# Support Commands

# support show arp

To display the ARP table, use the **support show arp** command in privileged EXEC mode.

**support show arp**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show arp
IP address HW type Flags HW address Mask Device
203.0.113.1 0x1 0x2 00:25:b4:47:44:00 * wan-br
203.0.113.1 0x1 0x2 3c:ce:73:da:60:00 * wan-br
203.0.113.1 0x1 0x2 00:00:0c:9f:f0:15 * wan-br
```

# support show bgp

To display the BGP session details, use the **support show bgp** command in privileged EXEC mode.

**support show bgp**

**Command Default**

Information about BGP session details is displayed.

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 4.5.1 | This command was introduced. |

### Example

The following is a sample output of the **support show bgp** command:

```
nfvis# support show bgp

BIRD 1.6.8 ready.
name     proto    table    state  since       info
bgp_bgp_neighbor BGP      bgp_table_bgp_neighbor up     22:35:37    Established
  Preference:     100
  Input filter:   ACCEPT
  Output filter:  ACCEPT
  Import limit:   15
    Action:       disable
  Routes:         2 imported, 1 exported, 4 preferred
  Route change stats:     received   rejected   filtered    ignored   accepted
    Import updates:              2          0          0          0          2
    Import withdraws:            0          0        ---          0          0
    Export updates:              3          2          0        ---          1
    Export withdraws:            0        ---        ---        ---          0
  BGP state:          Established
    Neighbor address: 90.90.90.1
    Neighbor AS:      65000
    Neighbor ID:      90.90.90.1
    Neighbor caps:    refresh enhanced-refresh AS4
    Session:          external multihop AS4
    Source address:   90.90.90.8
    Route limit:      2/15
    Hold timer:       173/240
    Keepalive timer:  39/80
```

# support show bgp route

To display the BGP routes learnt through BGP, use the **support show bgp route** command in privileged EXEC mode.

**support show bgp route**

**Command Default** Information about the BGP routes learnt through BGP is displayed.

**Command Modes** Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 4.5.1 | This command was introduced. |

### Example

The following is a sample output of the **support show bgp route** command:

```
nfvis# support show bgp route

BIRD 1.6.8 ready.
91.91.91.0/24      dev ipsec0 [bgp_bgp_neighbor 22:35:37 from 90.90.90.1] (100) [AS65000?]
     Type: BGP unicast univ
     BGP.origin: Incomplete
     BGP.as_path: 65000
     BGP.next_hop: 90.90.90.1
     BGP.med: 0
     BGP.local_pref: 100
92.92.92.0/24      dev ipsec0 [bgp_bgp_neighbor 22:35:37 from 90.90.90.1] (100) [AS65000?]
     Type: BGP unicast univ
     BGP.origin: Incomplete
     BGP.as_path: 65000
     BGP.next_hop: 90.90.90.1
     BGP.med: 0
     BGP.local_pref: 100
nfvis#
```

# support show config-drive

To display the VM Day-0 configuration file listing, use the **support show config-drive** command in privileged EXEC mode.

**support show config-drive** *domain*

**Syntax Description**

| | |
|---|---|
| *domain* | Specifies the domain ID or name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show config-drive 12
-rw-r--r--. 1 qemu qemu 393216 Dec  1 00:25
/cisco/esc/esc_database/nodejs/VM/4e802bd4-c6e4-4c7b-a163-787927324967/
4e802bd4-c6e4-4c7b-a163-787927324967-hdd.config
```

# show cellular

To display the LTE PIM module's information, use the **show cellular** command in privileged EXEC mode.

**show cellular**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 4.4.1 | This command was introduced. |

### Example

```
nfvis# show cellular
cellular 1/0
 details IPv4 address =     192.168.100.101
 details Default Gateway Address =  192.168.100.102
 details Interface subnet mask =  255.255.255.252
 details Interface name =   int-CELL-1-0
 details Interface Status =  up
 details DNS IP Address =   198.224.173.135
 details Modem Status =     Call_Connected
 hardware Modem Firmware Version =
SWI9X30C_02.33.03.00
 hardware Device Model ID =                                                EM7455
 hardware International Mobile Subscriber Identity(IMSI) =                 311480148702353
 hardware International Mobile Equipment Identity (IMEI) =                 356129070591075
 hardware Integrated Circuit Card ID (ICCID) =
89148000001470156497
 hardware Mobile Subscriber Intergrated Services Digital Network Number (MSISDN) =  4085550087

 hardware Factory Serial Number (FSN) =                                    LF911203620410
 hardware Current Modem Temperature =                                      37 deg C
 hardware PRI SKU ID =                                                     1102526
 hardware PRI Version =                                                    002.079_001
 hardware Carrier =                                                        VERIZON
 hardware OEM PRI Version =                                                000.016
 hardware Modem Status =                                                   Modem Online
 network Current System Time =     2020/11/15/23/35/12
 network Network Selection Mode =  AUTO
 network Current Service Status =  Packet switched
 network Mobile Country Code(MCC) =  311
 network Mobile Network Code(MNC) =  480
 network Current Roaming Status =  HOME
 network Network =                 Verizon
 network Packet Switch domain(PS) state =  Attached
 network EMM State =               Registered
 network EMM Sub state =           Normal-Service
 network EMM Connection State =    2
 network Tracking Area Code (TAC) =  7936
 network Cell ID =                 7962134
```

```
 network Network MTU =             1428
 radio-details Radio Power Mode =           online
 radio-details Radio Access Technology(RAT) Preference =  AUTO
 radio-details Radio Access Technology(RAT) Selected =  LTE
 radio-details LTE RX Channel Number =      2075
 radio-details LTE TX Channel Number =      20075
 radio-details LTE Band =                   4
 radio-details LTE Bandwidth =              15 MHz
 radio-details Current RSSI =               -73 dBm
 radio-details Current RSRP =               -103 dBm
 radio-details Current RSRQ =               -10 dB
 radio-details Current SNR =                5 dB
 radio-details PCI =                        169
Profile 3, Packet Session Status = ACTIVE
Call end mode = None
Session disconnect reason type = None(0)
Session disconnect reason = None(0)
PDN 0
Back off timer is NOT running
Back off error count = 0
Back off timer index = 0
Back off timer array (in minutes) = 0 1 1 1 5 10 15 30 60
Cellular interface back-off is not enforced
Period of back-off = 0 minute(s)
 profile-details 1
  PDP-Type       IPv4v6
  APN-Name       ims
  state          INACTIVE
  PDP-Address    0.0.0.0
  Authentication None
  Username
  Password
 profile-details 2
  PDP-Type       IPv4v6
  APN-Name       vzwadmin
  state          INACTIVE
  PDP-Address    0.0.0.0
  Authentication None
  Username
  Password
 profile-details 3
  PDP-Type       IPv4v6
  APN-Name       we01.VZWSTATIC
  state          ACTIVE
  PDP-Address    192.168.100.101
  Authentication None
  Username
  Password
 profile-details 4
  PDP-Type       IPv4v6
  APN-Name       vzwapp
  state          INACTIVE
  PDP-Address    0.0.0.0
  Authentication None
  Username
  Password
 profile-details 5
  PDP-Type       IPv4v6
  APN-Name       vzw800
  state          INACTIVE
  PDP-Address    0.0.0.0
  Authentication None
  Username
  Password
```

```
 profile-details 6
  PDP-Type       IPv4v6
  APN-Name       vzwclass6
  state          INACTIVE
  PDP-Address    0.0.0.0
  Authentication None
  Username
  Password
 status Firmware Upgrade Status =  "Not Initiated"
 status DM Logging Status =  Stopped
SIM
ID   SIM STATUS
-------------------
0    OK
1    Not inserted
```

# show cellular 1/0

To display cellular information, use the **show cellular 1/0** command in privileged EXEC mode.

**show cellular 1/0**

## Syntax Description

| | |
|---|---|
| **connection** | Displays cellular connection information. |
| **details** | Displays cellular basic information. |
| **hardware** | Displays cellular hardware information. |
| **network** | Displays cellular network information. |
| **profile-details** | Displays cellular profile details. |
| **radio-details** | Displays cellular radio details. |
| **status** | Displays cellular status details. |

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 4.4.1 | This command was introduced. |

### Example

The following examples shows the individual cellular information using the **show cellular 1/0** command.

The command **show cellular 1/0 connection** is used to display the status and details of the cellular connection on a specific interface.

```
nfvis# show cellular 1/0 connection
Profile 3, Packet Session Status = ACTIVE
Call end mode = None
Session disconnect reason type = None(0)
Session disconnect reason = None(0)
PDN 0
Back off timer is NOT running
Back off error count = 0
Back off timer index = 0
Back off timer array (in minutes) = 0 1 1 1 5 10 15 30 60
Cellular interface back-off is not enforced
Period of back-off = 0 minute(s)
```

The command **show cellular 1/0 details** is used to provide detailed information about the cellular interface 1/0.

```
nfvis# show cellular 1/0 details
details IPv4 address =     192.168.100.101
```

```
details Default Gateway Address =  192.168.100.102
details Interface subnet mask =  255.255.255.252
details Interface name =   int-CELL-1-0
details Interface Status =  up
details DNS IP Address =   198.224.173.135
details Modem Status =     Call_Connected
```

The command **show cellular 1/0 hardware** provides detailed hardware information for the cellular interface 1/0 on a Cisco IOS XE Catalyst SD-WAN device.

```
nfvis# show cellular 1/0 hardware
hardware Modem Firmware Version =                                          SWI9X30C_02.33.03.00
hardware Device Model ID =                                                     EM7455
hardware International Mobile Subscriber Identity(IMSI) =                      311480148702353
hardware International Mobile Equipment Identity (IMEI) =                      356129070591075
hardware Integrated Circuit Card ID (ICCID) =                                 89148000001470156497
hardware Mobile Subscriber Intergrated Services Digital Network Number (MSISDN) =  4085550087
hardware Factory Serial Number (FSN) =                                         LF911203620410
hardware Current Modem Temperature =                                           37 deg C
hardware PRI SKU ID =                                                          1102526
hardware PRI Version =                                                         002.079_001
hardware Carrier =                                                             VERIZON
hardware OEM PRI Version =                                                     000.016
hardware Modem Status =                                                        Modem Online
```

The command **show cellular 1/0 network** provides detailed network information for the cellular interface 1/0 on a Cisco IOS XE Catalyst SD-WAN device.

```
nfvis# show cellular 1/0 network
C8200-NFVIS# show cellular 1/0 network
network Current System Time =     2020/11/15/23/39/52
network Network Selection Mode =  AUTO
network Current Service Status =  Packet switched
network Mobile Country Code(MCC) =  311
network Mobile Network Code(MNC) =  480
network Current Roaming Status =  HOME
network Network =                 Verizon
network Packet Switch domain(PS) state =  Attached
network EMM State =               Registered
network EMM Sub state =           Normal-Service
network EMM Connection State =    2
network Tracking Area Code (TAC) =  7936
network Cell ID =                 7962134
network Network MTU =             1428
```

