optional) Rx discards
rx-errors	(Optional) Rx errors
rx-unknown	(Optional) Rx unknown
rx-bandwidth	(Optional) Rx bandwidth
tx-len	(Optional) Tx Length
tx-bytes	(Optional) Tx Bytes
tx-pkt-rate	(Optional) Tx packet rate
tx-byte-rate	(Optional) Tx byte rate
tx-load	(Optional) Tx load
tx-ucast	(Optional) Tx unicast pkts
tx-mcast	(Optional) Tx mcast pkts
tx-bcast	(Optional) Tx bcast pkts
tx-discards	(Optional) Tx discards
tx-errors	(Optional) Tx unknown
tx-bandwidth	(Optional) Tx bandwidth
__readonly__	(Optional) Read Only

Command Mode

- /exec

show ngoam traceroute statistics

show ngoam traceroute statistics { summary | { session { <handle> | all } } } [__readonly__ [TABLE_stats { <sender-handle> <last-clear-stats> { <stat-attr> <stat-value> } + } +] [TABLE_summary { <last-clear-summary-stats> <tx> <rx> <timeout> <unsent> <resp-tx> <resp-rx> <resp-unsent> <resp-dup> }]]

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
handle	ngoam traceroute session handle
all	Display results for all traceroute sessions
TABLE_stats	(Optional) statistics table
sender-handle	(Optional) sender handle
last-clear-stats	(Optional) last clear time for statistics
stat-attr	(Optional) stats type
stat-value	(Optional) stats value
TABLE_summary	(Optional) statistics summary table
last-clear-summary-stats	(Optional) last clear time for summary statistics
tx	(Optional) summary request sent
rx	(Optional) summary reply received
timeout	(Optional) summary timeout
unsent	(Optional) summary unsent
resp-tx	(Optional) summary resp tx
resp-rx	(Optional) summary resp rx
resp-unsent	(Optional) summary resp unsent
resp-dup	(Optional) Duplicate responses received

__readonly__	(Optional) Read Only

Command Mode

- /exec

show ntp access-groups

show ntp access-groups [__readonly__ [<matchall>] [{ TABLE_accessgroups <accesslist> [<type>] }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
access-groups	Display NTP access groups
__readonly__	(Optional)
matchall	(Optional) matchall
TABLE_accessgroups	(Optional) accessgroups
accesslist	(Optional) accesslist
type	(Optional) type

Command Mode

- /exec

show ntp authentication-keys

show ntp authentication-keys [__readonly__ [{ TABLE_authkeys <Authkey> [<MD5String>] }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
authentication-keys	Display authentication keys
__readonly__	(Optional)
TABLE_authkeys	(Optional) authentication keys
Authkey	(Optional) authentication key
MD5String	(Optional) password

Command Mode

- /exec

show ntp authentication-status

show ntp authentication-status [__readonly__ [<authentication>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
authentication-status	NTP Authentication Status
__readonly__	(Optional)
authentication	(Optional) authentication enabled/disabled

Command Mode

- /exec

show ntp information

show ntp information [__readonly__ [<system_type>] [<software_version>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
information	Show ntp information
__readonly__	(Optional)
system_type	(Optional) Ntp System Type
software_version	(Optional) Ntp Software Version

Command Mode

- /exec

show ntp logging-status

show ntp logging-status [__readonly__ [<loggingstatus>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
logging-status	Display NTP logging status
__readonly__	(Optional)
loggingstatus	(Optional) logging enabled/disabled

Command Mode

- /exec

show ntp peer-status

show ntp peer-status [__readonly__ [<totalpeers>] [{ TABLE_peersstatus <syncmode> <remote> <local> <st> <poll> <reach> <delay> [<vrf>] }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
peer-status	Show the status for all the server/peers
__readonly__	(Optional)
totalpeers	(Optional) totalpeers
TABLE_peersstatus	(Optional) peersstatus
syncmode	(Optional) peermode
remote	(Optional) remote addr
local	(Optional) local addr
st	(Optional) stratum
poll	(Optional) ntp poll
reach	(Optional) reach
delay	(Optional) delay
vrf	(Optional) vrf name

