



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

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

NAME

Get-NetEventSession

SYNOPSIS

Gets network event sessions.

SYNTAX

```
Get-NetEventSession [-AsJob] [-AssociatedEventProvider < CimInstance >] [-CimSession < CimSession[] >] [-ThrottleLimit < Int32 >] [< CommonParameters >]
```

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

DESCRIPTION

The Get-NetEventSession cmdlet gets network event sessions. A session controls how the computer logs events and, optionally, network traffic, or packets.

Use this cmdlet to display configuration settings for the session. The configuration settings include the following

- Whether the session writes logs to a local file or sends events to live display.

- For local file logging, the maximum size and location of the .etl file.

- The maximum number of buffers and size of a buffer.

You can also use this cmdlet to see whether the session is running, such as after you run the Start-NetEventSession cmdlet.

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

-AssociatedEventProvider < CimInstance>

Specifies the associated network event provider as a CIM object. To obtain the network event provider, use the Get-NetEventProvider 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 of sessions to get.

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>).

INPUTS

OUTPUTS

NOTES

----- Example 1: Display settings for a session -----

```
PS C:\>Get-NetEventSession -Name "Session38"
```

This command displays the settings of the session named Session38.

RELATED LINKS

Online

Version:

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

New-NetEventSession

Remove-NetEventSession

Set-NetEventSession

Start-NetEventSession

Stop-NetEventSession

Get-NetEventProvider

