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show nat itd

show nat itd [__readonly__ [{ TABLE_NAT_ITD_configurations [<nat_itd_acl_name>] [<nat_itd_globalip>] [<nat_itd_globalport>] [<nat_itd_localip>] [<nat_itd_localport>] [<nat_itd_proto>] [<nat_itd_acl_type>] [<nat_itd_ingress_vrf>] [<nat_itd_egress_vrf>] }]]

Syntax Description

show	Show running system information
nat	IP NAT information
itd	IP NAT ITD
__readonly__	(Optional)
TABLE_NAT_ITD_configurations	(Optional) NAT ITD Configurations
nat_itd_acl_name	(Optional) NAT ITD ACL name
nat_itd_globalip	(Optional) NAT ITD Global Ip address
nat_itd_globalport	(Optional) NAT ITD Global port
nat_itd_localip	(Optional) NAT ITD Local Ip address
nat_itd_localport	(Optional) NAT ITD Local port
nat_itd_proto	(Optional) NAT ITD protocol
nat_itd_acl_type	(Optional) NAT ITD Acl type
nat_itd_ingress_vrf	(Optional) NAT ITD Ingress VRF
nat_itd_egress_vrf	(Optional) NAT ITD Egress VRF

Command Mode

- /exec

show nbm defaults

show nbm defaults [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrfName> { <contextId> <bandwidthInKbps> <dscp> <qid> <policer> <operModeCache> <operMode> <unicastFabricBandwidth> <ResBwRxOnly> <numAsmGroup> } [TABLE_ASM <groupId> { <groupPrefix> <groupMaskLen> }] { <senderPolicy> <localReceiverPolicy> <externalReceiverPolicy> }]

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
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrfName	(Optional) VRF name
contextId	(Optional) Context ID
bandwidthInKbps	(Optional) Bandwidth in Kbps
dscp	(Optional) DSCP
qid	(Optional) Queue ID
policer	(Optional) Policer
operModeCache	(Optional) Operation Mode Cache
operMode	(Optional) Operation Mode
unicastFabricBandwidth	(Optional) Unicast fabric bandwidth
ResBwRxOnly	(Optional) Reserve Bandwidth Receiver Only
numAsmGroup	(Optional) Number of ASM Groups
TABLE_ASM	(Optional) ASM Group Table
groupId	(Optional) Group number
groupPrefix	(Optional) Group Prefix

groupMaskLen	(Optional) Group Mask Length
senderPolicy	(Optional) Sender Policy
localReceiverPolicy	(Optional) Local Receiver Policy
externalReceiverPolicy	(Optional) External Receiver Policy (PIM)

Command Mode

- /exec

show nbm flow-policy

show nbm flow-policy [name { <policy-name> }] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ TABLE_vrf { <vrfName> [<policyName>] [{ <defaultBandwidthKbps> <defaultDscp> <defaultQos> <defaultPolicer> }] [{ TABLE_flow_policy <groupRange> <bandwidthKbps> <dscp> <qos> <policer> <priority> <policyName> }] <numGroupRanges> <numPolicies> }]

Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flow-policy	Flow policy show command
name	(Optional) Policy name
policy-name	(Optional) Policy name value
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrfName	(Optional) VRF name
policyName	(Optional) Policy name
defaultBandwidthKbps	(Optional) Default Bandwidth in Kbps
defaultDscp	(Optional) Default DSCP
defaultQos	(Optional) Default QOS
defaultPolicer	(Optional) Default Policer
TABLE_flow_policy	(Optional) Flow policies in VRF
groupRange	(Optional) Group range
bandwidthKbps	(Optional) Bandwidth in Kbps
dscp	(Optional) DSCP
qos	(Optional) QOS
policer	(Optional) Policer

priority	(Optional) Priority
policyName	(Optional) Policy Name
numGroupRanges	(Optional) Number of group or group-range
numPolicies	(Optional) Number of flow policies

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 | critical } | logical-id { none | any | <lid-val> } | profile-id <prof-id>] [all | active | inactive | no-receiver] [detail] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_flows { <mcast_grp> <src_ip> [<start_time>] <uptime> <src_intf> <src_nbr_device> [<lid> <profile> <status>] <num_rx> <bw_mbps> [<cfg_mbps>] <src_slot> <src_unit> <src_slice> } [{ <act_slot> <act_unit> <stdby_slot> <stdby_unit> }] { <dscp> <qos> [<owner_type>] <policed> [<is_fhr>] <priority> <pol_name> } [<flag>] [TABLE_num_int_links { <n_link> <num_links> }] [TABLE_int_links { <iiod> <ilink> <i_ifidx> <fab_iiod> <fab_oiod> <fab_ifidx> <oiod> <olink> <i_ieth_port> <fab_ieth_port> }] [TABLE_oifs { [<oif_num>] <oif_slot> <oif_unit> <oif_slot_unit_num_rx> <oif_if_idx> <oif_iod> <oif_name> <oif_nbr_device> }] [{ <end_timestr> <flow_rate_bps> <packets> <bytes> }]]]]