Command Mode

- /exec

show ntp peers

show ntp peers [__readonly__ [{ TABLE_peers <PeerIPAddress> <serv_peer> <conf_flag> }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
peers	Show all the peers.
__readonly__	(Optional)
TABLE_peers	(Optional) peers
PeerIPAddress	(Optional) peer Ip addr
serv_peer	(Optional) server or peer
conf_flag	(Optional) configured or dynamic

Command Mode

- /exec

show ntp rts-update

show ntp rts-update [__readonly__ [<rtsupdate>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
rts-update	Show if the RTS update is enabled
__readonly__	(Optional)
rtsupdate	(Optional) rts update enabled/disabled

Command Mode

- /exec

show ntp session status

show ntp session status [__readonly__ [<session_status>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
session	Show the session information
status	Show the session status
__readonly__	(Optional)
session_status	(Optional) last session status

Command Mode

- /exec

show ntp source-interface

show ntp source-interface [__readonly__ [<sourceinterface>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
source-interface	Source interface configured
__readonly__	(Optional)
sourceinterface	(Optional) source interface

Command Mode

- /exec

show ntp source

show ntp source [__readonly__ [<sourceip>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
source	Source IP address configured
__readonly__	(Optional)
sourceip	(Optional) source ip addr

Command Mode

- /exec

show ntp statistics

show ntp statistics { [io] | [local] | [memory] | peer { ipaddr { <ipv4_0> | <ipv6_1> } | name <s0> } } [__readonly__ [{ <iotimesincereset> <ioreceivebuffers> <iofreereceivebuffers> <iousedreceivebuffers> <iolowwaterrefills> <iodroppedpackets> <ioignoredpackets> <ioreceivedpackets> <iopacketssent> <iopacketsnotsent> <iointerruptshandled> <ioreceivedbyint> }] [{ <localsystemuptime> <localtimesincereset> <localoldversionpackets> <localnewversionpackets> <localunknownversionnumber> <localbadpacketformat> <localpacketsprocessed> <localbadauthentication> [<localpacketsrejected>] }] [{ <memtimesincereset> <memtotalpeermemory> <memfreepeermemory> <memcallstofindpeer> <memnewpeerallocations> <mempeerdemobilizations> <memhashtablecounts> }] [{ <peeripremotehost> <peeriplocalinterface> <peeriptimelastreceived> <peeriptimeuntilnextsend> <peeripreachabilitychange> <peerippacketssent> <peerippacketsreceived> <peeripbadauthentication> <peeripbogusorigin> <peeripduplicate> <peeripbaddispersion> <peeripbadreferencetime> <peeripcandidateorder> }] [{ <peernameremotehost> <peernamelocalinterface> <peernametimelastreceived> <peernametimeuntilnextsend> <peernamereachabilitychange> <peernamepacketssent> <peernamepacketsreceived> <peernamebadauthentication> <peernamebogusorigin> <peernameduplicate> <peernameduplicate> <peernamebaddispersion> <peernamebadreferencetime> <peernamecandidateorder> }]]

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
ipv4_0	
name	Peer's Name
s0	
__readonly__	(Optional)
iotimesincereset	(Optional) time since reset
ioreceivebuffers	(Optional) receive buffers
iofreereceivebuffers	(Optional) free receive buffers
iousedreceivebuffers	(Optional) used receive buffers
iolowwaterrefills	(Optional) low water refills

iodroppedpackets	(Optional) dropped packets
ioignoredpackets	(Optional) ignored packets
ioreceivedpackets	(Optional) received packets
iopacketssent	(Optional) packets sent
iopacketsnotsent	(Optional) packets not sent
iointerruptshandled	(Optional) interrupts handled
ioreceivedbyint	(Optional) received by int
localsystemuptime	(Optional) system up time
localtimesincereset	(Optional) time since reset
localoldversionpackets	(Optional) old version packets
localnewversionpackets	(Optional) new version packets
localunknownversionnumber	(Optional) unknown version number
localbadpacketformat	(Optional) bad packet format
localpacketsprocessed	(Optional) packets processed
localbadauthentication	(Optional) bad authentication
localpacketsrejected	(Optional) packets rejected
memtimesincereset	(Optional) time since reset
memtotalpeermemory	(Optional) total peer memory
memfreepeermemory	(Optional) free peer memory
memcallstofindpeer	(Optional) calls to find peer
memnewpeerallocations	(Optional) new peer allocations
mempeerdemobilizations	(Optional) peer demobilizations
memhashtablecounts	(Optional) hash table counts
peeripremotehost	(Optional) peeripremotehost
peeriplocalinterface	(Optional) peeriplocalinterface
peeriptimelastreceived	(Optional) peeriptimelastreceived
peeriptimeuntilnextsend	(Optional) peeriptimeuntilnextsend
peeripreachabilitychange	(Optional) peeripreachabilitychange
peerippacketssent	(Optional) peerippacketssent

