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Windows PowerShell Get-Help on Cmdlet 'Enable-NetworkSwitchEthernetPort'

PS:\>Get-HELP Enable-NetworkSwitchEthernetPort -Full

NAME

Enable-NetworkSwitchEthernetPort

SYNOPSIS

Enables an Ethernet port on a network switch.

SYNTAX

```
Enable-NetworkSwitchEthernetPort -CimSession <CimSession> [-Confirm] -DeviceID <String> [-WhatIf]  
[<CommonParameters>]
```

```
Enable-NetworkSwitchEthernetPort -CimSession <CimSession> [-Confirm] -InputObject <CimInstance[]> [-WhatIf]  
[<CommonParameters>]
```

```
Enable-NetworkSwitchEthernetPort -CimSession <CimSession> [-Confirm] -PortNumber <Int32> [-WhatIf]  
[<CommonParameters>]
```

DESCRIPTION

The Enable-NetworkSwitchEthernetPort cmdlet enables an Ethernet port 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

-DeviceID <String>

Specifies a device ID. This cmdlet enables a port on a device that this parameter specifies.

Required? true

Position? named

Default value None

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

-PortNumber <Int32>

Specifies a port 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

Microsoft.Management.Infrastructure.CimInstance[]

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You can pipe an array of CimInstance objects that correspond to Ethernet ports to this cmdlet.

OUTPUTS

System.Object

NOTES

----- Example 1: Enable a port by using a device ID -----

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

```
PS C:\> Enable-NetworkSwitchEthernetPort -DeviceID "Ethernet17" -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 ports for the device that has the ID Ethernet17 by using the \$Session object.

----- Example 2: Enable a port by using a port number -----

```
PS C:\>Enable-NetworkSwitchEthernetPort -Port 21 -CimSession $Session
```

This command enables port 21. The command includes a CimSession , similar to the first example.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/networkswitchmanager/enable-networkswitchetherport?view=windowsserver2022-ps&wt.mc_id=ps-gethelp		

`Disable-NetworkSwitchEthernetPort`

`Get-NetworkSwitchEthernetPort`