The command **show cellular 1/0 profile-details** provides detailed information about the profiles configured on the cellular interface 1/0 of a Cisco IOS XE Catalyst SD-WAN device.

```
nfvis# show cellular 1/0 profile-details
profile-details 1
 PDP-Type       IPv4v6
 APN-Name       ims
 state          INACTIVE
 PDP-Address    0.0.0.0
 Authentication None
 Username
 Password
profile-details 2
 PDP-Type       IPv4v6
 APN-Name       vzwadmin
 state          INACTIVE
 PDP-Address    0.0.0.0
 Authentication None
 Username
 Password
```

```
profile-details 3
 PDP-Type       IPv4v6
 APN-Name       we01.VZWSTATIC
 state          ACTIVE
 PDP-Address    192.168.100.101
 Authentication None
 Username
 Password
profile-details 4
 PDP-Type       IPv4v6
 APN-Name       vzwapp
 state          INACTIVE
 PDP-Address    0.0.0.0
 Authentication None
 Username
 Password
profile-details 5
 PDP-Type       IPv4v6
 APN-Name       vzw800
 state          INACTIVE
 PDP-Address    0.0.0.0
 Authentication None
 Username
 Password
profile-details 6
 PDP-Type       IPv4v6
 APN-Name       vzwclass6
 state          INACTIVE
 PDP-Address    0.0.0.0
 Authentication None
 Username
 Password
```

The command **show cellular 1/0 radio-details** provides information about the radio parameters and current signal status for the cellular interface 1/0 on a Cisco IOS XE Catalyst SD-WAN device.

```
nfvis# show cellular 1/0 radio-details
radio-details Radio Power Mode =           online
radio-details Radio Access Technology(RAT) Preference =  AUTO
radio-details Radio Access Technology(RAT) Selected =  LTE
radio-details LTE RX Channel Number =      2075
radio-details LTE TX Channel Number =      20075
radio-details LTE Band =                   4
radio-details LTE Bandwidth =              15 MHz
radio-details Current RSSI =               -72 dBm
radio-details Current RSRP =               -103 dBm
radio-details Current RSRQ =               -17 dB
radio-details Current SNR =                7 dB
radio-details PCI =                        169
```

The command **show cellular 1/0 status** provides an overview of the status for the cellular interface 1/0 on a Cisco IOS XE Catalyst SD-WAN device.

```
nfvis# show cellular 1/0 status
status Firmware Upgrade Status =  "Not Initiated"
status DM Logging Status =  Stopped
SIM
ID   SIM STATUS
-------------------
0    OK
1    Not inserted
```

# support show config-drive content

To display the brief content of VM Day-0 configuration file, use the **support show config-drive content** command in privileged EXEC mode.

**support show config-drive content** *domain*

**Syntax Description**

| | |
|---|---|
| *domain* | Specifies the domain ID or name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show config-drive content 12
<version text="1"/> <hypervisor text="nfvis"/> <guest text="TEST"/> <gateway addr="10.1.1.1"/>

<mgmt-intf text="Virtual2"/>
<data-intf text="SHARED"/> <localip addr="10.1.1.1" mask="10.1.1.1"/> <int-intf
text="Virtual1"/>
<intip addr="10.20.0.3" mask="255.255.255.0"/> <cm addr="10.1.1.1"/> <ntp addr="10.1.1.1"/>
 </bootstrap>
 vWAAS-6000R <bootstrap> <version text="1"/> <hypervisor text="nfvis"/> <guest text="TEST"/>
 <gateway addr="10.1.1.1"/>
<mgmt-intf text="Virtual2"/> <data-intf text="SHARED"/> <localip addr="10.1.1.1"
mask="10.1.1.1"/>
<int-intf text="Virtual1"/> <intip addr="10.20.0.3" mask="255.255.255.0"/>
<cm addr="10.1.1.1"/> <ntp addr="10.1.1.1"/> </bootstrap>
vWAAS-6000R
{"files":[{"path":"bootstrap-cfg.xml","content_path":"/content/0000"},{"path":"model.txt","content_path":
"/content/0001"}]}
```

# support show cpuinfo

To display CPU information, use the **support show cpuinfo** command in privileged EXEC mode.

**support show cpuinfo**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show cpuinfo
processor : 0
vendor_id : GenuineIntel
cpu family : 6
model : 79
model name : Intel(R) Xeon(R) CPU E5-2630 v4 @ 2.20GHz
stepping : 1
microcode : 0xb00001f
cpu MHz : 1265.859
cache size : 25600 KB
physical id : 0
siblings : 20
core id : 0
cpu cores : 10
apicid : 0
initial apicid : 0
fpu : yes
fpu_exception : yes
cpuid level : 20
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts
 acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
 pebs bts rep_good nopl xtopology nonstop_tsc aperfmperf eagerfpu pni pclmulqdq dtes64
monitor ds_cpl vmx smx est tm2 ssse3 fma cx16 xtpr pdcm pcid dca sse4_1 sse4_2 x2apic movbe
 popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch ida arat epb
 pln pts dtherm intel_pt tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust bmi1 hle
 avx2 smep bmi2 erms invpcid rtm cqm rdseed adx smap xsaveopt cqm_llc cqm_occup_llc
cqm_mbm_total cqm_mbm_local
bogomips : 4389.33
clflush size : 64
cache_alignment : 64
address sizes : 46 bits physical, 48 bits virtual
power management:
...
```

# support show date-time

To display the date and time information, use the **support show date-time** command in privileged EXEC mode.

**support show date-time**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show date-time
Thu Nov 16 10:50:52 UTC 2017
```

# support show df

To display the amount of disk space used and available, use the **support show df** command in privileged EXEC mode.

**support show df**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show df
Filesystem Type 1024-blocks Used Available Capacity Mounted on
/dev/mapper/vg_nfv-lv_root ext4 8125880 1755256 5934812 23% /
devtmpfs devtmpfs 65863696 0 65863696 0% /dev
tmpfs tmpfs 65874332 12 65874320 1% /dev/shm
tmpfs tmpfs 65874332 1224 65873108 1% /run
tmpfs tmpfs 65874332 0 65874332 0% /sys/fs/cgroup
/dev/sda2 ext4 739536 112860 572916 17% /boot
/dev/mapper/vg_nfv-lv_var ext4 3997376 137112 3634168 4% /var
/dev/mapper/vg_nfv-lv_data ext4 2311085988 4765488 2305792116 1% /data
tmpfs tmpfs 13174868 0 13174868 0% /run/user/0
```

# support show domainname

To display the information about domain name, use the **support show domainname** command in privileged EXEC mode.

**support show domainname**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show domainname
```

# support show dmidecode

To display the system hardware information, use the **support show dmidecode** command in privileged EXEC mode.

**support show dmidecode**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show dmidecode
# dmidecode 3.0
Scanning /dev/mem for entry point.
SMBIOS 3.0.0 present.
Handle 0x0001, DMI type 1, 27 bytes
System Information
Manufacturer: Cisco Systems Inc
Product Name: UCSC-C220-M4S
Version: A0
Serial Number: FCH2110V0DX
UUID: EB7C9CE9-9DF9-3142-898B-C84A16B10706
Wake-up Type: Power Switch
SKU Number: Not Specified
Family: Not Specified
Handle 0x0002, DMI type 2, 15 bytes
Base Board Information
Manufacturer: Cisco Systems Inc
Product Name: UCSC-C220-M4S
Version: 74-12419-02
Serial Number: FCH2108JLC4
Asset Tag: Unknown
Features:
Board is a hosting board
Board is replaceable
Location In Chassis: Not Specified
Chassis Handle: 0x0003
Type: Server Blade
Contained Object Handles: 0
Handle 0x0003, DMI type 3, 25 bytes
Chassis Information
Manufacturer: Cisco Systems Inc
Type: Rack Mount Chassis
Lock: Not Present
Version: 74-12502-02
Serial Number: FCH2110V0DX
Asset Tag: Unknown
Boot-up State: Safe
```

```
Power Supply State: Safe
Thermal State: Safe
Security Status: None
OEM Information: 0x00018755
Height: 1 U
Number Of Power Cords: 1
Contained Elements: 1
```

# support show ethtool

To display the standard information about a device, use the **support show ethtool** command in privileged EXEC mode.

**support show ethtool** *devicename*

**Syntax Description**

| | |
|---|---|
| *devicename* | Specifies the name of the device. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show ethtool eth1
nfvis# support show ethtool eth1
Driver information for device eth1
driver: igb
version: 5.3.0-k
firmware-version: 1.63, 0x80000b15, 0.384.130
expansion-rom-version:
bus-info: 0000:01:00.1
supports-statistics: yes
supports-test: yes
supports-eeprom-access: yes
supports-register-dump: yes
supports-priv-flags: no

Features for eth1:
rx-checksumming: on
tx-checksumming: on
 tx-checksum-ipv4: off [fixed]
 tx-checksum-ip-generic: on
 tx-checksum-ipv6: off [fixed]
 tx-checksum-fcoe-crc: off [fixed]
 tx-checksum-sctp: on
scatter-gather: on
 tx-scatter-gather: on
 tx-scatter-gather-fraglist: off [fixed]
tcp-segmentation-offload: on
 tx-tcp-segmentation: on
 tx-tcp-ecn-segmentation: off [fixed]
 tx-tcp6-segmentation: on
udp-fragmentation-offload: off [fixed]
generic-segmentation-offload: on
generic-receive-offload: on
large-receive-offload: off [fixed]
rx-vlan-offload: on
tx-vlan-offload: on
ntuple-filters: off
receive-hashing: on
```

```
highdma: on [fixed]
rx-vlan-filter: on [fixed]
vlan-challenged: off [fixed]
tx-lockless: off [fixed]
netns-local: off [fixed]
tx-gso-robust: off [fixed]
tx-fcoe-segmentation: off [fixed]
tx-gre-segmentation: off [fixed]
tx-ipip-segmentation: off [fixed]
tx-sit-segmentation: off [fixed]
tx-udp_tnl-segmentation: off [fixed]
tx-mpls-segmentation: off [fixed]
fcoe-mtu: off [fixed]
tx-nocache-copy: off
loopback: off [fixed]
rx-fcs: off [fixed]
rx-all: off
tx-vlan-stag-hw-insert: off [fixed]
rx-vlan-stag-hw-parse: off [fixed]
rx-vlan-stag-filter: off [fixed]
busy-poll: off [fixed]
tx-sctp-segmentation: off [fixed]
l2-fwd-offload: off [fixed]
hw-tc-offload: off [fixed]
Permanent address: 70:db:98:70:2f:6f
Pause parameters for eth1:
Autonegotiate: on
RX:  off
TX:  off


