



Windows PowerShell Get-Help on Cmdlet 'Set-NetConnectionProfile'

PS:\>Get-HELP Set-NetConnectionProfile -Full

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>).

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-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.

Required?	false
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

-IPv4Connectivity <IPv4Connectivity[]>

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

- Disconnected

- NoTraffic

- Subnet

- LocalNetwork

- Internet

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IPv6Connectivity <IPv6Connectivity[]>

Specifies an array of IPv6 protocol connectivity status values. The acceptable values for this parameter are: *Page 3/7*

- Disconnected

- NoTraffic

- Subnet

- LocalNetwork

- Internet

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <CimInstance[]>

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

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-InterfaceAlias <String[]>

Specifies an array of names of network adapters.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-InterfaceIndex <UInt32[]>

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

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <String[]>

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

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

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

-PassThru [<SwitchParameter>]

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

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-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.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

NOTES

Example 1: Change the network category of a connection profile

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

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/netconnectionprofile/set-netconnectionprofile?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-NetConnectionProfile