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
cfg-pol-name	(Optional) Policy name
unknown-pol-name	(Optional) Policy name
source	(Optional) Source IP address
source-ip	(Optional) Source IP address
group	(Optional) Multicast group
group-ip	(Optional) Multicast group address
interface	(Optional) Ingress interface
priority	(Optional) Flow Priority
low	(Optional) low
critical	(Optional) critical

logical-id	(Optional) Logical ID (LID)
lid-val	(Optional) Logical ID (LID) value
any	(Optional) Any Logical ID (LID)
none	(Optional) Without any Logical ID (LID)
profile-id	(Optional) Profile ID
prof-id	(Optional) Profile ID value
detail	(Optional) Detailed output
if-name	(Optional) Interface name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
TABLE_flows	(Optional) Flow table
mcast_grp	(Optional) Multicast group IP
src_ip	(Optional) Source IP
start_time	(Optional) Start time for the flow
uptime	(Optional) Uptime for the flow
src_intf	(Optional) Ingress source interface
src_nbr_device	(Optional) Ingress neighbor device name
lid	(Optional) Logical internal flow ID
profile	(Optional) Profile ID
status	(Optional) Flow status
num_rx	(Optional) Number of receivers (OIFs)
bw_mbps	(Optional) Set bandwidth
cfg_mbps	(Optional) Configured bandwidth
src_slot	(Optional) Source (RPF) slot
src_unit	(Optional) Source (RPF) unit
src_slice	(Optional) Source (RPF) slice
dscp	(Optional) Flow DSCP
qos	(Optional) Flow QOS group

owner_type	(Optional) Flow Owner type
policed	(Optional) Flow is policed or not
is_fhr	(Optional) This node is FHR (First-Hop Router) for the Flow
priority	(Optional) Priority
pol_name	(Optional) Flow Policy name
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
act_slot	(Optional) Active FM Slot
act_unit	(Optional) Active FM Unit
stdby_slot	(Optional) Standby FM Slot
stdby_unit	(Optional) Standby FM Unit
flag	(Optional) Flow not guarantee flag
TABLE_num_int_links	(Optional) Internal link number table
n_link	(Optional) N Link
num_links	(Optional) Number of Links
TABLE_int_links	(Optional) Internal link table
iiod	(Optional) IIOD
ilink	(Optional) Ilink
i_ifidx	(Optional) Internal IF IDX
fab_iiod	(Optional) Fabric IIOD
fab_oiod	(Optional) Fabric OIOD
fab_ifidx	(Optional) Fabric IFIDX
oiod	(Optional) OIOD
olink	(Optional) OLink
i_ieth_port	(Optional) Internal IEth Link
fab_ieth_port	(Optional) Fabric IEth Port
TABLE_oifs	(Optional) OIF table

oif_num	(Optional) Receiver serial number
oif_slot	(Optional) Slot
oif_unit	(Optional) Unit
oif_slot_unit_num_rx	(Optional) Number of Receivers for slot/unit
oif_if_idx	(Optional) Receiver interface index
oif_iod	(Optional) Outgoing IOD
oif_name	(Optional) Outgoing interface name
oif_nbr_device	(Optional) Outgoing neighbor device name
end_timestr	(Optional) Deleted flow end time
flow_rate_bps	(Optional) Deleted flow flow rate in bps
packets	(Optional) Deleted flow packets
bytes	(Optional) Deleted flow bytes

Command Mode

- /exec

show nbm flows pending-stitch

show nbm flows pending-stitch [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_pending_stitch_flows { <src_ip> <grp> <ctx_name> <mrib_del> <star_g> <pending_type> <pending_type_str> }] <num_entries>]]

Syntax Description

show	Show running system information
nbm	Non Blocking Multicast
flows	NBM flows
pending-stitch	All pending stitch flows
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF TABLE
vrf-name	(Optional) VRF name
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
TABLE_pending_stitch_flows	(Optional) Pending stitch flows
src_ip	(Optional) Source IP
grp	(Optional) Group IP
ctx_name	(Optional) Context name
mrib_del	(Optional) Deleted from MRIB
star_g	(Optional) Star g flow
pending_type	(Optional) pending type for flow
pending_type_str	(Optional) pending type for flow string
num_entries	(Optional) Number of entries

Command Mode

- /exec

show nbm flows static

show nbm flows static [group <grp>] [source <src>] [stitched | unstitched] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ { [TABLE_vrf <vrf-name> [TABLE_stitched { <stitchedSrc> <stitchedGrp> [TABLE_stitchedEgress { <stitchedEgressIntf> }] [TABLE_stitchedHost { <stitchedHostIp> }] }] [TABLE_unstitched { <unstitchedSrc> <unstitchedGrp> [TABLE_unstitchedEgress { <unstitchedEgressIntf> }] [TABLE_unstitchedHost { <unstitchedHostIp> }] }] [TABLE_Provisioned_Static_Flows { [<staticApiSrc>] [<staticApiGrp>] } [<iifName>] [<bwkbps>] [<policer>] [<iifProgStatus>] [TABLE_OIF { [<isLhr>] [<oifName>] [<oifProgStatus>] }]]] }]

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
grp	(Optional) Multicast group address
source	(Optional) Source ip of sender
src	(Optional) Source address
stitched	(Optional) Show only successfully provisioned oif
unstitched	(Optional) Show only failed to provision oif
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
TABLE_stitched	(Optional) Static Flows stitched table
stitchedSrc	(Optional) Source IP address stitched
stitchedGrp	(Optional) Multicast Group address stitched
TABLE_stitchedEgress	(Optional) Egress Intferace table stitched flows
stitchedEgressIntf	(Optional) Egress Interface for stitched flows