NIC statistics:
     rx_packets: 0
     tx_packets: 0
     rx_bytes: 0
     tx_bytes: 0
     rx_broadcast: 0
     tx_broadcast: 0
     rx_multicast: 0
     tx_multicast: 0
     multicast: 0
     collisions: 0
     rx_crc_errors: 0
     rx_no_buffer_count: 0
     rx_missed_errors: 0
     tx_aborted_errors: 0
     tx_carrier_errors: 0
     tx_window_errors: 0
     tx_abort_late_coll: 0
     tx_deferred_ok: 0
     tx_single_coll_ok: 0
     tx_multi_coll_ok: 0
     tx_timeout_count: 0
     rx_long_length_errors: 0
     rx_short_length_errors: 0
     rx_align_errors: 0
     tx_tcp_seg_good: 0
     tx_tcp_seg_failed: 0
     rx_flow_control_xon: 0
     rx_flow_control_xoff: 0
     tx_flow_control_xon: 0
     tx_flow_control_xoff: 0
     rx_long_byte_count: 0
     tx_dma_out_of_sync: 0
```

```
tx_smbus: 0
rx_smbus: 0
dropped_smbus: 0
os2bmc_rx_by_bmc: 0
os2bmc_tx_by_bmc: 0
os2bmc_tx_by_host: 0
os2bmc_rx_by_host: 0
tx_hwtstamp_timeouts: 0
rx_hwtstamp_cleared: 0
rx_errors: 0
tx_errors: 0
tx_dropped: 0
rx_length_errors: 0
rx_over_errors: 0
rx_frame_errors: 0
rx_fifo_errors: 0
tx_fifo_errors: 0
tx_heartbeat_errors: 0
tx_queue_0_packets: 0
tx_queue_0_bytes: 0
tx_queue_0_restart: 0
tx_queue_1_packets: 0
tx_queue_1_bytes: 0
tx_queue_1_restart: 0
tx_queue_2_packets: 0
tx_queue_2_bytes: 0
tx_queue_2_restart: 0
tx_queue_3_packets: 0
tx_queue_3_bytes: 0
tx_queue_3_restart: 0
tx_queue_4_packets: 0
tx_queue_4_bytes: 0
tx_queue_4_restart: 0
tx_queue_5_packets: 0
tx_queue_5_bytes: 0
tx_queue_5_restart: 0
tx_queue_6_packets: 0
tx_queue_6_bytes: 0
tx_queue_6_restart: 0
tx_queue_7_packets: 0
tx_queue_7_bytes: 0
tx_queue_7_restart: 0
rx_queue_0_packets: 0
rx_queue_0_bytes: 0
rx_queue_0_drops: 0
rx_queue_0_csum_err: 0
rx_queue_0_alloc_failed: 0
rx_queue_1_packets: 0
rx_queue_1_bytes: 0
rx_queue_1_drops: 0
rx_queue_1_csum_err: 0
rx_queue_1_alloc_failed: 0
rx_queue_2_packets: 0
rx_queue_2_bytes: 0
rx_queue_2_drops: 0
rx_queue_2_csum_err: 0
rx_queue_2_alloc_failed: 0
rx_queue_3_packets: 0
rx_queue_3_bytes: 0
rx_queue_3_drops: 0
rx_queue_3_csum_err: 0
rx_queue_3_alloc_failed: 0
rx_queue_4_packets: 0
rx_queue_4_bytes: 0
```

```
     rx_queue_4_drops: 0
     rx_queue_4_csum_err: 0
     rx_queue_4_alloc_failed: 0
     rx_queue_5_packets: 0
     rx_queue_5_bytes: 0
     rx_queue_5_drops: 0
     rx_queue_5_csum_err: 0
     rx_queue_5_alloc_failed: 0
     rx_queue_6_packets: 0
     rx_queue_6_bytes: 0
     rx_queue_6_drops: 0
     rx_queue_6_csum_err: 0
     rx_queue_6_alloc_failed: 0
     rx_queue_7_packets: 0
     rx_queue_7_bytes: 0
     rx_queue_7_drops: 0
     rx_queue_7_csum_err: 0
     rx_queue_7_alloc_failed: 0

Coalesce parameters for eth1:
Adaptive RX: off  TX: off
stats-block-usecs: 0
sample-interval: 0
pkt-rate-low: 0
pkt-rate-high: 0

rx-usecs: 3
rx-frames: 0
rx-usecs-irq: 0
rx-frames-irq: 0

tx-usecs: 0
tx-frames: 0
tx-usecs-irq: 0
tx-frames-irq: 0

rx-usecs-low: 0
rx-frame-low: 0
tx-usecs-low: 0
tx-frame-low: 0

rx-usecs-high: 0
rx-frame-high: 0
tx-usecs-high: 0
tx-frame-high: 0

Ring parameters for eth1:
Pre-set maximums:
RX:  4096
RX Mini: 0
RX Jumbo: 0
TX:  4096
Current hardware settings:
RX:  256
RX Mini: 0
RX Jumbo: 0
TX:  256
```

# support show ifconfig

To display the configuration details of all network interfaces or a specific interface, use the **support show ifconfig** command in privileged EXEC mode.

**support show ifconfig** *interface*

**Syntax Description**

| | |
|---|---|
| *interface* | Specifies the interface name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show ifconfig wan-br
wan-br: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9000
inet 172.19.181.196 netmask 255.255.255.0 broadcast 172.19.181.255
inet6 fe80::72db:98ff:fe70:2f6e prefixlen 64 scopeid 0x20<link>
ether 70:db:98:70:2f:6e txqueuelen 1000 (Ethernet)
RX packets 3373533 bytes 5021452007 (4.6 GiB)
RX errors 0 dropped 3945 overruns 0 frame 0
TX packets 337841 bytes 30441490 (29.0 MiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

# support show iostat

To display the I/O statistics of block devices, use the **support show iostat** command in privileged EXEC mode.

**support show iostat**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show iostat
Major Minor Device Reads Reads Sectors Time (ms) Writes Writes Sectors Time (ms) IOs In
Time (ms) Weighted
Number Number Name Successful Merged Read Reading Completed Merged Written Writing Progress
 Doing IOs Time(ms) IOs
-------------------------------------------------------------------------------------------
8 0 sda 34721 8 938752 149830 2713238 302897 37631784 84086836 0 1098844 84236605
8 1 sda1 52 0 416 156 0 0 0 0 0 156 156
8 2 sda2 437 0 49322 629 7 1 64 0 0 469 628
8 3 sda3 34054 8 884766 148345 2713231 302896 37631720 84086836 0 1098524 84238309
253 0 dm-0 17693 0 564042 101847 66698 0 694744 74520 0 40719 176366
253 1 dm-1 218 0 4456 832 0 0 0 0 0 810 832
253 2 dm-2 15066 0 261514 42646 2911495 0 36585456 84848114 0 1056312 84891060
253 3 dm-3 1055 0 53730 4699 37951 0 351520 246240 0 20556 250939
```

# support show ipsec

To display the IPsec session details, use the **support show ipsec** command in privileged EXEC mode.

**support show ipsec**

**Command Default** Information about IPsec session details is displayed.

**Command Modes** Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 4.5.1 | This command was introduced. |

### Example

The following is a sample output of the **support show ipsec** command:

```
nfvis# support show ipsec

Status of IKE charon daemon (strongSwan 5.7.1, Linux 3.10.0-1062.4.1.el7.x86_64, x86_64):
  uptime: 13 minutes, since Mar 24 22:35:31 2021
  malloc: sbrk 2822144, mmap 0, used 630752, free 2191392
  worker threads: 11 of 16 idle, 5/0/0/0 working, job queue: 0/0/0/0, scheduled: 2
  loaded plugins: charon pkcs11 tpm aesni aes des rc2 sha2 sha1 md4 md5 mgf1 random nonce
x509 revocation constraints acert pubkey pkcs1 pkcs7 pkcs8 pkcs12 pgp dnskey sshkey pem
openssl gcrypt fips-prf gmp curve25519 chapoly xcbc cmac hmac ctr ccm gcm curl attr
kernel-netlink resolve socket-default stroke vici updown eap-identity eap-sim eap-aka
eap-aka-3gpp eap-aka-3gpp2 eap-md5 eap-gtc eap-mschapv2 eap-dynamic eap-radius eap-tls
eap-ttls eap-peap xauth-generic xauth-eap xauth-pam xauth-noauth dhcp led duplicheck unity
 counters
Listening IP addresses:
  192.168.1.1
  172.25.221.110
  192.168.50.1
  192.168.10.11
  169.254.1.1
Connections:
        test:  172.25.221.110...10.30.1.113  IKEv2
        test:   local:  [172.25.221.110] uses pre-shared key authentication
        test:   remote: [10.30.1.113] uses pre-shared key authentication
        test:   child:  0.0.0.0/0 === 0.0.0.0/0 TUNNEL
Security Associations (1 up, 0 connecting):
        test[1]: ESTABLISHED 13 minutes ago,
172.25.221.110[172.25.221.110]...10.30.1.113[10.30.1.113]
        test[1]: IKEv2 SPIs: 9371ee51ac1b436d_i* 52e341d1eb29f7bf_r, rekeying in 23 hours
        test[1]: IKE proposal: AES_CBC_256/HMAC_SHA2_512_256/PRF_HMAC_SHA2_512/MODP_2048
        test{1}:  INSTALLED, TUNNEL, reqid 1, ESP SPIs: c916a993_i 7bb99a5e_o
        test{1}:  AES_CBC_256/HMAC_SHA2_512_256, 8393 bytes_i (111 pkts, 1s ago), 8485
bytes_o (112 pkts, 1s ago), rekeying in 40 minutes
        test{1}:   0.0.0.0/0 === 0.0.0.0/0
```

# support show loadavg

To display the load average of CPU and IO over 1, 5, and 10 minute period, use the **support show loadavg** command in privileged EXEC mode.

