



python



PowerShell

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### **PowerShell Get-Help on command 'Send-EtwTraceSession'**

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

#### NAME

Send-EtwTraceSession

#### SYNOPSIS

Sends the log file of the specified ETW session to a destination.

#### SYNTAX

```
Send-EtwTraceSession [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-DeleteAfterSend] -DestinationFolder <String> -InputObject <CimInstance[]>
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Send-EtwTraceSession [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] [-DeleteAfterSend] -DestinationFolder <String> [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]
```

#### DESCRIPTION

The Send-EtwTraceSession cmdlet sends the log file of the specified Event Tracing for Windows (ETW) session to a destination.

For file mode ETW sessions, the session will be updated to write to a new file and the previous file will be copied to the specified destination.

For buffering mode ETW sessions, the session will be flushed to the specified destination.

## 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.

### -Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

### -DeleteAfterSend [<SwitchParameter>]

Deletes the original file that the ETW session was writing to after the

file has been copied to the destination.

**-DestinationFolder <String>**

Specifies the destination for the output .etl file.

If the ETW session is a buffering mode session, this parameter must be a full file path rather than a folder.

**-InputObject <CimInstance[]>**

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

**-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.

**-WhatIf [<SwitchParameter>]**

Shows what would happen if the cmdlet runs. The cmdlet is not run.

**<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).

```
PS C:\> Send-EtwTraceSession -Name "WFP-IPsec Trace" -DestinationFolder  
"\\server17\traces\" -DeleteExistingFileAfterSend
```

This command sends an ETW trace session named WFP-IPsec Trace to the destination folder \\server17\traces\. The command deletes the local copy of the original trace after it is successfully copied.

#### REMARKS

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

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

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

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