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PowerShell Get-Help on command 'Get-NetEventProvider'

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

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.

-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.

-AssociatedEventSession <CimInstance>

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

-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 an array of names that identify ETW providers.

-ShowInstalled [<SwitchParameter>]

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

    the computer.

-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: Display ETW providers ---------------

PS C:\>Get-NetEventProvider

This command displays the ETW providers on the computer.

REMARKS

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

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

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

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