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PowerShell Get-Help on command 'Get-NetConnectionProfile'

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

NAME

Get-NetConnectionProfile

SYNOPSIS

Gets a connection profile.

SYNTAX

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

DESCRIPTION

The Get-NetConnectionProfile cmdlet gets a connection profile associated with one or more physical network adapters. 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 N New-CimSession (https://go.microsoft.com/fwlink/p/?LinkId=227967) or [Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet. The default is the current session on the local computer.

-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

-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. 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.

-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.

<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: Get a connection profile ----------

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

This first part of this command gets the connection profile for the network adapter named Ethernet1. The command passes the results to the Set-NetConnectionProfile cmdlet by using the pipe operator. The second part of the command changes the value of the network category for the connection profile.

REMARKS

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

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

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

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