**support show loadavg**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show loadavg
Avg CPU and IO Utilization (1m) : 0.40
Avg CPU and IO Utilization (5m) : 0.36
Avg CPU and IO Utilization (10m) : 0.33
Running/Total Num of Processes : 1/678
Last Proccess ID Used : 13411
```

# support show meminfo

To display the information about system's RAM usage, use the **support show meminfo** command in privileged EXEC mode.

**support show meminfo**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show meminfo
MemTotal: 131748668 kB
MemFree: 123779264 kB
MemAvailable: 128225916 kB
Buffers: 11800 kB
Cached: 4887312 kB
SwapCached: 0 kB
Active: 1842792 kB
Inactive: 4658692 kB
Active(anon): 1613936 kB
Inactive(anon): 13644 kB
Active(file): 228856 kB
Inactive(file): 4645048 kB
Unevictable: 184888 kB
Mlocked: 184888 kB
SwapTotal: 16777212 kB
SwapFree: 16777212 kB
Dirty: 5112 kB
Writeback: 0 kB
AnonPages: 1787960 kB
Mapped: 95852 kB
Shmem: 16156 kB
Slab: 240824 kB
SReclaimable: 172504 kB
SUnreclaim: 68320 kB
KernelStack: 11536 kB
PageTables: 22360 kB
NFS_Unstable: 0 kB
Bounce: 0 kB
WritebackTmp: 0 kB
CommitLimit: 82651544 kB
Committed_AS: 7245188 kB
VmallocTotal: 34359738367 kB
VmallocUsed: 507704 kB
VmallocChunk: 34291843068 kB
HardwareCorrupted: 0 kB
AnonHugePages: 1208320 kB
```

```
HugePages_Total: 0
HugePages_Free: 0
HugePages_Rsvd: 0
HugePages_Surp: 0
Hugepagesize: 2048 kB
DirectMap4k: 171680 kB
DirectMap2M: 7055360 kB
DirectMap1G: 128974848 kB
```

# support show netstattcp

To display the network connection and protocol statistics information for TCP, use the **support show netstattcp** command in privileged EXEC mode.

**support show netstattcp**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show netstattcp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address Foreign Address State
tcp 0 0 127.0.0.1:7878 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:199 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:2023 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:8008 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:5900 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:22222 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:111 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:80 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:4565 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:22 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:8888 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:443 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:830 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:8000 0.0.0.0:* LISTEN
tcp6 0 0 :::8001 :::* LISTEN
tcp6 0 0 127.0.0.1:8005 :::* LISTEN
tcp6 0 0 ::1:7878 :::* LISTEN
tcp6 0 0 :::8009 :::* LISTEN
tcp6 0 0 :::22222 :::* LISTEN
tcp6 0 0 :::111 :::* LISTEN
tcp6 0 0 :::8080 :::* LISTEN
tcp6 0 0 :::80 :::* LISTEN
tcp6 0 0 :::8081 :::* LISTEN
tcp6 0 0 :::22 :::* LISTEN
tcp6 0 0 :::443 :::* LISTEN
tcp6 0 0 :::830 :::* LISTEN
```

# support show netstatudp

To display the network connection and protocol statistics information for UDP, use the **support show netstatudp** command in privileged EXEC mode.

**support show netstatudp**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show netstatudp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address Foreign Address State
udp 0 0 0.0.0.0:161 0.0.0.0:*
udp 0 0 127.0.0.1:323 0.0.0.0:*
udp 0 0 0.0.0.0:1610 0.0.0.0:*
udp6 0 0 ::1:323 :::*
udp6 0 0 ::1:1610 :::*
```

# support show procstat

To display the statistics information for kernel or system, use the **support show procstat** command in privileged EXEC mode.

**support show procstat**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show procstat
cpu 155096 1 303421 267304458 50402 0 4774 0 52078 0
cpu0 29046 0 43045 6607705 3121 0 1175 0 0 0
cpu1 27238 0 39353 6562272 1857 0 2558 0 0 0
cpu2 0 0 231 6697805 0 0 0 0 0 0
cpu3 0 0 231 6698222 0 0 0 0 0 0
cpu4 0 0 231 6698222 0 0 0 0 0 0
cpu5 0 0 231 6698222 0 0 0 0 0 0
cpu6 0 0 231 6698222 0 0 0 0 0 0
cpu7 0 0 231 6698221 0 0 0 0 0 0
cpu8 0 0 231 6698221 0 0 0 0 0 0
cpu9 0 0 231 6698221 0 0 0 0 0 0
cpu10 0 0 262 6697886 0 0 0 0 0 0
cpu11 0 0 231 6698214 0 0 0 0 0 0
cpu12 0 0 231 6698213 0 0 0 0 0 0
cpu13 0 0 231 6698213 0 0 0 0 0 0
cpu14 0 0 231 6698212 0 0 0 0 0 0
cpu15 0 0 231 6698212 0 0 0 0 0 0
cpu16 0 0 231 6698212 0 0 0 0 0 0
cpu17 0 0 231 6698211 0 0 0 0 0 0
cpu18 0 0 231 6698211 0 0 0 0 0 0
cpu19 52484 0 27416 6600223 63 0 41 0 52078 0
cpu20 22792 0 95509 6572676 1530 0 368 0 0 0
cpu21 23533 0 89953 6524896 43829 0 631 0 0 0
cpu22 0 0 231 6698210 0 0 0 0 0 0
cpu23 0 0 231 6698210 0 0 0 0 0 0
cpu24 0 0 231 6698209 0 0 0 0 0 0
cpu25 0 0 231 6698209 0 0 0 0 0 0
cpu26 0 0 231 6698209 0 0 0 0 0 0
cpu27 0 0 231 6698209 0 0 0 0 0 0
cpu28 0 0 231 6698208 0 0 0 0 0 0
cpu29 0 0 231 6698207 0 0 0 0 0 0
cpu30 0 0 231 6698207 0 0 0 0 0 0
cpu31 0 0 231 6698207 0 0 0 0 0 0
cpu32 0 0 231 6698206 0 0 0 0 0 0
cpu33 0 0 231 6698206 0 0 0 0 0 0
cpu34 0 0 231 6698206 0 0 0 0 0 0
```

```
cpu35 0 0 231 6698205 0 0 0 0 0 0
cpu36 0 0 231 6698205 0 0 0 0 0 0
cpu37 0 0 231 6698204 0 0 0 0 0 0
cpu38 0 0 231 6698204 0 0 0 0 0 0
cpu39 0 0 231 6698204 0 0 0 0 0 0
intr 71282795 154 0 0 0 890 0 0 0 1 148338 0 0 0 0 0 0 0 0 129 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 162766 64744
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 533 25119 2256492 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 171740 2860624
452569 36061 40063 97867 61120 302923 0 0 33470 33470 33470 33470 33470 33470 33470 33470
0 33469 33469 33469 33469
33469 33469 33469 33469 0 0 33469 33469 33469 33469 33469 33469 33469 33469 0 0 33468 33468
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33433 33433 33433 33433 33433 33433 33433 33433 33433 33433 33433 33433 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ctxt 107838268
btime 1510762560
processes 162648
procs_running 1
procs_blocked 0
softirq 73632593 9 31179219 13427 11364643 2471015 0 686 11744081 0 16859513
```

# support show route

To display the route netstat information, use the **support show route** command in privileged EXEC mode.

**support show route**

**Syntax Description**

| | |
|---|---|
| *table-id* | (Optional) Specifies the table ID. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show route ?
Possible completions:
  Linux routing table number to display  |  <cr>
nfvis# support show route 220
90.90.90.1 dev ipsec0 scope link
91.91.91.0/24 dev ipsec0 proto bird scope link
92.92.92.0/24 dev ipsec0 proto bird scope link
```

# support show snmp

To display the IP, ICMP, TCP, and UDP MIB information for SNMP agent, use the **support show snmp** command in privileged EXEC mode.

**support show snmp**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show snmp
Ip: Forwarding DefaultTTL InReceives InHdrErrors InAddrErrors ForwDatagrams InUnknownProtos
 InDiscards InDelivers OutRequests
OutDiscards OutNoRoutes ReasmTimeout ReasmReqds ReasmOKs ReasmFails FragOKs FragFails
FragCreates
Ip: 1 64 6869229 0 0 0 0 0 3944160 3939158 407 0 0 0 0 0 0 0 0
Icmp: InMsgs InErrors InCsumErrors InDestUnreachs InTimeExcds InParmProbs InSrcQuenchs
InRedirects InEchos InEchoReps InTimestamps
 InTimestampReps InAddrMasks InAddrMaskReps OutMsgs OutErrors OutDestUnreachs OutTimeExcds
 OutParmProbs OutSrcQuenchs OutRedirects
 OutEchos OutEchoReps OutTimestamps OutTimestampReps OutAddrMasks OutAddrMaskReps
Icmp: 9732 0 0 9732 0 0 0 0 0 0 0 0 0 9735 0 9735 0 0 0 0 0 0 0 0 0 0
IcmpMsg: InType3 OutType3
IcmpMsg: 9732 9735
Tcp: RtoAlgorithm RtoMin RtoMax MaxConn ActiveOpens PassiveOpens AttemptFails EstabResets
CurrEstab InSegs OutSegs RetransSegs
InErrs OutRsts InCsumErrors
Tcp: 1 200 120000 -1 15203 14161 1119 7 402 3931354 3927811 489 0 1127 0
Udp: InDatagrams NoPorts InErrors OutDatagrams RcvbufErrors SndbufErrors InCsumErrors
Udp: 0 9732 0 9732 0 0 0
UdpLite: InDatagrams NoPorts InErrors OutDatagrams RcvbufErrors SndbufErrors InCsumErrors
UdpLite: 0 0 0 0 0 0 0
```

# support show system-version

To display the information about the system version, use the **support show system-version** command in privileged EXEC mode.

**support show system-version**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show system-version
Linux version 3.10.0-514.21.1.el7.x86_64 (abc@sample.localdomain) (gcc version 4.8.5 20150623
 (Red Hat 4.8.5-11) (GCC) )
 #1 SMP Tue Aug 8 14:23:12 IST 2017
```

# support show system-hostname

To display the system host name, use the **support show system-hostname** command in privileged EXEC mode.

