



python



PowerShell

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### **PowerShell Get-Help on command 'Set-NetConnectionProfile'**

**PS C:\Users\wahid> Get-Help Set-NetConnectionProfile**

#### NAME

Set-NetConnectionProfile

#### SYNOPSIS

Changes the network category of a connection profile.

#### SYNTAX

```
Set-NetConnectionProfile [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-IPv4Connectivity {Disconnected | NoTraffic | Subnet | LocalNetwork |
Internet}] [-IPv6Connectivity {Disconnected | NoTraffic | Subnet |
LocalNetwork | Internet}] [-InterfaceAlias <String[]>] [-InterfaceIndex
<UInt32[]>] [-Name <String[]>] [-NetworkCategory {Public | Private |
DomainAuthenticated}] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

```
Set-NetConnectionProfile [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-InputObject <CimInstance[]> [-NetworkCategory {Public | Private |
DomainAuthenticated}] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

## DESCRIPTION

The Set-NetConnectionProfile cmdlet changes the network category setting of a connection profile. A connection profile represents a network connection.

## PARAMETERS

`-AsJob [<SwitchParameter>]`

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job completes. To manage the job, use the ``*-Job`` cmdlets. To get the job results, use the Receive-Job

(<https://go.microsoft.com/fwlink/?LinkID=113372>)cmdlet.

For more information about Windows PowerShell background jobs, see `about_Jobs` (<https://go.microsoft.com/fwlink/?LinkID=113251>).

`-CimSession <CimSession[]>`

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession (/powershell/module/cimcmdlets/new-cimsession)` or

`[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet.`

The default is the current session on the local computer.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-IPv4Connectivity <IPv4Connectivity[]>`

Specifies an array of IPv4 protocol connectivity status values. The acceptable values for this parameter are:

- Disconnected

- NoTraffic

- Subnet

- LocalNetwork

- Internet

-IPv6Connectivity <IPv6Connectivity[]>

Specifies an array of IPv6 protocol connectivity status values. The acceptable values for this parameter are:

- Disconnected

- NoTraffic

- Subnet

- LocalNetwork

- Internet

-InputObject <CimInstance[]>

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

-InterfaceAlias <String[]>

Specifies an array of names of network adapters.

-InterfaceIndex <UInt32[]>

Specifies an array of numerical index values associated with the network adapters.

-Name <String[]>

Specifies an array of names of networks with which the connection is currently established.

-NetworkCategory <NetworkCategory>

Specifies an array of category types of a network. You cannot set the DomainAuthenticated type by using this cmdlet. The server automatically sets the value of DomainAuthenticated when the network is authenticated to a domain controller. The acceptable values for this parameter are:

- Public - Networks in a public place such as an airport or coffee shop. Your PC is hidden from other devices on the network and can't be used for printer and file sharing. - Private - Networks at home or work, where you know and trust the people and devices on the network. Your PC is discoverable and can be used for printer and file sharing if you set it up. - DomainAuthenticated - Networks at a workplace that are joined to a domain.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell® calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-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: Change the network category of a connection profile

```
PS C:\> Set-NetConnectionProfile -InterfaceAlias Ethernet1 -NetworkCategory  
"Public"
```

## REMARKS

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

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

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

For online help, type: "get-help Set-NetConnectionProfile -online"