Windows PowerShell Get-Help on Cmdlet 'Add-NetEventVmNetworkAdapter'

PS:\>Get-HELP Add-NetEventVmNetworkAdapter -Full

NAME

   Add-NetEventVmNetworkAdapter

SYNOPSIS

   Adds a virtual network adapter as a filter on the provider.

SYNTAX

   Add-NetEventVmNetworkAdapter [-Name] <String> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

   The Add-NetEventVmNetworkAdapter cmdlet adds a network adapter of a virtual machine as a filter on a Remote Packet Capture provider. Specify the name of the virtual

   network adapter. The protocol stack uses multiple layers to transmit, receive, and process network traffic as packets. The provider logs network traffic as Event

   Tracing for Windows (ETW) events.

   Use this cmdlet multiple times to add multiple adapters. To see which virtual adapters belong to the provider, use the

Get-NetEventVmNetworkAdapter 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

  -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

  -Confirm [<SwitchParameter>]

    Prompts you for confirmation before running the cmdlet.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

Accept wildcard characters? false

-Name <String>

Specifies a name for the virtual network adapter.

Required?   true

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 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.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

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

Required?   false

Position?   named

Default value   False

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: Add a virtual network adapter to the provider ---

   PS C:\>New-NetEventSession -Name "NESession01"

   PS C:\> Add-NetEventPacketCaptureProvider -SessionName "NESession01"

   PS C:\> Add-NetEventVMNetworkAdapter -Name "LargeGuid"

  This example adds a virtual network adapter as a filter on the Remote Packet Capture provider for a network session. After you complete these commands to configure

   the network session, you can start and stop the event and packet capture for the network session by using the Start-NetEventSession and Stop-NetEventSession cmdlets.

  The first command uses the New-NetEventSession cmdlet to create a network session named NESession01.

  The second command uses the Add-NetEventPacketCaptureProvider cmdlet to add a Remote Packet Capture provider for the session named NESession01.

The third command adds a virtual network adapter named LargeGuid as a filter on the Remote Packet Capture provider.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/neteventpacketcapture/add-neteventvmnetworkadapter?view=windowsserver 2022-ps&wt.mc_id=ps-gethelp

Get-NetEventVmNetworkAdapter

Remove-NetEventVmNetworkAdapter