Windows PowerShell Get-Help on Cmdlet 'Remove-NetEventVmSwitch'

PS:\>Get-HELP Remove-NetEventVmSwitch -Full

NAME

Remove-NetEventVmSwitch

SYNOPSIS

Removes Hyper-V virtual switches from a provider.

SYNTAX

Remove-NetEventVmSwitch [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]

[<CommonParameters>]

Remove-NetEventVmSwitch [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Remove-NetEventVmSwitch cmdlet removes Hyper-V virtual switches and the settings for the virtual switches from a Remote Packet Capture provider. You can specify

the names of Hyper-V virtual switches, or use the InputObject parameter to specify a NetEventVmSwitch object to

remove. To obtain a NetEventVmSwitch object, use the

Get-NetEventVmSwitch cmdlet. When you remove a Hyper-V virtual switch, the Remote Packet Capture provider no longer uses the Hyper-V virtual switch to capture event

packets.

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.

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

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <String[]>

Specifies an array of names of Hyper-V virtual switches to remove.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required? false

Position? named

Default value False

Accept pipeline input? False

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: Remove a Hyper-V virtual switch from a provider --

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

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

PS C:\> Add-NetEventVMSwitch -Name "Network Adapter 2 - Virtual Switch"

PS C:\> Remove-NetEventVMSwitch -Name "Network Adapter 2 - Virtual Switch"

This example removes a Hyper-V virtual switch from the Remote Packet Capture for a network session.

The first command uses New-NetEventSession the creates the 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-NetEventVmSwitch cmdlet to add the Hyper-V virtual switch named Network Adapter 2 - Virtual Switch as a filter on the Remote Packet

Capture provider.

The fourth command removes the Hyper-V virtual switch named Network Adapter 2 - Virtual Switch from the provider.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/neteventpacketcapture/remove-neteventvmswitch?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-NetEventVmSwitch