



python



PowerShell

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PowerShell Get-Help on command 'New-NetworkSwitchVlan'

PS C:\Users\wahid> Get-Help New-NetworkSwitchVlan

NAME

New-NetworkSwitchVlan

SYNOPSIS

Creates a VLAN for a network switch.

SYNTAX

```
New-NetworkSwitchVlan [-CimSession] <CimSession> [[-Caption] <String>]
[[[-Description] <String>] [-VlanID] <Int32> [-Name] <String>]
[<CommonParameters>]
```

DESCRIPTION

The New-NetworkSwitchVlan cmdlet creates a virtual local area network (VLAN) for a network switch.

PARAMETERS

-Caption <String>

Specifies a caption for the new VLAN.

-CimSession <CimSession>

Specifies the CimSession that this cmdlet uses to connect to the network switch. For more information about CimSession objects, type `Get-Help New-CimSession`.

-Description <String>

Specifies a description of the new VLAN.

-Name <String>

Specifies a name to use as the VLAN ElementName . This is a friendly name.

-VlanID <Int32>

Specifies a VLAN ID for the new VLAN.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Create a VLAN -----

```
PS C:\>$Session = New-CimSession -ComputerName "NetworkSwitch08"
```

```
PS C:\> New-NetworkSwitchVlan -Name "Contoso07VLAN" -Caption "VLAN 07"
```

```
-CimSession $Session
```

Caption	Description	ElementName	InstanceID
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VlanID	PSComputerName
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VLAN 07

VLAN0004

Contoso:NetworkVL...

4 10.19.26.4

The first command creates a CimSession for a network switch, and then stores it in the \$Session variable. For more information about CimSession objects, type ``Get-Help New-CimSession``.

The second creates a VLAN for the switch NetworkSwitch08 by using the \$Session object.

REMARKS

To see the examples, type: `"get-help New-NetworkSwitchVlan -examples"`.

For more information, type: `"get-help New-NetworkSwitchVlan -detailed"`.

For technical information, type: `"get-help New-NetworkSwitchVlan -full"`.

For online help, type: `"get-help New-NetworkSwitchVlan -online"`