peerippacketsreceived	(Optional) peerippacketsreceived
peeripbadauthentication	(Optional) peeripbadauthentication
peeripbogusorigin	(Optional) peeripbogusorigin
peeripduplicate	(Optional) peeripduplicate
peeripbaddispersion	(Optional) peeripbaddispersion
peeripbadreferencetime	(Optional) peeripbadreferencetime
peeripcandidateorder	(Optional) peeripcandidateorder
peernameremotehost	(Optional) peernameremotehost
peernamelocalinterface	(Optional) peernamelocalinterface
peernametimelastreceived	(Optional) peernametimelastreceived
peernametimeuntilnextsend	(Optional) peernametimeuntilnextsend
peernamereachabilitychange	(Optional) peernamereachabilitychange
peernamepacketssent	(Optional) peernamepacketssent
peernamepacketsreceived	(Optional) peernamepacketsreceived
peernamebadauthentication	(Optional) peernamebadauthentication
peernamebogusorigin	(Optional) peernamebogusorigin
peernameduplicate	(Optional) peernameduplicate
peernamebaddispersion	(Optional) peernamebaddispersion
peernamebadreferencetime	(Optional) peernamebadreferencetime
peernamecandidateorder	(Optional) peernamecandidateorder

Command Mode

- /exec

show ntp status

show ntp status [__readonly__ [<distribution>] [<operational_state>]]

Syntax Description

show	Show running system information
ntp	Show NTP information
status	Show the NTP distribution status
__readonly__	(Optional)
distribution	(Optional) distribution enabled/disabled
operational_state	(Optional) last operation status

Command Mode

- /exec

show ntp trusted-keys

show ntp trusted-keys [__readonly__ [{ TABLE_trustkeys <key> }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
trusted-keys	Display trusted keys
__readonly__	(Optional)
TABLE_trustkeys	(Optional) trusted keys
key	(Optional) trusted key

Command Mode

- /exec

show nve bfd neighbors

show nve bfd neighbors [__readonly__ [TABLE_nve_bfd_neighbors <if-name> [{ <neighbor-vtep-ip> <neighbor-inner-ip> <neighbor-inner-mac> <neighbor-cc-state> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
bfd	BFD
neighbors	neighbors
__readonly__	(Optional)
TABLE_nve_bfd_neighbors	(Optional) BFD neighbors schema
if-name	(Optional) if-name
neighbor-vtep-ip	(Optional) Remote VTEP IP address
neighbor-inner-ip	(Optional) Remote VTEP Inner IP address
neighbor-inner-mac	(Optional) Remote VTEP Inner MAC address
neighbor-cc-state	(Optional) Remote VTEP vPC consistency check state

Command Mode

- /exec

show nve core-links

show nve core-links [__readonly__ [TABLE_core_link <if-name> <if-state>]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
core-links	Core-links
__readonly__	(Optional)
TABLE_core_link	(Optional) xml schema for show nve core-links
if-name	(Optional) core-link interface name
if-state	(Optional) core-link interface oper state

