



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

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

#### NAME

Set-NetworkSwitchPortProperty

#### SYNOPSIS

Sets the port properties for a network switch.

#### SYNTAX

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

#### DESCRIPTION

The Set-NetworkSwitchPortProperty cmdlet sets the port properties for a network switch. This cmdlet can modify any property. If you run this cmdlet, you must specify

at least one property to change. Otherwise, the command returns an error.

#### 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?	0
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?	2
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?	1
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 to this cmdlet.

#### OUTPUTS

System.Object

#### NOTES

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

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

```
PS C:\> $PortSpeed = 1
```

```
PS C:\> $Description = "Port on management device 02."
```

```
PS C:\> Set-NetworkSwitchPortProperty -CimSession $Session -Property @{Speed = $portSpeed; Description = $Description }
```

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 \$PortSpeed variable and the \$Description variable. These are the values of the key/value pairs.

The final command sets a properties by using the \$Session object. The command uses standard syntax to create a hash table that contains the key/value pairs as the

value of the Property parameter.

## RELATED LINKS

Online

Version:

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

Set-NetworkSwitchVlanProperty