P Commands

This chapter describes the Cisco Nexus Cloud Services Platform commands that begin with the letter P.

packet vlan

To modify the VLAN ID of the Virtual Supervisor Module (VSM) domain packet VLAN, use the **packet vlan** command.

> **packet vlan** *vlanid*

Syntax Description	*vlanid*	Number that identifies the VSM domain packet VLAN. The range is from 1 to 3967 and 4048 to 4093.

Defaults None

Command Modes SVS domain configuration (config-svs-domain)

SupportedUserRoles network-admin

Command History

Release	Modification
4.0(4)SP1(1)	This command was introduced.

Examples This example shows how to modify the VLAN ID of the VSM domain packet VLAN to be 1117:

```
n1010# configure terminal
n1010(config)# svs-domain
n1010(config-svs-domain)# packet vlan 1117
```

Related Commands	**Command**	**Description**
	login virtual-service-blade	Logs you into the Cisco Nexus 1000V CLI for the VSM that you are modifying.
	show svs-domain	Displays the domain configuration for the VSM.
	control vlan	Modifies the VLAN ID of the VSM domain control VLAN.

password strength-check

To enable password-strength checking, use the **password strength-check** command. To disable the checking of password strength, use the **no** form of this command.

>**password strength-check**

>**no password strength-check**

Syntax Description   This command has no arguments or keywords.

Defaults   This feature is enabled by default.

Command Modes   Global configuration (config)

SupportedUserRoles   network-admin

Command History

Release	Modification
4.0(4)SP1(1)	This command was introduced.

Examples   This example shows how to enable the checking of password strength:

```
n1010# configure terminal
n1010(config)# password strength-check
n1010(config)#
```

This example shows how to disable the checking of password strength:

```
n1010# configure terminal
n1010(config)# no password strength-check
n1010(config)#
```

Related Commands

Command	Description
role name	Names a user role and places you in role configuration mode for that role.
show password strength-check	Displays the configuration for checking password strength.
username	Creates a user account.

ping

To determine the network connectivity to another device using IPv4 addressing, use the **ping** command.

> **ping** [*dest-ipv4-address* | *hostname* | **multicast** *multicast-group-address* **interface** [**ethernet**
> *slot/port* | **loopback** *number* | **mgmt0** | **port-channel** *channel-number* | **vethernet** *number*]]
> [**count** {*number* | **unlimited**}] [**df-bit**] [**interval** *seconds*] [**packet-size** *bytes*] [**source**
> *src-ipv4-address*] [**timeout** *seconds*] [**vrf** *vrf-name*]

Syntax Description

dest-ipv4-address	IPv4 address of destination device. The format is *A.B.C.D*.
hostname	Hostname of destination device. The hostname is case sensitive.
multicast	(Optional) Specifies a multicast ping.
multicast-group-address	Multicast group address. The format is *A.B.C.D*.
interface	Specifies the interface to send the multicast packet.
ethernet *slot/port*	(Optional) Specifies the slot and port number for the Ethernet interface.
loopback *number*	(Optional) Specifies a virtual interface number from 0 to 1023.
mgmt0	(Optional) Specifies the management interface.
port-channel *channel-number*	(Optional) Specifies a port-channel interface in the range from 1 to 4096.
vethernet *number*	(Optional) Specifies a virtual Ethernet interface in the range from 1 to 1048575.
count	(Optional) Specifies the number of transmissions to send.
number	Number of pings. The range is from 1 to 655350. The default is 5.
unlimited	Allows an unlimited number of pings.
df-bit	(Optional) Enables the do-not-fragment bit in the IPv4 header. The default is disabled.
interval *seconds*	(Optional) Specifies the interval in seconds between transmissions. The range is from 0 to 60. The default is 1 second.
packet-size *bytes*	(Optional) Specifies the packet size in bytes to transmit. The range is from 1 to 65468. The default is 56 bytes.
source *scr-ipv4-address*	(Optional) Specifies the source IPv4 address to use. The format is *A.B.C.D*. The default is the IPv4 address for the management interface of the device.
timeout *seconds*	(Optional) Specifies the nonresponse timeout interval in seconds. The range is from 1 to 60. The default is 2 seconds.
vrf *vrf-name*	(Optional) Specifies the virtual routing and forwarding (VRF) name. The default is the default VRF.

Defaults   For the default values, see the "Syntax Description" section for this command.

Command Modes   Any command mode

SupportedUserRoles   network-admin

Command History

Release	Modification
4.0(4)SP1(1)	This command was introduced.

Examples   This example shows how to determine connectivity to another device using IPv4 addressing:

```
n1010# ping 172.28.231.246 vrf management
PING 172.28.231.246 (172.28.231.246): 56 data bytes
Request 0 timed out
64 bytes from 172.28.231.246: icmp_seq=1 ttl=63 time=0.799 ms
64 bytes from 172.28.231.246: icmp_seq=2 ttl=63 time=0.597 ms
64 bytes from 172.28.231.246: icmp_seq=3 ttl=63 time=0.711 ms
64 bytes from 172.28.231.246: icmp_seq=4 ttl=63 time=0.67 ms

--- 172.28.231.246 ping statistics ---
5 packets transmitted, 4 packets received, 20.00% packet loss
round-trip min/avg/max = 0.597/0.694/0.799 ms
```

Related Commands

Command	Description
ping6	Determines connectivity to another device using IPv6 addressing.

port-profile

To create a port profile and enter port-profile configuration mode, use the **port-profile** command. To remove the port profile configuration, use the **no** form of this command.

> **port-profile** *name*

> **no port-profile** *name*

Syntax Description

name	Port profile name. The name can be up to 80 characters.

Defaults   None

Command Modes   Global configuration (config)

SupportedUserRoles   network-admin

Command History

Release	Modification
4.0(4)SP1(1)	This command was introduced.

Usage Guidelines   The port profile name must be unique for each port profile on the Cisco Nexus 1000V.

Examples   This example shows how to create a port profile with the name AccessProf:

```
n1010# configure terminal
n1010(config)# port-profile AccessProf
n1010(config-port-prof)
```

This example shows how to remove the port profile with the name AccessProf:

```
n1010# configure terminal
n1010(config)# no port-profile AccessProf
n1010(config)
```

Related Commands

Command	Description
show port-profile name	Displays information about the port profiles.

pwd

To view the current directory, use the **pwd** command.

pwd

Syntax Description

This command has no arguments or keywords.

Defaults

None

Command Modes

Any command mode

SupportedUserRoles

network-admin
network-operator

Command History

Release	Modification
4.0(4)SP1(1)	This command was introduced.

Examples

This example shows how to view the current directory:

```
n1010# pwd
bootflash:
n1010#
```

Related Commands

Command	Description
cd	Changes the current working directory.
dir	Displays the directory contents.
rmdir	Removes a directory.