



python



PowerShell

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PowerShell Get-Help on command 'Set-NetworkSwitchEthernetPortIPAddress'

PS C:\Users\wahid> Get-Help Set-NetworkSwitchEthernetPortIPAddress

NAME

Set-NetworkSwitchEthernetPortIPAddress

SYNOPSIS

Sets the IP address on a port on a network switch.

SYNTAX

```
Set-NetworkSwitchEthernetPortIPAddress -CimSession <CimSession> [-Confirm]
-InputObject <CimInstance[]> -IpAddress <String> -SubnetAddress <String>
[-WhatIf] [<CommonParameters>]
```

```
Set-NetworkSwitchEthernetPortIPAddress -CimSession <CimSession> [-Confirm]
-IpAddress <String> -PortNumber <Int32> -SubnetAddress <String> [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Set-NetworkSwitchEthernetPortIPAddress cmdlet sets the IP address of 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``.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-InputObject <CimInstance[]>`

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

`-IpAddress <String>`

Specifies an IP address for the Ethernet port.

`-PortNumber <Int32>`

Specifies a port number. This cmdlet sets the IP address on the port that this parameter specifies.

`-SubnetAddress <String>`

Specifies a subnet mask for the IP address.

`-WhatIf [<SwitchParameter>]`

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

`<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>).

----- Example 1: Assign an IP address to a port -----

```
PS C:\>$Session = New-CimSession -ComputerName "NetworkSwitch08"
PS C:\> Set-NetworkSwitchEthernetPortIPAddress -IpAddress "10.4.10.12"
-PortNumber 21 -SubnetAddress "255.255.255.248" -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 assigns an IP address and subnet address to the specified port by using the \$Session object.

REMARKS

To see the examples, type: `"get-help Set-NetworkSwitchEthernetPortIPAddress -examples"`.

For more information, type: `"get-help Set-NetworkSwitchEthernetPortIPAddress -detailed"`.

For technical information, type: `"get-help Set-NetworkSwitchEthernetPortIPAddress -full"`.

For online help, type: `"get-help Set-NetworkSwitchEthernetPortIPAddress -online"`