**support show system-hostname**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support show system-hostname
nfvis
```

# support virsh all-info

To display the output of all supported virsh commands, use the **support virsh all-info** command in privileged EXEC mode.

**support virsh all-info**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh all-info
support virsh list
 Id    Name                           State
----------------------------------------------------
 1     1510117366.RouterUnmon         running
 2     1510085877.ubuntu              running
 3     1510095552.ROUTER              running
 4     isr1-dep.isr1-vg               running


support virsh dumpxml 1
<domain type='kvm' id='1'>
  <name>1510117366.RouterUnmon</name>
  <uuid>2329b9ff-2a77-4e20-9cad-a5a5984bd4ba</uuid>
  <memory unit='KiB'>2359296</memory>
  <currentMemory unit='KiB'>2359296</currentMemory>
  <vcpu placement='static' current='2'>8</vcpu>
  <cputune>
    <vcpupin vcpu='0' cpuset='12'/>
    <vcpupin vcpu='1' cpuset='11'/>
    <emulatorpin cpuset='11-12'/>
  </cputune>
  <resource>
    <partition>/machine</partition>
  </resource>
  <os>
    <type arch='x86_64' machine='pc-i440fx-rhel7.0.0'>hvm</type>
    <boot dev='hd'/>
  </os>
  <features>
    <acpi/>
    <apic/>
    <pae/>
  </features>
  <cpu mode='host-passthrough'/>
  <clock offset='utc'/>
  <on_poweroff>restart</on_poweroff>
```

```
  <on_reboot>restart</on_reboot>
  <on_crash>destroy</on_crash>
  <devices>
    <emulator>/usr/libexec/qemu-kvm</emulator>
    <disk type='file' device='disk'>
      <driver name='qemu' type='qcow2' cache='writethrough'/>
      <source
file='/data/cisco/vm_lifecycle/volumes/2329b9ff-2a77-4e20-9cad-a5a5984bd4ba_0.img'/>
      <backingStore type='file' index='1'>
        <format type='qcow2'/>
        <source
file='/data/cisco/vm_lifecycle/volumes/isrv-universalk9.16.06.01-vga.qcow2_0.img'/>
        <backingStore/>
      </backingStore>
      <target dev='vda' bus='virtio'/>
      <alias name='virtio-disk0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x05' function='0x0'/>
    </disk>
    <controller type='usb' index='0'>
      <alias name='usb'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x01' function='0x2'/>
    </controller>
    <controller type='pci' index='0' model='pci-root'>
      <alias name='pci.0'/>
    </controller>
    <interface type='bridge'>
      <mac address='52:54:00:f7:06:89'/>
      <source network='lan-net' bridge='lan-br'/>
      <virtualport type='openvswitch'>
        <parameters interfaceid='98b0908f-8ddc-4800-b970-b1a902f2f1ac'/>
      </virtualport>
      <target dev='vnic8'/>
      <model type='virtio'/>
      <alias name='net0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x03' function='0x0'/>
    </interface>
    <interface type='bridge'>
      <mac address='52:54:00:52:67:ba'/>
      <source network='wan-net' bridge='wan-br'/>
      <virtualport type='openvswitch'>
        <parameters interfaceid='b42b7f81-37a8-45c5-b468-ec60074a5ec4'/>
      </virtualport>
      <target dev='vnic9'/>
      <model type='virtio'/>
      <alias name='net1'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x04' function='0x0'/>
    </interface>
    <input type='mouse' bus='ps2'>
      <alias name='input0'/>
    </input>
    <input type='tablet' bus='usb'>
      <alias name='input1'/>
      <address type='usb' bus='0' port='1'/>
    </input>
    <input type='keyboard' bus='ps2'>
      <alias name='input2'/>
    </input>
    <graphics type='vnc' port='5900' autoport='yes' listen='0.0.0.0'>
      <listen type='address' address='0.0.0.0'/>
    </graphics>
    <video>
      <model type='cirrus' vram='16384' heads='1' primary='yes'/>
      <alias name='video0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x02' function='0x0'/>
```

```
    </video>
    <memballoon model='none'/>
  </devices>
  <seclabel type='dynamic' model='selinux' relabel='yes'>
    <label>system_u:system_r:svirt_t:s0:c379,c571</label>
    <imagelabel>system_u:object_r:svirt_image_t:s0:c379,c571</imagelabel>
  </seclabel>
  <seclabel type='dynamic' model='dac' relabel='yes'>
    <label>+107:+107</label>
    <imagelabel>+107:+107</imagelabel>
  </seclabel>
</domain>
...
```

# support virsh capabilities

To display the host capabilities, use the **support virsh capabilities** command in privileged EXEC mode.

**support virsh capabilities**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh capabilities
<capabilities>
<host>
<uuid>eb7c9ce9-9df9-3142-898b-c84a16b10706</uuid>
<cpu>
<arch>x86_64</arch>
<model>Broadwell</model>
<vendor>Intel</vendor>
<topology sockets='1' cores='10' threads='2'/>
<feature name='vme'/>
<feature name='ds'/>
<feature name='acpi'/>
<feature name='ss'/>
<feature name='ht'/>
<feature name='tm'/>
<feature name='pbe'/>
<feature name='dtes64'/>
<feature name='monitor'/>
<feature name='ds_cpl'/>
<feature name='vmx'/>
<feature name='smx'/>
<feature name='est'/>
<feature name='tm2'/>
<feature name='xtpr'/>
<feature name='pdcm'/>
<feature name='dca'/>
<feature name='osxsave'/>
<feature name='f16c'/>
<feature name='rdrand'/>
<feature name='arat'/>
<feature name='tsc_adjust'/>
<feature name='cmt'/>
<feature name='xsaveopt'/>
<feature name='mbm_total'/>
<feature name='mbm_local'/>
<feature name='pdpe1gb'/>
<feature name='abm'/>
<feature name='invtsc'/>
```

```
<pages unit='KiB' size='4'/>
<pages unit='KiB' size='2048'/>
<pages unit='KiB' size='1048576'/>
</cpu>
<power_management>
<suspend_mem/>
<suspend_disk/>
<suspend_hybrid/>
</power_management>
<migration_features>
<live/>
<uri_transports>
<uri_transport>tcp</uri_transport>
<uri_transport>rdma</uri_transport>
</uri_transports>
</migration_features>
<topology>
<cells num='2'>
<cell id='0'>
<memory unit='KiB'>66995472</memory>
<pages unit='KiB' size='4'>16748868</pages>
<pages unit='KiB' size='2048'>0</pages>
<pages unit='KiB' size='1048576'>0</pages>
<distances>
<sibling id='0' value='10'/>
<sibling id='1' value='21'/>
</distances>
<cpus num='20'>
<cpu id='0' socket_id='0' core_id='0' siblings='0,20'/>
<cpu id='1' socket_id='0' core_id='1' siblings='1,21'/>
<cpu id='2' socket_id='0' core_id='2' siblings='2,22'/>
<cpu id='3' socket_id='0' core_id='3' siblings='3,23'/>
<cpu id='4' socket_id='0' core_id='4' siblings='4,24'/>
<cpu id='5' socket_id='0' core_id='8' siblings='5,25'/>
<cpu id='6' socket_id='0' core_id='9' siblings='6,26'/>
<cpu id='7' socket_id='0' core_id='10' siblings='7,27'/>
<cpu id='8' socket_id='0' core_id='11' siblings='8,28'/>
<cpu id='9' socket_id='0' core_id='12' siblings='9,29'/>
<cpu id='20' socket_id='0' core_id='0' siblings='0,20'/>
<cpu id='21' socket_id='0' core_id='1' siblings='1,21'/>
<cpu id='22' socket_id='0' core_id='2' siblings='2,22'/>
<cpu id='23' socket_id='0' core_id='3' siblings='3,23'/>
<cpu id='24' socket_id='0' core_id='4' siblings='4,24'/>
<cpu id='25' socket_id='0' core_id='8' siblings='5,25'/>
<cpu id='26' socket_id='0' core_id='9' siblings='6,26'/>
<cpu id='27' socket_id='0' core_id='10' siblings='7,27'/>
<cpu id='28' socket_id='0' core_id='11' siblings='8,28'/>
<cpu id='29' socket_id='0' core_id='12' siblings='9,29'/>
</cpus>
</cell>
<cell id='1'>
<memory unit='KiB'>67108864</memory>
<pages unit='KiB' size='4'>16777216</pages>
<pages unit='KiB' size='2048'>0</pages>
<pages unit='KiB' size='1048576'>0</pages>
<distances>
<sibling id='0' value='21'/>
<sibling id='1' value='10'/>
</distances>
<cpus num='20'>
<cpu id='10' socket_id='1' core_id='0' siblings='10,30'/>
<cpu id='11' socket_id='1' core_id='1' siblings='11,31'/>
<cpu id='12' socket_id='1' core_id='2' siblings='12,32'/>
<cpu id='13' socket_id='1' core_id='3' siblings='13,33'/>
```

```
<cpu id='14' socket_id='1' core_id='4' siblings='14,34'/>
<cpu id='15' socket_id='1' core_id='8' siblings='15,35'/>
<cpu id='16' socket_id='1' core_id='9' siblings='16,36'/>
<cpu id='17' socket_id='1' core_id='10' siblings='17,37'/>
<cpu id='18' socket_id='1' core_id='11' siblings='18,38'/>
<cpu id='19' socket_id='1' core_id='12' siblings='19,39'/>
<cpu id='30' socket_id='1' core_id='0' siblings='10,30'/>
<cpu id='31' socket_id='1' core_id='1' siblings='11,31'/>
<cpu id='32' socket_id='1' core_id='2' siblings='12,32'/>
<cpu id='33' socket_id='1' core_id='3' siblings='13,33'/>
<cpu id='34' socket_id='1' core_id='4' siblings='14,34'/>
<cpu id='35' socket_id='1' core_id='8' siblings='15,35'/>
<cpu id='36' socket_id='1' core_id='9' siblings='16,36'/>
<cpu id='37' socket_id='1' core_id='10' siblings='17,37'/>
<cpu id='38' socket_id='1' core_id='11' siblings='18,38'/>
<cpu id='39' socket_id='1' core_id='12' siblings='19,39'/>
</cpus>
</cell>
</cells>
</topology>
<secmodel>
<model>selinux</model>
<doi>0</doi>
<baselabel type='kvm'>system_u:system_r:svirt_t:s0</baselabel>
<baselabel type='qemu'>system_u:system_r:svirt_tcg_t:s0</baselabel>
</secmodel>
<secmodel>
<model>dac</model>
<doi>0</doi>
<baselabel type='kvm'>+107:+107</baselabel>
<baselabel type='qemu'>+107:+107</baselabel>
</secmodel>
</host>
<guest>
<os_type>hvm</os_type>
<arch name='i686'>
<wordsize>32</wordsize>
<emulator>/usr/libexec/qemu-kvm</emulator>
<machine maxCpus='240'>pc-i440fx-rhel7.0.0</machine>
<machine canonical='pc-i440fx-rhel7.0.0' maxCpus='240'>pc</machine>
<machine maxCpus='240'>rhel6.0.0</machine>
<machine maxCpus='240'>rhel6.1.0</machine>
<machine maxCpus='240'>rhel6.2.0</machine>
<machine maxCpus='240'>rhel6.3.0</machine>
<machine maxCpus='240'>rhel6.4.0</machine>
<machine maxCpus='240'>rhel6.5.0</machine>
<machine maxCpus='240'>rhel6.6.0</machine>
<domain type='qemu'/>
<domain type='kvm'>
<emulator>/usr/libexec/qemu-kvm</emulator>
</domain>
</arch>
<features>
<cpuselection/>
<deviceboot/>
<disksnapshot default='off' toggle='no'/>
<acpi default='on' toggle='yes'/>
<apic default='on' toggle='no'/>
<pae/>
<nonpae/>
</features>
</guest>
<guest>
<os_type>hvm</os_type>
```