TABLE_stitchedHost	(Optional) Host IP table for stitched flows
stitchedHostIp	(Optional) Host IP address for stitched flows
TABLE_unstitched	(Optional) Static Flows unstitched
unstitchedSrc	(Optional) Source IP address unstitched
unstitchedGrp	(Optional) Multicast Group address unstitched
TABLE_unstitchedEgress	(Optional) Egress Intferace table unstitched flows
unstitchedEgressIntf	(Optional) Egress Interface for unstitched flows
TABLE_unstitchedHost	(Optional) Host IP table for unstitched flows
unstitchedHostIp	(Optional) Host IP address for unstitched flows
TABLE_Provisioned_Static_Flows	(Optional) Provisioned Static Flows
staticApiSrc	(Optional) Source IP address for Pim Passive
staticApiGrp	(Optional) Multicast Group address for Pim Passive
iifName	(Optional) Ingress Interface name
bwkbps	(Optional) BW in Kbps
policer	(Optional) Policer
iifProgStatus	(Optional) Ingress Interface Prog Status
TABLE_OIF	(Optional) Egress Interface table for Pim Passive flows
isLhr	(Optional) Is LHR
oifName	(Optional) Egress Interface Name
oifProgStatus	(Optional) OIF Interface Prog Status

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 }] [__readonly__ { [TABLE_vrf <vrf-name> [TABLE_stats { <mcast_grp> <src_ip> [<start_time>] <uptime> <src_intf> <packets> <bytes> <allow_bytes> <drop_bytes> }]] }]

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
source-ip	(Optional) Source IP address value
group	(Optional) Multicast group
group-ip	(Optional) Multicast group address value
flow-policy	(Optional) Flow policy
cfg-pol-name	(Optional) Policy name
unknown-pol-name	(Optional) Policy name
interface	(Optional) Ingress interface
if-name	(Optional) Interface interface name
logical-id	(Optional) Logical ID (LID)
lid-val	(Optional) Logical ID (LID) value
any	(Optional) Any Logical ID (LID)
none	(Optional) Without any Logical ID (LID)
profile-id	(Optional) Profile ID
prof-id	(Optional) Profile ID value
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name

nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
TABLE_stats	(Optional) Flow stats table
mcast_grp	(Optional) Multicast group IP
src_ip	(Optional) Source IP
start_time	(Optional) Start time for the flow
uptime	(Optional) Uptime for the flow
src_intf	(Optional) Ingress source interface
packets	(Optional) Packets
bytes	(Optional) Bytes
allow_bytes	(Optional) Allowed bytes
drop_bytes	(Optional) Droped bytes

Command Mode

- /exec

show nbm flows summary

show nbm flows summary [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_flows_summary <flow_type> <starg> <sg> <total>] [TABLE_flows_summary_per_rpf <if-name> <starg> <sg> <total>]]]

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
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
TABLE_flows_summary	(Optional) Flow summary table
flow_type	(Optional) Type of Flow Summary
sg	(Optional) (S,G) number of flows
starg	(Optional) (*,G) number of flows
total	(Optional) Total Flows
TABLE_flows_summary_per_rpf	(Optional) Flow summary table per RPF
if-name	(Optional) RPF Interface name
sg	(Optional) (S,G) number of flows
starg	(Optional) (*,G) number of flows
total	(Optional) Total Flows

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 }] [__readonly__ [TABLE_vrf <vrf-name> <policyType> <defaultHostPolicy> [TABLE_host_policies <seqNum> <source> <group> <groupMask> [<host>] <permission>] <numPolicies>]]

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
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
policyType	(Optional) Type of Policy
defaultHostPolicy	(Optional) Default Permission for Host Policy
TABLE_host_policies	(Optional) Host policy table
seqNum	(Optional) Sequence number
source	(Optional) Source IP
group	(Optional) Multicast group IP
groupMask	(Optional) Group mask length
host	(Optional) Reporter or Host IP

permission	(Optional) Permission for this Policy
numPolicies	(Optional) Number of Policies

Command Mode

- /exec

show nbm host-policy applied receiver

show nbm host-policy applied receiver { { { local { all | wildcard } | external } [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] } | { local interface <if-name> } } [__readonly__ [TABLE_vrf <vrf-name> <policyType> <defaultHostPolicy> [TABLE_interface <ifName> [TABLE_host_policies <seqNum> <source> <group> <groupMask> <permission> <denyCounter>]] [TABLE_wildcard_policies <seqNumWildcard> <sourceWildcard> <groupWildcard> <groupMaskWildcard> <permissionWildcard> <denyCounterWildcard>] <numPolicies>]]

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
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
all	(Optional) Display all VRFs
interface	Interface
if-name	Interface name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
policyType	(Optional) Type of Policy
defaultHostPolicy	(Optional) Default Permission for Host Policy
TABLE_interface	(Optional) Interface table
ifName	(Optional) Interface name

TABLE_host_policies	(Optional) Host policy table
seqNum	(Optional) Sequence number
source	(Optional) Source IP
group	(Optional) Multicast group IP
groupMask	(Optional) Group mask length
permission	(Optional) Permission for this Policy
denyCounter	(Optional) Deny Counter
TABLE_wildcard_policies	(Optional) Wildcard policy table
seqNumWildcard	(Optional) Sequence number
sourceWildcard	(Optional) Source IP
groupWildcard	(Optional) Multicast group IP
groupMaskWildcard	(Optional) Group mask length
permissionWildcard	(Optional) Permission for this Policy
denyCounterWildcard	(Optional) Deny Counter
numPolicies	(Optional) Number of Policies

