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### ***Windows PowerShell Get-Help on Cmdlet 'Enable-NetworkSwitchVlan'***

**PS:\>Get-HELP Enable-NetworkSwitchVlan -Full**

#### **NAME**

Enable-NetworkSwitchVlan

#### **SYNOPSIS**

Enables a VLAN for a network switch.

#### **SYNTAX**

```
Enable-NetworkSwitchVlan -CimSession <CimSession> [-Confirm] -InstanceId <String> [-WhatIf]  
[<CommonParameters>]
```

```
Enable-NetworkSwitchVlan -CimSession <CimSession> [-Confirm] -Name <String> [-WhatIf] [<CommonParameters>]
```

```
Enable-NetworkSwitchVlan -CimSession <CimSession> [-Confirm] -VlanID <Int32> [-WhatIf] [<CommonParameters>]
```

#### **DESCRIPTION**

The Enable-NetworkSwitchVlan cmdlet enables a virtual local area network (VLAN) for a network switch.

## PARAMETERS

### -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`.

Required? true  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

### -Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required? false  
Position? named  
Default value False  
Accept pipeline input? False  
Accept wildcard characters? false

### -InstanceId <String>

Specifies the instance ID of a VLAN to remove.

Required? true  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

### -Name <String>

Specifies the name of a VLAN to enable. This ElementName is a friendly name. It is not necessarily unique.

Required? true

Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

#### -VlanID <Int32>

Specifies VLAN ID of the VLAN to enable.

Required? true  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

#### -WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false  
Position? named  
Default value False  
Accept pipeline input? False  
Accept wildcard characters? false

#### <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>).

## INPUTS

None

## OUTPUTS

System.Object

## NOTES

----- Example 1: Enable a VLAN by using an instance ID -----

```
PS C:\>$Session = New-CimSession -ComputerName "NetworkSwitch08"  
PS C:\> Enable-NetworkSwitchVlan -InstanceId "Vlan02" -CimSession $Session
```

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 command enables the VLAN that has the instance ID Vlan02 for the switch NetworkSwitch08 by using the \$Session object.

----- Example 2: Enable a VLAN by using a name -----

```
PS C:\>Enable-NetworkSwitchVlan -CimSession $Session -Name "VLAN22"
```

This command enables the VLAN named VLAN22. The command includes a CimSession , similar to the first example.

----- Example 3: Enable a VLAN by using its ID -----

```
PS C:\>Enable-NetworkSwitchVlan -CimSession $Session -VlanId 74
```

This command enables the VLAN that has the VLAN ID 74. The command includes a CimSession , similar to the first example.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/networkswitchmanager/enable-networkswitchvlan?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/networkswitchmanager/enable-networkswitchvlan?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

[Disable-NetworkSwitchVlan](#)

[Get-NetworkSwitchVlan](#)

[New-NetworkSwitchVlan](#)

[Remove-NetworkSwitchVlan](#)

[Set-NetworkSwitchVlanProperty](#)