```
<arch name='x86_64'>
<wordsize>64</wordsize>
<emulator>/usr/libexec/qemu-kvm</emulator>
<machine maxCpus='240'>pc-i440fx-rhel7.0.0</machine>
<machine canonical='pc-i440fx-rhel7.0.0' maxCpus='240'>pc</machine>
<machine maxCpus='240'>rhel6.0.0</machine>
<machine maxCpus='240'>rhel6.1.0</machine>
<machine maxCpus='240'>rhel6.2.0</machine>
<machine maxCpus='240'>rhel6.3.0</machine>
<machine maxCpus='240'>rhel6.4.0</machine>
<machine maxCpus='240'>rhel6.5.0</machine>
<machine maxCpus='240'>rhel6.6.0</machine>
<domain type='qemu'/>
<domain type='kvm'>
<emulator>/usr/libexec/qemu-kvm</emulator>
</domain>
</arch>
<features>
<cpuselection/>
<deviceboot/>
<disksnapshot default='off' toggle='no'/>
<acpi default='on' toggle='yes'/>
<apic default='on' toggle='no'/>
</features>
</guest>
</capabilities>
```

# support virsh cpu-stats

To display the CPU statistics for a domain, use the **support virsh cpu-stats** command in privileged EXEC mode.

**support virsh cpu-stats** *domain*

**Syntax Description**

| | |
|---|---|
| *domain* | Specifies the domain name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh cpu-stats 1512149985.ROUTER
Time used by the domain:
cpu_time    : 55311955404 ns
system_time : 3910000000 ns
user_time   : 810000000 ns
```

# support virsh domiflist

To display the list of interfaces in a domain, use the **support virsh domiflist** command in privileged EXEC mode.

**support virsh domiflist** *domain*

## Syntax Description

| | |
|---|---|
| *domain* | Specifies the domain name. |

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh domiflist 2
Interface  Type       Source     Model       MAC
-------------------------------------------------------
vnic2      bridge     wan-net    virtio      52:54:00:db:4d:10
vnic3      bridge     lan-net    virtio      52:54:00:8a:58:f5
```

# support virsh dumpxml

To display the VM XML dump of the configuration file, use the **support virsh dumpxml** command in privileged EXEC mode.

**support virsh dumpxml** *domain*

**Syntax Description**

| | |
|---|---|
| *domain* | Specifies the name or ID of the domain. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh dumpxml 2
<domain type='kvm' id='2'>
  <name>1505948272.vmdk</name>
  <uuid>285b8c3f-9f10-4e6b-b9bc-e87caaf7d877</uuid>
  <memory unit='KiB'>4456448</memory>
  <currentMemory unit='KiB'>4456448</currentMemory>
  <vcpu placement='static' current='2'>8</vcpu>
  <cputune>
    <vcpupin vcpu='0' cpuset='17'/>
    <vcpupin vcpu='1' cpuset='16'/>
  </cputune>
  <resource>
    <partition>/machine</partition>
  </resource>
  <os>
    <type arch='x86_64' machine='pc-i440fx-rhel7.0.0'>hvm</type>
    <boot dev='hd'/>
  </os>
  <features>
    <acpi/>
    <apic/>
    <pae/>
  </features>
  <cpu mode='host-passthrough'/>
  <clock offset='utc'/>
  <on_poweroff>restart</on_poweroff>
  <on_reboot>restart</on_reboot>
  <on_crash>destroy</on_crash>
  <devices>
    <emulator>/usr/libexec/qemu-kvm</emulator>
    <disk type='file' device='disk'>
      <driver name='qemu' type='qcow2' cache='writethrough'/>
      <source
file='/data/cisco/vm_lifecycle/volumes/285b8c3f-9f10-4e6b-b9bc-e87caaf7d877_0.img'/>
      <backingStore type='file' index='1'>
        <format type='qcow2'/>
        <source file='/data/cisco/vm_lifecycle/volumes/vwlc.vmdk_0.img'/>
```

```
      <backingStore/>
    </backingStore>
    <target dev='vda' bus='virtio'/>
    <alias name='virtio-disk0'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x05' function='0x0'/>
  </disk>
  <controller type='usb' index='0'>
    <alias name='usb'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x01' function='0x2'/>
  </controller>
  <controller type='pci' index='0' model='pci-root'>
    <alias name='pci.0'/>
  </controller>
  <interface type='bridge'>
    <mac address='52:54:00:db:4d:10'/>
    <source network='wan-net' bridge='wan-br'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='ad1fb82a-b6c3-4f39-adc0-72788820e798'/>
    </virtualport>
    <target dev='vnic2'/>
    <model type='virtio'/>
    <alias name='net0'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x03' function='0x0'/>
  </interface>
  <interface type='bridge'>
    <mac address='52:54:00:8a:58:f5'/>
    <source network='lan-net' bridge='lan-br'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='58070073-58ab-4ec6-92e3-81da3f7468ad'/>
    </virtualport>
    <target dev='vnic3'/>
    <model type='virtio'/>
    <alias name='net1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x04' function='0x0'/>
  </interface>
  <input type='mouse' bus='ps2'>
    <alias name='input0'/>
  </input>
  <input type='tablet' bus='usb'>
    <alias name='input1'/>
    <address type='usb' bus='0' port='1'/>
  </input>
  <input type='keyboard' bus='ps2'>
    <alias name='input2'/>
  </input>
  <graphics type='vnc' port='5901' autoport='yes' listen='0.0.0.0'>
    <listen type='address' address='0.0.0.0'/>
  </graphics>
  <video>
    <model type='cirrus' vram='16384' heads='1' primary='yes'/>
    <alias name='video0'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x02' function='0x0'/>
  </video>
  <memballoon model='none'/>
 </devices>
 <seclabel type='dynamic' model='selinux' relabel='yes'>
  <label>system_u:system_r:svirt_t:s0:c726,c919</label>
  <imagelabel>system_u:object_r:svirt_image_t:s0:c726,c919</imagelabel>
 </seclabel>
 <seclabel type='dynamic' model='dac' relabel='yes'>
  <label>+107:+107</label>
  <imagelabel>+107:+107</imagelabel>
 </seclabel>
</domain>
```

# support virsh iface-list

To display a list of interfaces on the host, use the **support virsh iface-list** command in privileged EXEC mode.

**support virsh iface-list**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh iface-list
Name                 State      MAC Address
-------------------------------------------------
 eth0                active     70:db:98:70:2f:6e
 int-mgmt-net-br     active     c6:13:e5:4d:e1:46
 lan-br              active     70:db:98:07:1f:35
 lo                  active     00:00:00:00:00:00
 wan-br              active     70:db:98:70:2f:6e
```

# support virsh iface-dumpxml

To display the XML dump of an interface, use the **support virsh iface-dumpxml** command in privileged EXEC mode.

**support virsh iface-dumpxml** *interface*

**Syntax Description**

| | |
|---|---|
| *interface* | Specifies the interface name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh iface-dumpxml wan-br
<interface type='ethernet' name='wan-br'>
   <protocol family='ipv4'>
     <ip address='172.19.181.196' prefix='24'/>
   </protocol>
   <protocol family='ipv6'>
     <ip address='2001:420:30d:200:72db:98ff:fe70:2f6e' prefix='64'/>
     <ip address='2001:420:30d:201:ffff:ffff:fffd:fa50' prefix='64'/>
     <ip address='fe80::72db:98ff:fe70:2f6e' prefix='64'/>
   </protocol>
   <link state='unknown'/>
   <mac address='70:db:98:70:2f:6e'/>
</interface>
```

# support virsh list

To display a list of VM domains provisioned in the system, use the **support virsh list** command in privileged EXEC mode.

**support virsh list**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh list
Id    Name                           State
----------------------------------------------------
 2     1505948272.vmdk                running
 3     1505947515.raw                 running
 -     1505946928.iso                 shut off
 -     1505948274.iso2                shut off
```

# support virsh memory-stats

To display the memory statistics for a domain, use the **support virsh memory-stats** command in privileged EXEC mode.

**support virsh memory-stats** *domain*

## Syntax Description

| | |
|---|---|
| *domain* | Specifies the domain name. |

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh memory-stats name 1510771542.OTHER
Memory used:
rss: 119808 KB
```

# support virsh net-dumpxml

To display the XML dump of a network, use the **support virsh net-dumpxml** command in privileged EXEC mode.

**support virsh net-dumpxml** *network*

**Syntax Description**

| | |
|---|---|
| *network* | Specifies the network name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh net-dumpxml wan-net
<network connections='1'>
   <name>wan-net</name>
   <uuid>e51f65c5-fec4-4b3c-a7cd-540b748bde57</uuid>
   <forward mode='bridge'/>
   <bridge name='wan-br'/>
   <virtualport type='openvswitch'/>
</network>
```

# support virsh net-list

To display a list of networks in the host, use the **support virsh net-list** command in privileged EXEC mode.

**support virsh net-list**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh net-list
Name                 State      Autostart     Persistent
----------------------------------------------------------
 int-mgmt-net         active     yes           yes
 lan-net              active     yes           yes
 wan-net              active     yes           yes
```

# support virsh net-info

To display information about a network, use the **support virsh net-info** command in privileged EXEC mode.

**support virsh net-info** *network*

**Syntax Description**

| | |
|---|---|
| *network* | Specifies the name of the network. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh net-info wan-net
Name:           wan-net
UUID:           e51f65c5-fec4-4b3c-a7cd-540b748bde57
Active:         yes
Persistent:     yes
Autostart:      yes
Bridge:         wan-br
```

# support virsh nodecpustats

To display the system-wide CPU statistics, use the **support virsh nodecpustats** command in privileged EXEC mode.

**support virsh nodecpustats**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh nodecpustats
usage:            0.1%
user:             0.0%
system:           0.0%
idle:           100.0%
iowait:           0.0%
```

# support virsh pool-list

To display a list of all storage pools in the system, use the **support virsh pool-list** command in privileged EXEC mode.

**support virsh pool-list**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh pool-list
Name                 State      Autostart
-----------------------------------------
 cisco_datastore1     active     no
```

# support virsh pool-dumpxml

To display the XML dump of a storage pool, use the **support virsh pool-dumpxml** command in privileged EXEC mode.

**support virsh pool-dumpxml** *poolname*

**Syntax Description**

| | |
|---|---|
| *poolname* | Specifies the pool name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh pool-dumpxml cisco_datastore1
<pool type='dir'>
  <name>cisco_datastore1</name>
  <uuid>51487524-16fe-40c9-a598-6384c914e191</uuid>
  <capacity unit='bytes'>2304488226816</capacity>
  <allocation unit='bytes'>256696770560</allocation>
  <available unit='bytes'>2047791456256</available>
  <source>
  </source>
  <target>
    <path>/data/cisco/vm_lifecycle/volumes</path>
    <permissions>
      <mode>0755</mode>
      <owner>0</owner>
      <group>0</group>
      <label>system_u:object_r:etc_runtime_t:s0</label>
    </permissions>
  </target>
</pool>
```

# support virsh sys-info

To display the system information, use the **support virsh sys-info** command in privileged EXEC mode.