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> } } [__readonly__ [TABLE_vrf <vrf-name> <policyType> <defaultHostPolicy> [TABLE_interface <ifName> [TABLE_host_policies <seqNum> <source> <group> <groupMask> <permission>]] [TABLE_wildcard_policies <seqNumWildcard> <sourceWildcard> <groupWildcard> <groupMaskWildcard> <permissionWildcard>] <numPolicies>]]

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
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
interface	Interface
if-name	Interface name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
policyType	(Optional) Type of Policy
defaultHostPolicy	(Optional) Default Permission for Host Policy
TABLE_interface	(Optional) Interface table
ifName	(Optional) Interface name
TABLE_host_policies	(Optional) Host policy table
seqNum	(Optional) Sequence number
source	(Optional) Source IP

group	(Optional) Multicast group IP
groupMask	(Optional) Group mask length
permission	(Optional) Permission for this Policy
TABLE_wildcard_policies	(Optional) Wildcard policy table
seqNumWildcard	(Optional) Sequence number
sourceWildcard	(Optional) Source IP
groupWildcard	(Optional) Multicast group IP
groupMaskWildcard	(Optional) Group mask length
permissionWildcard	(Optional) Permission for this Policy
numPolicies	(Optional) Number of Policies

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>] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_flows { <index> <mcast_grp> <src_ip> <iif> <bw_mbps> <ignore_intf> <ignore_intf_iod> <num_oif> <policer_pending> <policer> } [TABLE_oifs { <oif-name> <owner> <nat-count> }]]]]

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
oif-name	(Optional) flow-detail Physical or Logical interface
vrf	Display per-VRF information
all	Display all VRFs
vrf-name	VRF name
nbm-vrf-known-name	NBM VRF Name
__readonly__	(Optional)
TABLE_vrf	(Optional) VRF table
vrf-name	(Optional) VRF name
TABLE_flows	(Optional) Flow table
mcast_grp	(Optional) Multicast group IP
src_ip	(Optional) Source IP
index	(Optional) index
iif	(Optional) Incoming interface
bw_mbps	(Optional) Bandwidth
ignore_intf	(Optional) ignore interface
ignore_intf_iod	(Optional) ignore interface iod

num_oif	(Optional) number of OIF
policer_pending	(Optional) pending policer
policer	(Optional) Policer disabled or enabled
TABLE_oifs	(Optional) OIF table
oif-name	(Optional) OIF name
owner	(Optional) OIF Owner
nat-count	(Optional) NAT count

Command Mode

- /exec

show nbm interface bandwidth

show nbm interface { bandwidth | bandwidth-utilized } [interface <if-name>] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ [TABLE_bw { <index> <ifname> <iod> <slot> <unit> <slice> <configured_unicast_percentage> <ingr_fl_bw_available> <ingr_fl_bw_usable> <ingr_fl_bw_capacity> <applied_ingr_unicast_mbps> <applied_ingr_unicast_rsvd_percent> <egr_fl_bw_available> <egr_fl_bw_usable> <egr_fl_bw_capacity> <applied_egr_unicast_mbps> <applied_egr_unicast_rsvd_percent> <nbr_dev_id> <nbr_dev_name> <external> }]]

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
if-name	(Optional) Physical or Logical interface
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name
__readonly__	(Optional)
TABLE_bw	(Optional) TABLE Bandwidth
index	(Optional) Index
ifname	(Optional) Interface
iod	(Optional) IOD
slot	(Optional) SLOT
unit	(Optional) UNIT
slice	(Optional) SLICE
configured_unicast_percentage	(Optional) Link Configured Unicast Percentage
ingr_fl_bw_available	(Optional) Ingress Link BW available in MBPS
ingr_fl_bw_usable	(Optional) Ingress Link BW usable in MBPS

ingr_fl_bw_capacity	(Optional) Ingress Link BW capacity in MBPS
applied_ingr_unicast_mbps	(Optional) Applied ingresss Unicast bandwidth alloted in MBPS
applied_ingr_unicast_rsvd_percent	(Optional) Applied ingresss Unicast bandwidth reserved percent
egr_fl_bw_available	(Optional) Egress Link BW available in MBPS
egr_fl_bw_usable	(Optional) Egress Link BW usable in MBPS
egr_fl_bw_capacity	(Optional) Egress Link BW capacity in MBPS
applied_egr_unicast_mbps	(Optional) Applied egress Unicast bandwidth alloted in MBPS
applied_egr_unicast_rsvd_percent	(Optional) Applied egresss Unicast bandwidth reserved percent
nbr_dev_id	(Optional) Neighbor device ID
nbr_dev_name	(Optional) Neighbor device name
external	(Optional) External

Command Mode

- /exec

show ngoam interface statistics

show ngoam interface statistics [__readonly__ [TABLE_stats { <interface-name> <tx> <rx> } <statistics-end>]]

Syntax Description

TABLE_stats	(Optional) interface statistics table
interface-name	(Optional) interface namestring
tx	(Optional) ngoam probe transmit on the interface
rx	(Optional) ngoam probe receive on the interface
show	Show running system information
ngoam	ngoam
interface	probe packet interface
statistics	ngoam probe interface statistics
__readonly__	(Optional) Read Only
statistics-end	(Optional) statistics table end marker

Command Mode

- /exec

show ngoam loop-detection status

show ngoam loop-detection status [vlan <vlan-range> [port <port-range>]] [history] [__readonly__ <top-line> [TABLE_loopdetection_status { <vlanId> <portId> <state> <numLoops> <loopDetectedTime> <loopClearedTime> }]]

