



python



PowerShell

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PowerShell Get-Help on command 'Set-NetAdapterAdvancedProperty'

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

NAME

Set-NetAdapterAdvancedProperty

SYNOPSIS

Sets the advanced properties of a network adapter.

SYNTAX

```
Set-NetAdapterAdvancedProperty [[-Name] <String[]>] [-AllProperties] [-AsJob]
[-CimSession <CimSession[]>] [-Confirm] [-DisplayName <String[]>]
[-DisplayValue <String>] [-IncludeHidden] [-NoRestart] [-PassThru]
[-RegistryKeyword <String[]>] [-RegistryValue <String[]>] [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]
```

```
Set-NetAdapterAdvancedProperty [-AllProperties] [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-DisplayName <String[]>] [-DisplayValue <String>]
[-IncludeHidden] -InterfaceDescription <String[]> [-NoRestart] [-PassThru]
[-RegistryKeyword <String[]>] [-RegistryValue <String[]>] [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]
```

```
Set-NetAdapterAdvancedProperty [-AsJob] [-CimSession <CimSession[]>]
```

`[-Confirm] [-DisplayValue <String>] -InputObject <CimInstance[]> [-NoRestart]`
`[-PassThru] [-RegistryValue <String[]>] [-ThrottleLimit <Int32>] [-WhatIf]`
`[<CommonParameters>]`

DESCRIPTION

The `Set-NetAdapterAdvancedProperty` cmdlet sets the advanced properties of a network adapter. Changes are made directly into the registry for the computer. Many of the common advanced properties can be controlled through a cmdlet, such as the `Set-NetAdapterRss` or `Set-NetAdapterLso` cmdlets.

PARAMETERS

`-AllProperties [<SwitchParameter>]`

Indicates that the cmdlet gets all the advanced properties of a network adapter. If this parameter is not specified, then only advanced properties that are specified in the `DisplayName` parameter are returned.

`-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` (<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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-DisplayName <String[]>

Specifies the display name of the advanced property as an array. This parameter is normally used in conjunction with the DisplayValue parameter.

-DisplayValue <String>

Specifies the new value of the advanced property named with the DisplayName parameter.

-IncludeHidden [<SwitchParameter>]

Indicates that the cmdlet includes both visible and hidden network adapters in the operation. By default only visible network adapters are included. If a wildcard character is used in identifying a network adapter and this parameter has been specified, then the wildcard string is matched against both hidden and visible network adapters.

-InputObject <CimInstance[]>

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

-InterfaceDescription <String[]>

Specifies an array of network adapter interface descriptions. For a physical network adapter this is typically the name of the vendor of the network adapter followed by a part number and description, such as `Contoso 12345 Gigabit Network Device`.

-Name <String[]>

Specifies an array of network adapter names.

-NoRestart [<SwitchParameter>]

Indicates that the cmdlet does not restart the network adapter after completing the operation. Many advanced properties require restarting the network adapter before the new settings take effect.

-PassThru [<SwitchParameter>]

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

-RegistryKeyword <String[]>

Specifies the name of the registry keyword as an array that this cmdlet sets. This parameter is normally used in conjunction with the RegistryValue parameter.

-RegistryValue <String[]>

Specifies the value of the advanced property as an array named in the RegistryKeyword parameter.

-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: Set the value of an advanced property on the specified network adapter

```
PS C:\> Set-NetAdapterAdvancedProperty -Name "MyAdapter" -DisplayName "Flow Control" -DisplayValue "Rx and Tx Enabled"
```

This command sets the value of the Flow Control advanced property on the network adapter named MyAdapter.

Example 2: Set the value of an registry value on the specified network adapter

```
PS C:\> Set-NetAdapterAdvancedProperty -Name "MyAdapter" -RegistryKeyword "*Flo*rol" -RegistryValue 0
```

This command sets the value of the Flow Control registry value on the network adapter named MyAdapter using wildcard characters in the keyword name.

REMARKS

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

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

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

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