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### ***Windows PowerShell Get-Help on Cmdlet 'Set-NetworkSwitchVlanProperty'***

**PS:\>Get-HELP Set-NetworkSwitchVlanProperty -Full**

#### **NAME**

Set-NetworkSwitchVlanProperty

#### **SYNOPSIS**

Modifies properties on a VLAN on a network switch.

#### **SYNTAX**

```
Set-NetworkSwitchVlanProperty -CimSession <CimSession> [-Confirm] -InputObject <CimInstance[]> [-Property <Hashtable>] [-WhatIf] [<CommonParameters>]
```

```
Set-NetworkSwitchVlanProperty -CimSession <CimSession> [-Confirm] [-Property <Hashtable>] -VlanId <Int32[]> [-WhatIf] [<CommonParameters>]
```

#### **DESCRIPTION**

The Set-NetworkSwitchVlanProperty cmdlet modifies settable properties on a virtual local area network (VLAN) on 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

### -InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

Required? true  
Position? named  
Default value None  
Accept pipeline input? True (ByValue)  
Accept wildcard characters? false

### -Property <Hashtable>

Specifies a hash table of name/value pairs. The cmdlet sets the properties that this parameter specifies.

Required? false

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

#### -VlanId <Int32[]>

Specifies an array of VLAN IDs of VLANs to modify.

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

`Microsoft.Management.Infrastructure.CimInstance[]`

You can pipe an array of CimInstance objects that represent VLANs to this cmdlet.

## OUTPUTS

System.Object

## NOTES

----- Example 1: Set properties for a VLAN -----

```
PS C:\>$Session = New-CimSession -ComputerName "NetworkSwitch08"
PS C:\> $VlanName = "Contoso VLAN 07"
PS C:\> $Description = "This VLAN is used to create a virtual Contoso company LAN"
PS C:\> Set-NetworkSwitchVlanProperty -VlanId 12 -Property @{ElementName = $VlanName; Description = $Description} -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 and third commands assign values to the \$VlanName variable and the \$Description variable. These are the values of the key/value pairs.

The final command modifies the properties of the VLAN identified by the VLAN ID 5 to include the name/value pairs specified by the Property parameter. The command

uses standard syntax to create a hash table that contains the name/value pairs. The command operates on the network switch named NetworkSwitch08 by using the \$Session object.

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

Disable-NetworkSwitchVlan

Enable-NetworkSwitchVlan

Get-NetworkSwitchVlan

New-NetworkSwitchVlan

Remove-NetworkSwitchVlan

Set-NetworkSwitchPortProperty