Syntax Description

show	Show running system information
ngoam	Configure ngoam
loop-detection	Configure sld
status	show blocked/recovering state loops
vlan	(Optional) ngoam loop-detection vlan
port	(Optional) ngoam loop-detection port
history	(Optional) show history of loops detected
vlan-range	(Optional) vlan range max span 1024, Example: 2000-3000,400,500
port-range	(Optional) Interface for loop detection
__readonly__	(Optional) Read Only
TABLE_loopdetection_status	(Optional) Loop detection status table
vlanId	(Optional) Vlan id of loop detected
portId	(Optional) Port name of loop detected
state	(Optional) Port status
loopDetectedTime	(Optional) Loop detection time stamp
loopClearedTime	(Optional) Loop Cleared time stamp
numLoops	(Optional) Number of times loop deetected for given vlanid and port
top-line	(Optional) Placeholder for printing the status header

Command Mode

- /exec

show ngoam loop-detection summary

show ngoam loop-detection summary [__readonly__ [TABLE_loopdetection_summary { <enable> <periodic_probe_interval> <port_recovery_interval> <numVlans> <numPorts> <numLoops> <numPortsBlocked> <numVlansDisabled> <numPortsDisabled> <totalProbesSent> <totalProbesReceived> <nextProbeTime> <nextRecoveryTime> }]]

Syntax Description

show	Show running system information
ngoam	Configure ngoam
loop-detection	Show loop detection
summary	ngoam loop detection summary
__readonly__	(Optional) Read Only
TABLE_loopdetection_summary	(Optional) Loop detection summary table
enable	(Optional) Loop detection enable
periodic_probe_interval	(Optional) Loop detection probe interval
port_recovery_interval	(Optional) Loop detection port recovery time
numVlans	(Optional) Number of vlan Loop detection is active monitoring
numPorts	(Optional) Number of ports Loop detection is active monitoring
numLoops	(Optional) Number of loops detected
numPortsBlocked	(Optional) Number of ports blocked by the loop detection
numVlansDisabled	(Optional) Number of VLANs,loop detection has disabled
numPortsDisabled	(Optional) Number of ports,loop detection has disabled
totalProbesSent	(Optional) Total number of probes sent
totalProbesReceived	(Optional) Total number of probes received
nextProbeTime	(Optional) Next probe window start time
nextRecoveryTime	(Optional) Next recovery window start time

Command Mode

- /exec

show ngoam loopback

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

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
connect-check-id	(Optional) connect check id
last-clear-stats	(Optional) last clear time for statistics
TABLE_stats_attr	(Optional) Stats attributes table
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
req-sw-fwd	(Optional) Request pkts sw fwded
resp-sw-fwd	(Optional) Response pkts sw fwded
req-drop	(Optional) Requests dropped
resp-drop	(Optional) Responses dropped
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> [TABLE_stats_fields { <stat-attr> <stat-value> }] }] [{ TABLE_summary <last-clear-summary-stats> <tx> <rx> <timeout> <unsent> <req-sw-fwd> <req-drop> <resp-tx> <resp-rx> <resp-unsent> <resp-dup> <resp-sw-fwd> <resp-drop> }] [{ TABLE_database <db-sender-handle> <db-start-time> <db-end-time> <db-last-clear-stats> <db-tx> <db-rx> <db-timeout> <db-unsent> <db-req-sw-fwd> <db-req-drop> <db-resp-tx> <db-resp-rx> <db-resp-unsent> <db-resp-dup> <db-resp-sw-fwd> <db-resp-drop> { TABLE_db_reply <seq-number> <cli-status> [<reply-ip>] [<ingress-if>] [<ingress-if-state>] [<egress-if>] [<egress-if-state>] [{ TABLE_ifstats <if-name> <rx-len> <rx-bytes> <rx-pkt-rate> <rx-byte-rate> <rx-load> <rx-ucast> <rx-mcast> <rx-bcast> <rx-discards> <rx-errors> <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> }] [<end-row>] + } }]]

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
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
__readonly__	(Optional) Read Only
TABLE_stats	(Optional) statistics table
sender-handle	(Optional) sender handle
last-clear-stats	(Optional) last clear time for statistics
TABLE_stats_fields	(Optional) statistics entries
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
req-sw-fwd	(Optional) Request pkts sw fwded
req-drop	(Optional) Requests dropped
resp-tx	(Optional) summary resp tx
resp-rx	(Optional) summary resp rx
resp-unsent	(Optional) summary resp unsent
resp-dup	(Optional) Duplicate responses received
resp-sw-fwd	(Optional) Response pkts sw fwded
resp-drop	(Optional) Responses dropped
TABLE_database	(Optional) pathtrace database
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-req-sw-fwd	(Optional) Request pkts sw fwded
db-req-drop	(Optional) Requests dropped
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
db-resp-sw-fwd	(Optional) Response pkts sw fwded
db-resp-drop	(Optional) Responses dropped
TABLE_db_reply	(Optional) Replies
seq-number	(Optional) Sequence number
cli-status	(Optional) ngoam pathtrace status
reply-ip	(Optional) ngoam pathrace reply ip
ingress-if	(Optional) Ingress interface
ingress-if-state	(Optional) Ingress interface state
egress-if	(Optional) Egress interface
egress-if-state	(Optional) Egress interface state
end-row	(Optional) Row end
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

