



Windows PowerShell Get-Help on Cmdlet 'Get-NetEventProvider'

PS:\>Get-HELP Get-NetEventProvider -Full

NAME

Get-NetEventProvider

SYNOPSIS

Displays the ETW providers that are present on the computer or associated with an event and packet capture session.

SYNTAX

```
Get-NetEventProvider [-AsJob] [-AssociatedCaptureTarget <CimInstance>] [-CimSession <CimSession[]>]
[-ShowInstalled] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-NetEventProvider [-AsJob] [-AssociatedEventSession <CimInstance>] [-CimSession <CimSession[]>]
[-ShowInstalled] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Get-NetEventProvider [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-ShowInstalled] [-ThrottleLimit
<Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-NetEventProvider cmdlet displays the Event Tracing for Windows (ETW) providers that are present on the

computer, or associated with an event and packet capture session.

PARAMETERS

-AsJob [<SwitchParameter>]

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

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-AssociatedCaptureTarget <CimInstance>

Specifies the associated capture target as a CIM object. The capture target is one of the three following objects:

- MSFT_NetEventNetworkAdapter - MSFT_NetEventVmNetworkAdapter - MSFT_NetEventVmSwitch To obtain a capture target, use the Get-NetEventNetworkAdapter cmdlet, the

Get-NetEventVmNetworkAdapter cmdlet, or the Get-NetEventVmSwitch cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-AssociatedEventSession <CimInstance>

Specifies the associated network event session, as a CIM object. To obtain the network event session, use the Get-NetEventSession cmdlet.

Required? false

Position? named

Default value None
Accept pipeline input? True (ByValue)
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

(<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.

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

-Name <String[]>

Specifies an array of names that identify ETW providers.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ShowInstalled [<SwitchParameter>]

Indicates that the cmdlet displays all ETW providers that are installed on the computer.

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

<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: Display ETW providers -----

This command displays the ETW providers on the computer.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/neteventpacketcapture/get-neteventprovider?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Add-NetEventProvider

Remove-NetEventProvider

Set-NetEventProvider

Get-NetEventNetworkAdapter

Get-NetEventVmNetworkAdapter

Get-NetEventVmSwitch

Get-NetEventSession