



python



PowerShell

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PowerShell Get-Help on command 'Get-EtwTraceSession'

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

NAME

Get-EtwTraceSession

SYNOPSIS

Enumerates ETW sessions on the system.

SYNTAX

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

DESCRIPTION

The Get-EtwTraceSession cmdlet enumerates Event Tracing for Windows (ETW) sessions on the system.

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.

`-Name <String[]>`

Specifies the name of the ETW session.

`-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 PowerShellr 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>).

----- Example 1: Get a trace session -----

```
PS C:\> Get-EtwTraceSession -Name "NetCfgTrace"
```

This command gets the ETW trace session named NetCfgTrace.

REMARKS

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

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

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

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