Command Mode

- /exec

show ngoam probe

show ngoam probe { { statistics { summary | { session { <handle> | all } } } } } [__readonly__ [TABLE_stats { <sender-handle> <transaction-id> <dst-vip> <vni> <oam-type> <flow-str> <last-clear-stats> <req-sent> <req-not-sent> } <statistics-end>] [TABLE_summary { <last-clear-summary-stats> <tx> <rx> <timeout> <unsent> <resp-tx> <resp-rx> <resp-unsent> }]]

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
handle	ngoam probe session handle
all	Display results for all probe sessions
TABLE_stats	(Optional) statistics table
sender-handle	(Optional) sender handle
transaction-id	(Optional) Transaction Identifier
dst-vip	(Optional) Destination Vtep ip address
vni	(Optional) vxlan header vni
oam-type	(Optional) draft pang oam type
flow-str	(Optional) 128 byte flow string.
last-clear-stats	(Optional) last clear time for statistics
req-sent	(Optional) request sent
req-not-sent	(Optional) request not sent or failed
statistics-end	(Optional) statistics table end marker
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
__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> TABLE_stats_attr { <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
TABLE_stats_attr	(Optional) Stats attributes table
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 ngoam xconnect session

show ngoam xconnect session { <id> [iodb] | all [dbdump] } [__readonly__ [TABLE_xc_db_summary { [<legend>] <vlan-id> <peer-ip> <vni> <db-state> <local-if> <local-if-state> <remote-if> <remote-if-state> [<end-row>] + } +] [ENTRY_xc_db_detail { <detail> <d-vlan-id> <d-peer-ip> [<peer-name>] <d-vni> <d-db-state> <last-state-change-ts> <d-local-if> <d-local-if-state> <vpc-if> <vpc-if-state> <remote-if-detail> <remote-if-detail-state> <remote-vpc-if> <remote-vpc-if-state> [<d-end-row>] + }]]

Syntax Description

show	Show running system information
ngoam	ngoam information
xconnect	crossconnect info
session	xc session id
id	Vlan-id of the xc
iodb	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
all	show summary info for all sessions
__readonly__	(Optional) Read Only
TABLE_xc_db_summary	(Optional) XC Db table
ENTRY_xc_db_detail	(Optional) XC Db detail
detail	(Optional) Detail or not
vlan-id	(Optional) Vlan id
d-vlan-id	(Optional) Vlan id
vni	(Optional) vni
d-vni	(Optional) vni
local-if	(Optional) Interface
d-local-if	(Optional) Interface
local-if-state	(Optional) Interface state
d-local-if-state	(Optional) Interface state
remote-if	(Optional) Remote interface
remote-if-state	(Optional) Remote interface state
remote-if-detail	(Optional) Remote interface
remote-if-detail-state	(Optional) Remote interface state

vpc-if	(Optional) Interface
vpc-if-state	(Optional) Interface state
remote-vpc-if	(Optional) Remote vpc interface
remote-vpc-if-state	(Optional) Remote vpc interface state
db-state	(Optional) XC state
d-db-state	(Optional) XC state
last-state-change-ts	(Optional) Last state change timestamp
peer-ip	(Optional) Peer ip
d-peer-ip	(Optional) Peer ip
peer-name	(Optional) Peer name
end-row	(Optional) end row
d-end-row	(Optional) end row
legend	(Optional) legend
dbdump	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

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>] [__readonly__ { TABLE_intf_usage <svr_intf> <ext_intf> }]

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
if0	(Optional)
__readonly__	(Optional) Read Only
TABLE_intf_usage	(Optional) External Interfaces Usage Table
svr_intf	(Optional) Server Interface
ext_intf	(Optional) External Interface

Command Mode

- /exec

show npv flogi-table

show npv flogi-table [{ interface <if0> | vsan <i0> }] [__readonly__ [[TABLE_flogi <svr_intf> <vsan_id> <fcid> <pwwn> <ext_intf> <nwwn>] [<flogi_count>]]]

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
if0	(Optional)
vsan	(Optional) Show information about FLOGI sessions for a VSAN
i0	(Optional)
__readonly__	(Optional) Read Only
TABLE_flogi	(Optional) FLOGI Table
svr_intf	(Optional) Server Interface
vsan_id	(Optional) VSAN ID
fcid	(Optional) FLOGI FCID
pwwn	(Optional) The PWWN
ext_intf	(Optional) External Interface
nwwn	(Optional) The NWWN
flogi_count	(Optional) Total FLOGI Count

Command Mode

- /exec

show npv status

show npv status [vsan <i0>] [__readonly__ [[<npiv_status>] [<load_balance>] [{ TABLE_extintf <ext_intf> [<ext_vsan>] [<ext_fcid>] <ext_state> [{ TABLE_vsan <vsan_vsan> <vsan_state> [<vsan_fcid>] }] }] <ext_intf_count> [{ TABLE_svrintf <svr_intf> <svr_vsan> <svr_state> }] <svr_intf_count>]]

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
i0	(Optional)
__readonly__	(Optional) Read Only
npiv_status	(Optional) NPIV enable/disable status
load_balance	(Optional) disruptive load balance status
TABLE_extintf	(Optional) External Interfaces Table
ext_intf	(Optional) External Interface
ext_vsan	(Optional) External Interface VSAN
ext_fcid	(Optional) External Interface FCID
ext_state	(Optional) External Interface State
TABLE_vsan	(Optional) External Interfaces VSAN Table
vsan_vsan	(Optional) External Interface VSAN
vsan_state	(Optional) VSAN State
vsan_fcid	(Optional) VSAN FCID
ext_intf_count	(Optional) External Interface count
TABLE_svrintf	(Optional) Server Interfaces Table
svr_intf	(Optional) Server Interface
svr_vsan	(Optional) Server Interface VSAN
svr_state	(Optional) Server Interface State
svr_intf_count	(Optional) Server Interface count

