Resource Commands

show resources cpu-info allocation

To get information on the number of CPUs allocated to VMs and the CPUs that are already used by the VMs, use the **show resources cpu-info allocation** command in privileged EXEC mode.

show resources cpu-info allocation [**total-sockets** | **cores-per-socket** | **logical-cpus-used-by-system** | **logical-cpus-used-by-vnfs** | **logical-cpus-used-dedicated** | **logical-cpus-used-sharable** | **total-logical-cpus**]

Syntax Description

total-sockets	(Optional) Total sockets allocated.
cores-per-socket	(Optional) Number of cores per socket.
logical-cpus-used-by-system	(Optional) Number of CPUs used by the system.
logical-cpus-used-dedicated	(Optional) Number of dedicated CPUs.
total-logical-cpus	(Optional) Total number of CPUs.
logical-cpus-used-by-vnfs	(Optional) Number of CPUs used by VNFs.

Command Default   Complete information about CPU allocation to VMs.

Command Modes   Privileged EXEC (#)

Command History

Release	Modification
3.5.1	This command was introduced.

Example

The following is the sample output from the **show resources cpu-info allocation** command:

```
nfvis# show resources cpu-info allocation
resources cpu-info allocation total-sockets 1
resources cpu-info allocation cores-per-socket 8
resources cpu-info allocation total-logical-cpus 16
resources cpu-info allocation logical-cpus-used-by-system 2
resources cpu-info allocation logical-cpus-used-by-vnfs 14
resources cpu-info allocation logical-cpus-used-dedicated 12
resources cpu-info allocation logical-cpus-used-sharable 2
```

show resources cpu-info cpus

To display information on the VMs running in all the physical CPUs or a specific physical CPU in the system, use the **show resources cpu-info cpus** command in privileged EXEC mode.

show resources cpu-info cpus [**cpu** *cpu-id*]

Syntax Description

cpu *cpu-id*	(Optional) The ID of the physical CPU.

Command Default

Display information on the VMs running in all the physical CPUs.

Command Modes

Privileged EXEC (#)

Command History

Release	Modification
3.5.1	This command was introduced.

Example

The following is a sample output from the **show resources cpu-info cpus cpu 7** command:

```
nfvis# show resources cpu-info cpus cpu 7

CPU   SOCKET  CORE  SYSTEM                            LOW       VCPU
ID    ID      ID    USE      NAME              VCPUS  LATENCY   ID
-----------------------------------------------------------------
7     0       7     false    1471588629.ROUTER3  4    true      0
```

show resources cpu-info cpus