



### ***Windows PowerShell Get-Help on Cmdlet 'Get-NetEventPacketCaptureProvider'***

***PS:\>Get-HELP Get-NetEventPacketCaptureProvider -Full***

#### NAME

Get-NetEventPacketCaptureProvider

#### SYNOPSIS

Displays a Remote Packet Capture provider.

#### SYNTAX

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

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

```
Get-NetEventPacketCaptureProvider [[-SessionName] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

#### DESCRIPTION

The Get-NetEventPacketCaptureProvider cmdlet displays a Remote Packet Capture provider.

## 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=227967)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

**-SessionName <String[]>**

Specifies an array of names of sessions associated with packet capture providers.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

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 a packet capture provider -----

```
PS C:\>Get-NetEventPacketCaptureProvider -SessionName "Session01"
```

This command displays a packet capture provider for a session named Session01.

#### RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/neteventpacketcapture/get-neteventpacketcaptureprovider?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/neteventpacketcapture/get-neteventpacketcaptureprovider?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Add-NetEventPacketCaptureProvider

Remove-NetEventPacketCaptureProvider

Set-NetEventPacketCaptureProvider

Get-NetEventNetworkAdapter

Get-NetEventVmNetworkAdapter

Get-NetEventVmSwitch

Get-NetEventSession