



python



PowerShell

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PowerShell Get-Help on command 'Get-NetAdapterPowerManagement'

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

NAME

Get-NetAdapterPowerManagement

SYNOPSIS

Gets the power management features of a network adapter.

SYNTAX

Get-NetAdapterPowerManagement [-AsJob] [-CimSession <CimSession[]>]

[-IncludeHidden] [-InterfaceDescription <String[]>] [-ThrottleLimit <Int32>]

[<CommonParameters>]

Get-NetAdapterPowerManagement [[-Name] <String[]>] [-AsJob] [-CimSession

<CimSession[]>] [-IncludeHidden] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Get-NetAdapterPowerManagement cmdlet gets the state of the power management features of a Power Management capable network adapter. You need to run this cmdlet in an elevated (Run as Administrator) Windows PowerShell session.

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 (<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.

-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.

-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.

-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) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

- Example 1: Get all power management capable network adapters -

```
PS C:\> Get-NetAdapterPowerManagement -Name "*"
```

This command gets all power management capable network adapters.

Example 2: Get all power management properties for the specified network adapter

```
PS C:\> Get-NetAdapterPowerManagement -Name "Ethernet"
```

This command gets the power management properties of the network adapter named Ethernet.

Example 3: Get all power management properties for the specified network adapter and format the list

```
PS C:\> Get-NetAdapterPowerManagement -Name "Ethernet" | Format-List -Property
```

This command displays all power management properties of the network adapter named Ethernet.

REMARKS

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

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

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

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