Command Mode

- /exec

show nve ethernet-segment

show nve ethernet-segment [summary] [{ esi <esi-id> }] [__readonly__ [TABLE_es <esi> <if-name> <es-state> <po-state> <nve-if-name> <nve-state> <host-reach-mode> <active-vlans> <df-vlans> <active-vnis> <cc-failed-vlans> <cc-timer-left> <num-es-mem> <local-ordinal> <df-timer-st> <config-status> <df-list> <es-rt-added> <ead-rt-added> <ead-evi-rt-timer-age>]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
ethernet-segment	Ethernet-segment
summary	(Optional) Ethernet-segment summary
esi	(Optional) ESI Value
esi-id	(Optional) ESI ID
__readonly__	(Optional)
TABLE_es	(Optional) xml schema for show nve ethernet-segment
esi	(Optional) ESI value
if-name	(Optional) port-channel interface name
es-state	(Optional) Ethernet-segment oper state
po-state	(Optional) port-channel interface oper state
nve-if-name	(Optional) NVE interface name
nve-state	(Optional) NVE oper state
host-reach-mode	(Optional) host reach mode
active-vlans	(Optional) Active vlans on ES
df-vlans	(Optional) DF-vlans on ES
active-vnis	(Optional) Active VNIs on ES
cc-failed-vlans	(Optional) Vlans for which consistency check failed
cc-timer-left	(Optional) vlan CC timer status
num-es-mem	(Optional) number of es members
local-ordinal	(Optional) local-ordinal
df-timer-st	(Optional) df election start timer

config-status	(Optional) config state
df-list	(Optional) List of router-ips in DF list
es-rt-added	(Optional) ES route added to L2RIB
ead-rt-added	(Optional) EAD routes added to L2RIB
ead-evi-rt-timer-age	(Optional) EAD/EVI route advertisement timer age

Command Mode

- /exec

show nve interface

show nve interface [<nve-if> [detail]] [__readonly__ [TABLE_nve_if { <if-name> <if-state> <encap-type> <vpc-capability> <local-rmac> <host-reach-mode> <source-if> <primary-ip> <secondary-ip> [{ <src-if-state> <nve-flags> <nve-if-handle> <src-if-holddown-tm> <src-if-holdup-tm> <src-if-holddown-left> [<es-delay-restore-time> <es-delay-restore-time-left>] <src-intf-last-reinit-notify-type> }] }]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
interface	Interface
nve-if	(Optional) NVE interface
detail	(Optional) Detailed information
__readonly__	(Optional)
TABLE_nve_if	(Optional) xml schema for show nve interfaces
if-name	(Optional) interface name
if-state	(Optional) interface oper state
encap-type	(Optional) encap-type
source-if	(Optional) source-interface
primary-ip	(Optional) primary-ip
secondary-ip	(Optional) secondary-ip
src-if-state	(Optional) source-interface state
nve-flags	(Optional) nve-flags
nve-if-handle	(Optional) interface handle
vpc-capability	(Optional) vpc capability
local-rmac	(Optional) local router mac
host-reach-mode	(Optional) host reach mode
src-if-holddown-tm	(Optional) hold down time
src-if-holdup-tm	(Optional) hold up time
src-if-holddown-left	(Optional) hold down time left
es-delay-restore-time	(Optional) es delay restore time

es-delay-restore-time-left	(Optional) es delay restore time left
src-intf-last-reinit-notify-type	(Optional) Src-Intf last notify type

Command Mode

- /exec

show nve peers

show nve peers [[[interface <nve-if> | peer-ip <user-peer-ip> | control-plane | data-plane] [detail]] | [control-plane-vni [vni <vni-id> | peer-ip <user-peer-ip>]] | [controller]] [__readonly__ TABLE_nve_peers [[<if-name>] [<peer-ip>] [<peer-state>] [<learn-type>] [<uptime>] [<router-mac>] [{ <first-vni> <create-ts> <config-vnis> <provision-state> <route-update> <peer-flags> <cp-vni> <peer-ifindex-resp> }] [{ <vni> <learn-src> <vni-gw-mac> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	Show peers
interface	(Optional) Interface
nve-if	(Optional) NVE interface
detail	(Optional) Detailed information
peer-ip	(Optional) Show a specific peer
user-peer-ip	(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
vni-id	(Optional) Virtual Network Identifier
controller	(Optional) Show peers configured by controller
__readonly__	(Optional)
TABLE_nve_peers	(Optional) schema peer
if-name	(Optional) if-name
peer-ip	(Optional) peer-ip
peer-state	(Optional) peer-state
learn-type	(Optional) learn-type
uptime	(Optional) uptime
first-vni	(Optional) first-vni
config-vnis	(Optional) config-vnis

provision-state	(Optional) provision-state
route-update	(Optional) route-update
peer-flags	(Optional) peer-flags
cp-vni	(Optional) cp-vni
peer-ifindex-resp	(Optional) peer-ifindex-resp
create-ts	(Optional) create-timestamp
router-mac	(Optional) router-mac
vni	(Optional) vni value
learn-src	(Optional) learn source
vni-gw-mac	(Optional) vni gateway mac

