Cisco NFVIS Smart Licensing Commands

show running config pnic

Use **show running config pnic** to view the default number of VFs

show   running-config *pnic*

Syntax Description

pnic	The pnic ID

Command Default The default gateway is not set.

Command Modes User Exec

Command History

Release	Modification
4.13.1	This command was introduced.

Example

The following command shows the number of PNICs:

```
nfvis# show running-config pnic
pnic GE0-0
 sriov numvfs 6
!
pnic GE0-1
 sriov numvfs 6
!
pnic GE1-0
 sriov numvfs 4
!
pnic GE1-1
 sriov numvfs 4
```

show nic

Use the command **show nic** to view more details on the NICs supported on Cisco UCS C-Series M6 rack servers.

show *nic*

Syntax Description

nic	The NIC ID

Command Default The default gateway is not set.

Command Modes User Exec

Command History

Release	Modification
4.13.1	This command was introduced.

Example

The following command shows the details of NICs:

```
nfvis# show running-config pnic
SLOTID  ADAPTER                             VENDOR  DEVID  MODE  DEVNO  PNICS


--------------------------------------------------------------------------------------------------
1       Intel i350 Quad Port 1Gb Adapter    8086    1521   NA    NA     ['GE1-0', 'GE1-1',
 'GE1-2', 'GE1-3']
2       Cisco-MLNX MCX623106AS-CDAT         15b3    101d   NA    NA     []

        2x100GbE QSFP56 PCIe NIC

3       Intel Network controller            8086    10fb   NA    NA     ['GE3-0', 'GE3-1']

4       Intel X710-DA4 Quad Port 10Gb SFP+  8086    1572   NA    NA     ['GE4-0', 'GE4-1',
 'GE4-2', 'GE4-3']
        converged NIC

5       Intel Network controller            8086    10fb   NA    NA     ['GE5-0', 'GE5-1']

L       Intel  X550 LOM                     8086    1563   NA    NA     ['GE0-0', 'GE0-1']

MLOM    Cisco UCS VIC 1467 MLOM             1137    0131   NA    NA     []
```

show license

Use the command **show license** to see more details on the Cisco smart license.

show *license*

Syntax Description

license	The license number

Command Default

The default gateway is not set.

Command Modes

User Exec

Command History

Release	Modification
4.13.1	This command was introduced.

Example

The following command shows the details of NICs:

```
nfvis# show license
Description: Licensing Commands
Possible completions:
    accounts               Display information for the user accounts for licenses
    license-units-consumed  Number of license units consumed.
    opdata                 Smart Licensing operational data information.
    status                 Show license status information
    summary                Show license summary
    tech                   Tech commands
    transport              Operational Data For Cisco Smart Licensing status.
    udi                    Display the Universal Device Identifier information for the
device
    usage                  Show license usage information
    |                      Output modifiers
```

Action Commands

Use the following actions commands that can help you release, sync and trust Cisco NFVIS licences:

- **`license smart release`**: Use this command to send a "License Usage 0" message to CSSM. This action prompts the CSSM to release the license entitlement associated with your Cisco UCS C M6 Rack servers. If the device continues to operate with Cisco NFVIS after the license release, a usage report, also known as RUM, is sent to CSSM after a predetermined time interval. This report will indicate the actual number of license units consumed, which will then be reserved again on CSSM. Following a license release, a notification and system logging warning is issued, urging you to cease using Cisco NFVIS as the license has been released. You receive this notification every 8 hours during the 24 hours after a license release. If you continue to use Cisco NFVIS beyond this 24-hour period, a RUM report will be generated reflecting the appropriate number of license units consumed by Cisco NFVIS. This report is sent to the Licensing server based on the set periodic interval, after which the licensing server will reserve the correct number of license units for the device again.

- **`license smart sync`**: Report a license usage to CSSM using this action command.

- **`license smart trust`**: Initiate the establishment of trust between the device and the CSSM. This action can prove beneficial in various scenarios, including but not limited to the following:

  1. If you delete the product instance from CSSM but wish to continue with Cisco NFVIS Licensing.

  2. If you transfer your licenses from one Virtual Account to another.

  3. If there is an asynchrony between the licensing state on CSSM and on the device.

  4. If the licensing certificates on the device reach their expiry date.