Command Mode

- /exec

show npv traffic-map

show npv traffic-map [server-interface <if0>] [__readonly__ [{ TABLE_traffic_map <svr_intf> <ext_intf> }]]

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
if0	(Optional)
__readonly__	(Optional) Read Only
TABLE_traffic_map	(Optional) Traffic Map Table
svr_intf	(Optional) Server Interface
ext_intf	(Optional) External Interface

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__ [{ TABLE_sourceip <sourceip> }]]

Syntax Description

show	Show running system information
ntp	Show NTP information
source	Source IP address configured
__readonly__	(Optional)
TABLE_sourceip	(Optional) source ip table
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 adjacency mpls

show nve adjacency mpls [__readonly__ TABLE_nve_mpls_adj [{ <peer-ip> | <peer-ipv6> } <evi> <label-sr> <learn-mask> <pending-state> <adj-state>]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
adjacency	Downstream Adjacencies
mpls	Segment routing
__readonly__	(Optional)
TABLE_nve_mpls_adj	(Optional) xml schema for sr nve parameters
peer-ip	(Optional) Peer IP address v4
evi	(Optional) EVI value
label-sr	(Optional) SR Label
learn-mask	(Optional) Learn mask for the peer
pending-state	(Optional) Peer adjacency pending state
adj-state	(Optional) Peer adjacency state

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> [{ [<sh-esi>] <po-state> <nve-if-name> <nve-state> <host-reach-mode> <active-vlans> <df-vlans> <active-vnis> <df-bds> <df-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> <tag> <type> }] }]]

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
df-bds	(Optional) DF-bds on ES
df-vnis	(Optional) DF-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
sh-esi	(Optional) Split-horizon ESI
tag	(Optional) tag associated with ESI
type	(Optional) ES type

Command Mode

- /exec

show nve evi

show nve evi [__readonly__ TABLE_nve_evi [<evi> <sw-bd> <label-sr> <oper-state> <evi-state>]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
evi	Ethernet Virtual Identifier
__readonly__	(Optional)
TABLE_nve_evi	(Optional) xml schema for nve evis
evi	(Optional) EVI value
sw-bd	(Optional) VLAN information
label-sr	(Optional) SR Label
oper-state	(Optional) EVI up or down
evi-state	(Optional) EVI state

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> | <primary-ipv6> } [<secondary-ip> | <secondary-ipv6>] [{ <anycast-if> } { <anycast-ip> | <anycast-ipv6> }] [{ <src-if-state> [<anyc-if-state>] <adv-vmac> <nve-flags> <nve-if-handle> <src-if-holddown-tm> <src-if-holdup-tm> <src-if-holddown-left> <vpc-compat-check> <vip-rmac> [<vip-rmac-ro>] <sm-state> [<es-delay-restore-time> <es-delay-restore-time-left>] <fabric-convergence-time> <fabric-convergence-time-left> [<multisite-convergence-time> <multisite-convergence-time-left> <dci-advertise-pip>] [<multisite-bgw-if> <multisite-bgw-if-ip> <multisite-bgw-if-admin-state> <multisite-bgw-if-oper-state> <multisite-bgw-if-oper-state-down-reason>] }] }]]

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
vpc-capability	(Optional) vpc capability
local-rmac	(Optional) local router mac
host-reach-mode	(Optional) host reach mode
source-if	(Optional) source-interface
primary-ip	(Optional) primary-ip
secondary-ip	(Optional) secondary-ip
anycast-if	(Optional) anycast-interface
anycast-ip	(Optional) anycast-ip
src-if-state	(Optional) source-interface state
anyc-if-state	(Optional) anycast-interface state

adv-vmac	(Optional) advertise virtual rmac
nve-flags	(Optional) nve-flags
nve-if-handle	(Optional) interface handle
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
vpc-compat-check	(Optional) vpc-compat-check
vip-rmac	(Optional) Generated VIP MAC
vip-rmac-ro	(Optional) Generated VIP MAC Re-origination
sm-state	(Optional) sm state
es-delay-restore-time	(Optional) es delay restore time
es-delay-restore-time-left	(Optional) es delay restore time left
fabric-convergence-time	(Optional) fabric convergence time
fabric-convergence-time-left	(Optional) fabric convergence time left
multisite-convergence-time	(Optional) multisite convergence time
multisite-convergence-time-left	(Optional) multisite convergence time left
multisite-bgw-if	(Optional) multisite border gateway interface
multisite-bgw-if-ip	(Optional) multisite if ip
multisite-bgw-if-admin-state	(Optional) multisite if admin state
multisite-bgw-if-oper-state	(Optional) multisite if oper state
multisite-bgw-if-oper-state-down-reason	(Optional) multisite if oper state down reason
dci-advertise-pip	(Optional) dci-advertise-pip

Command Mode

- /exec

show nve mpls

show nve mpls [__readonly__ [TABLE_nve_mpls { <source-if> { <primary-ip> | <primary-ipv6> } { <secondary-ip> | <secondary-ipv6> } <sm-state> [<down-reason>] }]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
mpls	Segment routing
__readonly__	(Optional)
TABLE_nve_mpls	(Optional) xml schema for sr nve parameters
source-if	(Optional) source-interface
primary-ip	(Optional) primary-ip
secondary-ip	(Optional) secondary-ip
sm-state	(Optional) sm state
down-reason	(Optional) down reason