**support virsh sys-info**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh sys-info
Sys info: <sysinfo type='smbios'>
<bios>
<entry name='vendor'>Cisco Systems, Inc.</entry>
<entry name='version'>C220M4.2.0.13g.0.1113162259</entry>
<entry name='date'>11/13/2016</entry>
<entry name='release'>5.11</entry>
</bios>
<system>
<entry name='manufacturer'>Cisco Systems Inc</entry>
<entry name='product'>UCSC-C220-M4S</entry>
<entry name='version'>A0</entry>
<entry name='serial'>FCH2110V0DX</entry>
<entry name='uuid'>EB7C9CE9-9DF9-3142-898B-C84A16B10706</entry>
<entry name='sku'>Not Specified</entry>
<entry name='family'>Not Specified</entry>
</system>
<baseBoard>
<entry name='manufacturer'>Cisco Systems Inc</entry>
<entry name='product'>UCSC-C220-M4S</entry>
<entry name='version'>74-12419-02</entry>
<entry name='serial'>FCH2108JLC4</entry>
<entry name='asset'>Unknown</entry>
<entry name='location'>Not Specified</entry>
</baseBoard>
<processor>
<entry name='socket_destination'>CPU1</entry>
<entry name='type'>Central Processor</entry>
<entry name='family'>Xeon</entry>
<entry name='manufacturer'>Intel(R) Corporation</entry>
<entry name='signature'>Type 0, Family 6, Model 79, Stepping 1</entry>
<entry name='version'>Intel(R) Xeon(R) CPU E5-2630 v4 @ 2.20GHz</entry>
<entry name='external_clock'>100 MHz</entry>
<entry name='max_speed'>4000 MHz</entry>
<entry name='status'>Populated, Enabled</entry>
<entry name='serial_number'>Not Specified</entry>
<entry name='part_number'>Not Specified</entry>
</processor>
```

```
<processor>
<entry name='socket_destination'>CPU2</entry>
<entry name='type'>Central Processor</entry>
<entry name='family'>Xeon</entry>
<entry name='manufacturer'>Intel(R) Corporation</entry>
<entry name='signature'>Type 0, Family 6, Model 79, Stepping 1</entry>
<entry name='version'>Intel(R) Xeon(R) CPU E5-2630 v4 @ 2.20GHz</entry>
<entry name='external_clock'>100 MHz</entry>
<entry name='max_speed'>4000 MHz</entry>
<entry name='status'>Populated, Enabled</entry>
<entry name='serial_number'>Not Specified</entry>
<entry name='part_number'>Not Specified</entry>
</processor>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_A1</entry>
<entry name='bank_locator'>NODE 0 CHANNEL 0 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E462C9</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_B1</entry>
<entry name='bank_locator'>NODE 0 CHANNEL 1 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E4536B</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_C1</entry>
<entry name='bank_locator'>NODE 0 CHANNEL 2 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E4539A</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_D1</entry>
<entry name='bank_locator'>NODE 0 CHANNEL 3 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E4544B</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
```

```
<entry name='locator'>DIMM_E1</entry>
<entry name='bank_locator'>NODE 1 CHANNEL 0 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E468CE</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_F1</entry>
<entry name='bank_locator'>NODE 1 CHANNEL 1 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E44191</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_G1</entry>
<entry name='bank_locator'>NODE 1 CHANNEL 2 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E46927</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
<memory_device>
<entry name='size'>16384 MB</entry>
<entry name='form_factor'>DIMM</entry>
<entry name='locator'>DIMM_H1</entry>
<entry name='bank_locator'>NODE 1 CHANNEL 3 DIMM 0</entry>
<entry name='type'>DDR4</entry>
<entry name='type_detail'>Registered (Buffered)</entry>
<entry name='speed'>2400 MHz</entry>
<entry name='manufacturer'>0xCE00</entry>
<entry name='serial_number'>34E468D0</entry>
<entry name='part_number'>M393A2K40BB1-CRC</entry>
</memory_device>
</sysinfo>
```

# support virsh vol-dumpxml

To display the XML dump of a volume, use the **support virsh vol-dumpxml** command in privileged EXEC mode.

**support virsh vol-dumpxml** *poolname volumename*

## Syntax Description

| | |
|---|---|
| *poolname* | Specifies the pool name. |
| *volumename* | Specifies the volume name. |

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh vol-dumpxml cisco_datastore1 vwlc.vmdk_0.img
<volume type='file'>
  <name>vwlc.vmdk_0.img</name>
  <key>/data/cisco/vm_lifecycle/volumes/vwlc.vmdk_0.img</key>
  <source>
  </source>
  <capacity unit='bytes'>8589934592</capacity>
  <allocation unit='bytes'>200704</allocation>
  <target>
    <path>/data/cisco/vm_lifecycle/volumes/vwlc.vmdk_0.img</path>
    <format type='qcow2'/>
    <permissions>
      <mode>0600</mode>
      <owner>107</owner>
      <group>107</group>
      <label>system_u:object_r:virt_content_t:s0</label>
    </permissions>
    <timestamps>
      <atime>1505921732.573554833</atime>
      <mtime>1505921559.789556401</mtime>
      <ctime>1505921732.494554834</ctime>
    </timestamps>
    <compat>1.1</compat>
    <features/>
  </target>
</volume>
```

# support virsh vol-list

To display the list of interfaces in a domain, use the **support virsh vol-list** command in privileged EXEC mode.

**support virsh vol-list** *poolname*

**Syntax Description**

| | |
|---|---|
| *poolname* | Specifies the pool name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support virsh vol-list cisco_datastore1
Name                 Path
--------------------------------------------------------------------------------
 24ef7a32-4490-49ca-bbc8-c9a01ec20ae4_0.img
/data/cisco/vm_lifecycle/volumes/24ef7a32-4490-49ca-bbc8-c9a01ec20ae4_0.img
 285b8c3f-9f10-4e6b-b9bc-e87caaf7d877_0.img
/data/cisco/vm_lifecycle/volumes/285b8c3f-9f10-4e6b-b9bc-e87caaf7d877_0.img
 5db7f935-501b-4606-935b-bf650fefdc02_0.img
/data/cisco/vm_lifecycle/volumes/5db7f935-501b-4606-935b-bf650fefdc02_0.img
 d4a8df33-3bc1-43db-9a82-b96dc8429fb3_0.img
/data/cisco/vm_lifecycle/volumes/d4a8df33-3bc1-43db-9a82-b96dc8429fb3_0.img
 fattest_0.img        /data/cisco/vm_lifecycle/volumes/fattest_0.img
 TinyLinux.qcow2_0.img /data/cisco/vm_lifecycle/volumes/TinyLinux.qcow2_0.img
 vwlc.vmdk_0.img      /data/cisco/vm_lifecycle/volumes/vwlc.vmdk_0.img
```

# support ovs all-info

To display the output of all supported ovs commands, use the **support ovs all-info** command in privileged EXEC mode.

**support ovs all-info**

## Syntax Description

This command has no arguments or keywords.

## Command Default

None

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs all-info
support ovs vsctl show
c23984a8-7379-445d-9ca3-0980bf1db317
    Bridge wan-br
        Port "vnic4"
            Interface "vnic4"
        Port wan-br
            Interface wan-br
                type: internal
        Port "vnic2"
            Interface "vnic2"
        Port "eth0"
            Interface "eth0"
        Port "vnic9"
            Interface "vnic9"
        Port "vnic0"
            Interface "vnic0"
    Bridge int-mgmt-net-br
        Port "vnic3"
            Interface "vnic3"
        Port int-mgmt-net-br
            Interface int-mgmt-net-br
                type: internal
    Bridge lan-br
        Port lan-br
            Interface lan-br
                type: internal
        Port "eth6"
            Interface "eth6"
        Port "eth7"
            Interface "eth7"
        Port "eth4"
            Interface "eth4"
        Port "eth2"
            Interface "eth2"
        Port "eth1"
            Interface "eth1"
```

```
        Port "vnic8"
            Interface "vnic8"
        Port "eth5"
            Interface "eth5"
        Port "vnic1"
            Interface "vnic1"
        Port "eth3"
            Interface "eth3"
    ovs_version: "2.5.2"
support ovs vsctl list-br
int-mgmt-net-br
lan-br
wan-br
...
```

# support ovs appctl fdb-show

To display information about the ports of a bridge , use the **support ovs appctl fdb-show** command in privileged EXEC mode.

**support ovs appctl fdb-show** *bridge*

**Syntax Description**

| | |
|---|---|
| *bridge* | Specifies the bridge name. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs appctl fdb-show wan-br
port  VLAN  MAC                Age
    1     0  00:24:14:de:0f:b0  275
    1     0  00:19:2f:bc:f9:40  271
    1     0  b4:14:89:cb:7a:18  252
    1     0  a8:9d:21:04:2c:a1  228
    1     0  c4:71:fe:60:51:40  211
    1     0  00:d0:c9:bd:b1:ca  187
    1     0  00:0c:29:25:71:45  176
    1     0  0c:4d:e9:c7:14:eb  176
    1     0  ac:87:a3:01:5d:38  175
    1     0  00:1a:a1:21:a9:08  172
    1     0  00:17:08:50:27:9b  153
    1     0  00:50:56:87:24:11  150
    1     0  00:1a:a1:df:48:70  143
    1     0  00:6b:f1:25:13:f0  139
    1     0  00:78:88:50:95:40  139
    1     0  00:03:ba:85:a1:16  123
    1     0  00:11:92:fa:07:d1  123
    1     0  50:57:a8:e1:5f:48  122
    1     0  70:db:98:c3:fb:00  110
    1     0  a8:9d:21:f4:74:10  110
    1     0  50:3d:e5:9d:5a:a8  107
    1     0  00:17:95:42:67:e0  106
    1     0  00:50:56:8b:01:37  105
    1     0  a8:9d:21:ce:de:50   81
    1     0  fa:9d:46:a0:61:ce   80
    1     0  6c:ae:8b:15:f3:c6   61
    1     0  4c:4e:35:44:25:ca   59
    1     0  80:e0:1d:37:1c:68   54
    1     0  00:f2:8b:c3:97:70   52
    1     0  a2:6e:e7:10:a1:bb   50
    1     0  00:6b:f1:25:13:fc   50
    1     0  44:2b:03:16:db:83   50
    1     0  80:e0:1d:36:e3:7d   50
    1     0  d8:b1:90:40:7a:0f   49
    1     0  70:db:98:70:0a:d9   47
```

