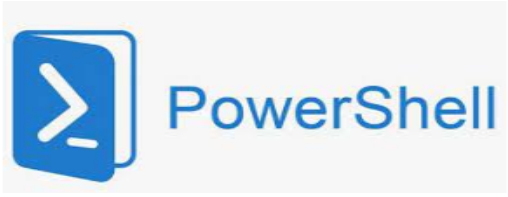

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PowerShell Get-Help on command 'Get-NetEventVmNetworkAdapter'

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

NAME

Get-NetEventVmNetworkAdapter

SYNOPSIS

Gets virtual network adapters from a provider.

SYNTAX

Get-NetEventVmNetworkAdapter [-AsJob] [-AssociatedPacketCaptureProvider <CimInstance>] [-CimSession <CimSession[]>] [-ShowInstalled] [-ThrottleLimit <Int32>] [<CommonParameters>]

Get-NetEventVmNetworkAdapter [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-ShowInstalled] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Get-NetEventVmNetworkAdapter cmdlet gets network adapters of a virtual machine from a Remote Packet Capture provider. Specify the names of the virtual network adapters.

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.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-AssociatedPacketCaptureProvider <CimInstance>

Specifies the associated packet capture provider as a CIM object. To obtain the packet capture provider, use the Get-NetEventPacketCaptureProvider 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 of virtual network adapters.

-ShowInstalled [<SwitchParameter>]

Indicates that the cmdlet displays all network adapters 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: Get a virtual network adapter from the provider --

```
PS C:\>New-NetEventSession -Name "NESession01"
PS C:\> Add-NetEventPacketCaptureProvider -SessionName "NESession01"
PS C:\> Add-NetEventVMNetworkAdapter -Name "LargeGuid"
PS C:\> Add-NetEventVMNetworkAdapter -Name "LargeGuid02"
PS C:\> Get-NetEventVMNetworkAdapter
```

This example gets a virtual network adapter from 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 uses the Add-NetEventVmNetworkAdapter cmdlet to add the
virtual network adapter named LargeGuid as a filter on the Remote Packet
Capture provider.

The fourth command uses the Add-NetEventVmNetworkAdapter cmdlet to add the virtual network adapter named LargeGuid02 as a filter on the Remote Packet Capture provider.

The fifth command gets the virtual network adapters from the Remote Packet Capture provider.

REMARKS

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

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

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

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