



Windows PowerShell Get-Help on Cmdlet 'Remove-NetworkSwitchVlan'

PS:\>Get-HELP Remove-NetworkSwitchVlan -Full

NAME

Remove-NetworkSwitchVlan

SYNOPSIS

Removes network switch VLANs.

SYNTAX

Remove-NetworkSwitchVlan -CimSession <CimSession> [-Confirm] -InputObject <CimInstance[]> [-WhatIf]
[<CommonParameters>]

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

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

Remove-NetworkSwitchVlan -CimSession <CimSession> [-Confirm] [-VlanId <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Remove-NetworkSwitchVlan cmdlet removes virtual local area networks (VLANs) from 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

-InstanceId <String>

Specifies the instance ID of a VLAN to remove.

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

-Name <String>

Specifies a name for a VLAN to remove. You can use wildcard characters to select multiple VLANs to remove.

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

-VlanId <Int32>

Specifies the ID of a VLAN to remove.

Required?	false
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 correspond to network switch VLANs to this cmdlet.

OUTPUTS

System.Object

NOTES

----- Example 1: Remove a VLAN that has a specified ID -----

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

```
PS C:\> Remove-NetworkSwitchVlan -CimSession $Session -VlanID 2
```

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 removes the VLAN that has a VLAN ID of 2 for the switch NetworkSwitch08 by using the \$Session

object.

----- Example 2: Remove a VLAN for a specified instance ID -----

```
PS C:\>Remove-NetworkSwitchVlan -CimSession $Session -InstanceId "Contoso:NetworkVLAN:Vlan4"
```

This command removes the VLAN for the specified instance ID. The command includes a CimSession , similar to the first example.

Example 3: Remove VLANs that have names that contain a string

```
PS C:\>Remove-NetworkSwitchVlan -CimSession $Session -Name "*Contoso*"
```

This command removes all VLANs that have friendly names that include the string Contoso. The command includes a CimSession , similar to the first example.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/networkswitchmanager/remove-networkswitchvlan?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Disable-NetworkSwitchVlan

Enable-NetworkSwitchVlan

Get-NetworkSwitchVlan

New-NetworkSwitchVlan

Set-NetworkSwitchVlanProperty