Command Mode

- /exec

show nve multisite dci-links

show nve multisite dci-links [__readonly__ [TABLE_multisite_dci_link <if-name> [{ <if-state> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
multisite	multisite
dci-links	dci-links
__readonly__	(Optional)
TABLE_multisite_dci_link	(Optional) xml schema for show nve multisite dci-links
if-name	(Optional) dci-link interface name
if-state	(Optional) dci-link interface oper state

Command Mode

- /exec

show nve multisite fabric-links

show nve multisite fabric-links [__readonly__ [TABLE_multisite_fabric_link <if-name> [{ <if-state> }]]]

Syntax Description

show	Display NVE information
nve	Configure NVE information
multisite	multisite
fabric-links	fabric-links
__readonly__	(Optional)
TABLE_multisite_fabric_link	(Optional) xml schema for show nve multisite fabric-links
if-name	(Optional) fabric-link interface name
if-state	(Optional) fabric-link interface oper state

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]] [__readonly__ TABLE_nve_peers [[<detail>] [<control-plane-vni>] [<if-name>] { <peer-ip> | <peer-ipv6> } [<peer-state>] [<learn-type>] [<uptime>] [<router-mac>] [{ <first-vni> <create-ts> <config-vnis> <provision-state> <cp-vni> <vni-assignment-mode> <dci-fabric-location> [<stale-timer>] }] [{ <vni> <learn-src> <learn-src-mask> <vni-gw-mac> <peer-type> <egress-vni> <sw-bd> <irb> <state> }]]]

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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
detail	(Optional) detail
control-plane-vni	(Optional) control-plane-vni
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
router-mac	(Optional) router-mac
first-vni	(Optional) first-vni
create-ts	(Optional) create-timestamp
config-vnis	(Optional) config-vnis
provision-state	(Optional) provision-state
cp-vni	(Optional) cp-vni
vni-assignment-mode	(Optional) vni assignment mode
dci-fabric-location	(Optional) dci-fabric-location
stale-timer	(Optional) stale-timer
vni	(Optional) vni value
learn-src	(Optional) learn source
learn-src-mask	(Optional) learn source mask
vni-gw-mac	(Optional) vni gateway mac
peer-type	(Optional) peer location wan/fabric
egress-vni	(Optional) egress-vni value
sw-bd	(Optional) SW BD value
irb	(Optional) IRB state
state	(Optional) State machine state

Command Mode

- /exec

show nve peers interface counters

show nve peers { <addr> | <addr-v6> } interface <nve-if> counters [__readonly__ { <peer-ip> | <peer-ipv6> } <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
counters	Counters
interface	Interface
nve-if	NVE 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 mpls

show nve peers mpls [peer-ip { <user-peer-ip> | <user-peer-ipv6> }] [detail] [__readonly__ TABLE_nve_mpls_peers [[<detail>] { <peer-ip> | <peer-ipv6> } [<peer-state>] [<uptime>] [<create-ts>] [<provision-state>]]]

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
user-peer-ip	(Optional) Remote Peer IP address
__readonly__	(Optional)
detail	(Optional) detail
TABLE_nve_mpls_peers	(Optional) schema peer
peer-ip	(Optional) peer-ip
peer-state	(Optional) peer-state
uptime	(Optional) uptime
create-ts	(Optional) create-timestamp
provision-state	(Optional) provision-state

Command Mode

- /exec

show nve peers vni interface counters

show nve peers { { <addr> | <addr-v6> } | all } vni { <vni-id> | all } interface <nve-if> counters [__readonly__ TABLE_nve_peer_vni_counters { <peer-ip> | <peer-ipv6> } <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
counters	Counters
interface	Interface
nve-if	NVE 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> | all } [detail] } | control-plane | data-plane | summary | controller] [__readonly__ [TABLE_nve_vni [[<detail>] [<if-name> <vni> <mcast> <vni-state> <mode> <type> <flags> <dci-mcast> [{ <prvsn-state> <vlan-bd> [<svi-state>] [<vni-intf-state>] <vpc-compat-check> }]]] [[<summary>] <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
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
__readonly__	(Optional)
TABLE_nve_vni	(Optional) vni schema
detail	(Optional) detail
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
dci-mcast	(Optional) dci-mcast

prvsn-state	(Optional) provision-state
vlan-bd	(Optional) vlan-bd
svi-state	(Optional) svi-state
vni-intf-state	(Optional) vni-intf-state
vpc-compat-check	(Optional) vpc-compat-check
summary	(Optional) summary
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> | all } 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
all	Show counters for all vnis
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> | <repl-ipv6> } <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__ <nxapi_status> <timeout> <cmdtimeout> [<trustpoint>] [configuration_error <c_error>] [<http_port>] [<https_port> <ssl_issuer> <ssl_enddate>]]

Syntax Description

show	Show running system information
nxapi	Show nxapi status
__readonly__	(Optional)
nxapi_status	(Optional) NX-API enabled status
timeout	(Optional) Time in minutes until session expires
cmdtimeout	(Optional) Time in seconds until command times out
trustpoint	(Optional) Trustpoint label name
configuration_error	(Optional) config syntax error
c_error	(Optional) confg syntax error
http_port	(Optional) Configured HTTP port
https_port	(Optional) Configured HTTPS port
ssl_issuer	(Optional) Issuer information for current certificate
ssl_enddate	(Optional) Expiration date of current certificate

Command Mode

- /exec