Command Mode

- /exec

show nve peers interface counters

show nve peers <addr> interface <nve-if>counters [__readonly__ <peer-ip> <tx_ucastpkts> <tx_ucastbytes> <tx_mcastpkts> <tx_mcastbytes> <rx_ucastpkts> <rx_ucastbytes> <rx_mcastpkts> <rx_mcastbytes>]

Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	NVE Peer
addr	Remote Peer IP Address
interface	Interface
__readonly__	(Optional)
peer-ip	(Optional)
tx_ucastpkts	(Optional)
tx_ucastbytes	(Optional)
tx_mcastpkts	(Optional)
tx_mcastbytes	(Optional)
rx_ucastpkts	(Optional)
rx_ucastbytes	(Optional)
rx_mcastpkts	(Optional)
rx_mcastbytes	(Optional)

Command Mode

- /exec

show nve peers vni interface counters

show nve peers { <addr> | all } vni { <vni-id> | all } interface <nve-if>counters [__readonly__ TABLE_nve_peer_vni_counters <peer-ip> <vni> <tx_ucastpkts> <tx_ucastbytes> <tx_mcastpkts> <tx_mcastbytes> <rx_ucastpkts> <rx_ucastbytes> <rx_mcastpkts> <rx_mcastbytes>]

Syntax Description

show	Display NVE information
nve	Configure NVE information
peers	NVE Peer
addr	Remote Peer IP Address
all	Show counters for all peers/VNIs
vni	Virtual Network Identifier
vni-id	Virtual Network Identifier
interface	Interface
__readonly__	(Optional)
TABLE_nve_peer_vni_counters	(Optional)
peer-ip	(Optional)
vni	(Optional)
tx_ucastpkts	(Optional)
tx_ucastbytes	(Optional)
tx_mcastpkts	(Optional)
tx_mcastbytes	(Optional)
rx_ucastpkts	(Optional)
rx_ucastbytes	(Optional)
rx_mcastpkts	(Optional)
rx_mcastbytes	(Optional)

Command Mode

- /exec

show nve replication-servers

show nve replication-servers [__readonly__ [TABLE_nve_replication_servers <if-name> [{ <server-ip> <server-state> <server-ready> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
replication-servers	replication-servers
__readonly__	(Optional)
TABLE_nve_replication_servers	(Optional) replcation servers schema
if-name	(Optional) if-name
server-ip	(Optional) Server IP address
server-state	(Optional) Server reachability state
server-ready	(Optional) Server ready state

Command Mode

- /exec

show nve vni

show nve vni [{ { interface <nve-if> | <vni-id> } [detail] } | control-plane | data-plane | summary | controller] [__readonly__ [TABLE_nve_vni [<if-name> <vni> <mcast> <vni-state> <mode> <type> <flags> [{ <prvsn-state> <vlan-bd> <svi-state> <cp-submode> }]] [{ <cp-vni-count> <cp-vni-up> <cp-vni-down> <dp-vni-count> <dp-vni-up> <dp-vni-down> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
vni-id	(Optional) Virtual Network Identifier
interface	(Optional) Interface
nve-if	(Optional) NVE interface
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	(Optional) show vni configured by controller
__readonly__	(Optional)
TABLE_nve_vni	(Optional) vni schema
if-name	(Optional) if-name
vni	(Optional) vni
mcast	(Optional) mcast
vni-state	(Optional) vni-state
mode	(Optional) vni-mode
type	(Optional) vni-type
flags	(Optional) vni-flags
prvsn-state	(Optional) provision-state
vlan-bd	(Optional) vlan-bd
svi-state	(Optional) svi-state

cp-submode	(Optional) CP-submode
cp-vni-count	(Optional) CP vni count
cp-vni-up	(Optional) CP vni up count
cp-vni-down	(Optional) CP vni down count
dp-vni-count	(Optional) DP vni count
dp-vni-up	(Optional) DP vni up count
dp-vni-down	(Optional) DP vni down count