```
    1     0  a8:9d:21:93:65:06   46
    1     0  bc:f1:f2:da:f9:41   40
    1     0  5c:f3:fc:2b:2d:79   35
    1     0  70:db:98:6f:fb:c0   33
    1     0  ce:b2:05:54:47:82   32
    1     0  84:b8:02:b8:5a:fc   32
    1     0  00:f2:8b:c3:97:7c   32
    1     0  10:05:ca:9d:8a:21   31
    1     0  d4:6d:50:cf:9e:8d   31
    1     0  84:b8:02:5b:cd:d9   29
    1     0  00:1e:be:10:81:9a   29
    1     0  80:e0:1d:37:2a:80   27
    6     0  52:54:00:82:95:43   26
    1     0  f8:66:f2:da:0a:80   26
    1     0  da:eb:ea:3f:ed:04   25
    1     0  50:3d:e5:17:b4:00   23
    1     0  e4:c7:22:f0:16:f9   16
    1     0  a8:9d:21:ce:de:4b   15
    1     0  00:1d:70:7e:5d:80   14
    1     0  f8:0b:cb:d6:a6:d5   14
    1     0  00:6b:f1:25:13:7c   14
    1     0  70:db:98:6f:fb:bb   14
    1     0  d4:6d:50:cf:c1:81   13
    1     0  80:e0:1d:36:e3:82   13
    1     0  a8:9d:21:93:65:02   11
    1     0  00:b0:64:fd:06:87   11
    1     0  d4:6d:50:cf:c1:86   11
    1     0  70:db:98:c3:fa:80   10
    1     0  70:db:98:c3:f9:68   10
    9     0  52:54:00:85:8a:7a   10
    1     0  bc:f1:f2:da:f9:04    9
    1     0  00:0c:29:3d:50:1e    7
    1     0  00:0c:29:3d:50:0a    7
    1     0  52:54:00:54:78:e4    7
    1     0  d6:b2:96:90:eb:25    6
    1     0  84:b8:02:b8:5a:f7    5
    1     0  00:6b:f1:25:13:fd    5
    1     0  00:0d:60:84:1e:c0    5
    1     0  00:25:45:0e:c3:c0    5
    1     0  00:05:73:a0:00:08    2
    1     0  00:25:b4:47:44:00    0
    1     0  00:09:e6:00:39:d6    0
    1     0  68:bc:0c:5b:cb:01    0
    1     0  00:00:0c:9f:f0:06    0
LOCAL     0  70:db:98:70:2f:6e    0
    1     0  3c:ce:73:da:60:00    0
    1     0  00:05:73:a0:00:01    0
    1     0  00:00:0c:9f:f0:15    0
```

# support ovs dpctl show

To display an overview of the database contents, use the **support ovs dpctl show** command in privileged EXEC mode.

**support ovs dpctl show**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs dpctl show
system@ovs-system:
 lookups: hit:9883843 missed:715875 lost:0
 flows: 27
 masks: hit:38834243 total:4 hit/pkt:3.66
 port 0: ovs-system (internal)
 port 1: eth4
 port 2: eth5
 port 3: eth3
 port 4: eth1
 port 5: eth7
 port 6: eth6
 port 7: lan-br (internal)
 port 8: eth2
 port 9: eth0
 port 10: wan-br (internal)
 port 11: int-mgmt-net-br (internal)
 port 12: vnic0
 port 13: vnic1
 port 14: vnic2
 port 15: vnic3
 port 16: vnic4
 port 17: vnic5
 port 18: vnic6
 port 19: vnic7
```

# support ovs ofctl dump-ports

To display the port statistics, use the **support ovs ofctl dump-ports** command in privileged EXEC mode.

**support ovs ofctl dump-ports** *bridge*

**Syntax Description**

| | |
|---|---|
| *bridge* | Specifies the name of the bridge. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs ofctl dump-ports wan-br
OFPST_PORT reply (xid=0x2): 6 ports
  port 10: rx pkts=0, bytes=0, drop=0, errs=0, frame=0, over=0, crc=0
           tx pkts=513, bytes=80488, drop=5259654, errs=0, coll=0
  port  8: rx pkts=0, bytes=0, drop=0, errs=0, frame=0, over=0, crc=0
           tx pkts=2280, bytes=365070, drop=6185138, errs=0, coll=0
  port  6: rx pkts=2315, bytes=97662, drop=0, errs=0, frame=0, over=0, crc=0
           tx pkts=3153581, bytes=501088395, drop=31404, errs=0, coll=0
  port  1: rx pkts=14451444, bytes=3479151791, drop=0, errs=0, frame=0, over=0, crc=0
           tx pkts=1450836, bytes=167179629, drop=0, errs=0, coll=0
  port LOCAL: rx pkts=8318452, bytes=11458196810, drop=6920, errs=0, frame=0, over=0, crc=0

           tx pkts=1416016, bytes=164944277, drop=0, errs=0, coll=0
  port  9: rx pkts=892, bytes=51312, drop=0, errs=0, frame=0, over=0, crc=0
           tx pkts=2940893, bytes=467376770, drop=54234, errs=0, coll=0
```

# support ovs ofctl dump-ports-desc

To display the port descriptions, use the **support ovs ofctl dump-ports-desc** command in privileged EXEC mode.

**support ovs ofctl dump-ports-desc** *bridge*

**Syntax Description**

| | |
|---|---|
| *bridge* | Specifies the name of the bridge. |

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs ofctl dump-ports-desc wan-br
OFPST_PORT_DESC reply (xid=0x2):
 1(eth0): addr:70:db:98:70:2f:6e
     config:     0
     state:      0
     current:    1GB-FD COPPER AUTO_NEG
     advertised: 10MB-HD 10MB-FD 100MB-HD 100MB-FD 1GB-FD COPPER AUTO_NEG
     supported:  10MB-HD 10MB-FD 100MB-HD 100MB-FD 1GB-FD COPPER AUTO_NEG AUTO_PAUSE
     speed: 1000 Mbps now, 1000 Mbps max
 6(vnic2): addr:fe:54:00:82:95:43
     config:     0
     state:      0
     current:    10MB-FD COPPER
     speed: 10 Mbps now, 0 Mbps max
 8(vnic1): addr:fe:54:00:3a:f1:c0
     config:     0
     state:      0
     current:    10MB-FD COPPER
     speed: 10 Mbps now, 0 Mbps max
 9(vnic3): addr:fe:54:00:85:8a:7a
     config:     0
     state:      0
     current:    10MB-FD COPPER
     speed: 10 Mbps now, 0 Mbps max
 10(vnic6): addr:fe:54:00:e4:a3:3a
     config:     0
     state:      0
     current:    10MB-FD COPPER
     speed: 10 Mbps now, 0 Mbps max
 LOCAL(wan-br): addr:70:db:98:70:2f:6e
     config:     0
     state:      0
     speed: 0 Mbps now, 0 Mbps max
```

# support ovs vsctl list-br

To display the names of all bridges, use the **support ovs vsctl list-br** command in privileged EXEC mode.

**support ovs vsctl list-br**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs vsctl list-br
int-mgmt-net-br
lan-br
wan-br
```

# support ovs vsctl list interface

To display information about a specific interface or all interfaces, use the **support ovs vsctl list interface** command in privileged EXEC mode.

**support ovs vsctl list interface** *interface*

**Syntax Description**

| | |
|---|---|
| *interface* | Specifies the interface name. |

**Command Default**

Displays information about all interfaces.

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs vsctl list interface wan-br
_uuid               : be31801b-9729-41c4-8053-52534a59a9c4
admin_state         : up
bfd                 : {}
bfd_status          : {}
cfm_fault           : []
cfm_fault_status    : []
cfm_flap_count      : []
cfm_health          : []
cfm_mpid            : []
cfm_remote_mpids    : []
cfm_remote_opstate  : []
duplex              : []
external_ids        : {}
ifindex             : 12
ingress_policing_burst: 0
ingress_policing_rate: 0
lacp_current        : []
link_resets         : 1
link_speed          : []
link_state          : up
mac                 : []
mac_in_use          : "70:db:98:70:2f:6e"
mtu                 : 1500
name                : wan-br
ofport              : 65534
ofport_request      : []
options             : {}
other_config        : {}
statistics          : {collisions=0, rx_bytes=11457008582, rx_crc_err=0, rx_dropped=6907,
rx_errors=0, rx_frame_err=0,
rx_over_err=0, rx_packets=8310154, tx_bytes=164896735, tx_dropped=0, tx_errors=0,
tx_packets=1415893}
status              : {driver_name=openvswitch}
type                : internal
```

# support ovs vsctl list-ports

To display the names of all ports on a bridge , use the **support ovs vsctl list-ports** command in privileged EXEC mode.

**support ovs vsctl list-ports** *bridge*

## Syntax Description

| | |
|---|---|
| *bridge* | Specifies the bridge name. |

## Command Default

None.

## Command Modes

Privileged EXEC (#)

## Command History

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs vsctl list-ports wan-br
eth0
vnic1
vnic2
vnic3
vnic6
```

# support ovs vsctl show

To display an overview of the database contents, use the **support ovs vsctl show** command in privileged EXEC mode.

**support ovs vsctl show**

**Syntax Description**

This command has no arguments or keywords.

**Command Default**

None

**Command Modes**

Privileged EXEC (#)

**Command History**

| Release | Modification |
|---|---|
| 3.7.1 | This command was introduced. |

### Example

```
nfvis# support ovs vsctl show
c9c52c5d-d0f3-4d8d-9ee2-ebd9728b83a6
    Bridge wan-br
        Port "vnic2"
            Interface "vnic2"
        Port "vnic3"
            Interface "vnic3"
        Port wan-br
            Interface wan-br
                type: internal
        Port "eth0"
            Interface "eth0"
        Port "vnic6"
            Interface "vnic6"
        Port "vnic1"
            Interface "vnic1"
    Bridge int-mgmt-net-br
        Port "vnic0"
            Interface "vnic0"
        Port int-mgmt-net-br
            Interface int-mgmt-net-br
                type: internal
        Port "vnic5"
            Interface "vnic5"
    Bridge lan-br
        Port "vnic4"
            Interface "vnic4"
        Port "eth3"
            Interface "eth3"
        Port "eth4"
            Interface "eth4"
        Port lan-br
            Interface lan-br
                type: internal
        Port "eth2"
            Interface "eth2"
        Port "eth7"
```

```
        Interface "eth7"
    Port "eth1"
        Interface "eth1"
    Port "eth5"
        Interface "eth5"
    Port "vnic7"
        Interface "vnic7"
    Port "eth6"
        Interface "eth6"
ovs_version: "2.3.2"
```