Command Mode

- /exec

show nve vni counters

show nve vni <vni-id> counters [__readonly__ <vni> <tx_ucastpkts> <tx_ucastbytes> <tx_mcastpkts> <tx_mcastbytes> <rx_ucastpkts> <rx_ucastbytes> <rx_mcastpkts> <rx_mcastbytes>]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
vni-id	Virtual Network Identifier
counters	Counters
__readonly__	(Optional)
vni	(Optional)
tx_ucastpkts	(Optional)
tx_ucastbytes	(Optional)
tx_mcastpkts	(Optional)
tx_mcastbytes	(Optional)
rx_ucastpkts	(Optional)
rx_ucastbytes	(Optional)
rx_mcastpkts	(Optional)
rx_mcastbytes	(Optional)

Command Mode

- /exec

show nve vni ingress-replication

show nve vni ingress-replication [{ interface <nve-if> | <vni-id> }] [__readonly__ [TABLE_nve_vni_ingr_repl <if-name> <vni> [{ <repl-ip> <source> <up-time> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
ingress-replication	ingress-replication
vni-id	(Optional) Virtual Network Identifier
interface	(Optional) Interface
nve-if	(Optional) NVE interface
__readonly__	(Optional)
TABLE_nve_vni_ingr_repl	(Optional) vni ingress repl schema
if-name	(Optional) if-name
vni	(Optional) vni
repl-ip	(Optional) Replication List
source	(Optional) Source
up-time	(Optional) Up Time

Command Mode

- /exec

show nve vni peer-vtep

show nve vni peer-vtep [{ interface <nve-if> | <vni-id> }] [__readonly__ [TABLE_nve_vni_peer_vtep <if-name> <vni> [{ <vtep-ip> <source> <up-time> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vni	Virtual Network Identifier
peer-vtep	Show static peer-vtep configured per vni
vni-id	(Optional) Virtual Network Identifier
interface	(Optional) Interface
nve-if	(Optional) NVE interface
__readonly__	(Optional)
TABLE_nve_vni_peer_vtep	(Optional) vni peer vtep schema
if-name	(Optional) if-name
vni	(Optional) vni
vtep-ip	(Optional) VTEP List
source	(Optional) Source
up-time	(Optional) Up Time

Command Mode

- /exec

show nve vrf

show nve vrf [vrf-name] [__readonly__ [TABLE_nve_vrf <vrf-name> <vni> <if-name> <gateway-mac> [{ <ipv4-tblid> <ipv6-tblid> <vni-sw-bd> <flags> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vrf	VRF name
vrf-name	(Optional) vrf name
__readonly__	(Optional)
TABLE_nve_vrf	(Optional) vrf schema
vrf-name	(Optional) vrf-name
vni	(Optional) vni
if-name	(Optional) if-name
gateway-mac	(Optional) gateway-mac
ipv4-tblid	(Optional) ipv4-table-id
ipv6-tblid	(Optional) ipv6-table-id
vni-sw-bd	(Optional) vni-sw-bd
flags	(Optional) flags

Command Mode

- /exec

show nve vxlan-params

show nve vxlan-params [__readonly__ <vxlan-port>]

Syntax Description

show	Display NVE information
nve	Configure NVE information
vxlan-params	VxLAN Parameters
__readonly__	(Optional)
vxlan-port	(Optional) vxlan-params

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 [__readonly__ { operation_status <o_status> } [configuration_error <c_error>] { TABLE_listen_on_port <l_port> }]

Syntax Description

show	Show running system information
nxapi	Show nxapi status
__readonly__	(Optional)
operation_status	(Optional) run-time information about nxapi
o_status	(Optional) enabled or not
configuration_error	(Optional) config syntax error
c_error	(Optional) confg syntax error
TABLE_listen_on_port	(Optional) listen on port table
l_port	(Optional) listen on port

Command Mode

- /exec