Windows PowerShell Get-Help on Cmdlet 'Get-NetAdapterDataPathConfiguration'

PS:\>Get-HELP Get-NetAdapterDataPathConfiguration -Full

NAME

  Get-NetAdapterDataPathConfiguration

SYNOPSIS

  Gets the name of the network adapter, profile, and the profile source.

SYNTAX

   Get-NetAdapterDataPathConfiguration [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] -InterfaceDescription <String[]> [-Profile <String[]>] [-ProfileSource

  <UInt32[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]

   Get-NetAdapterDataPathConfiguration [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] [-Profile <String[]>] [-ProfileSource <UInt32[]>]

  [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

  The Get-NetAdapterDataPathConfiguration cmdlet gets the name of the network adapter, profile, and the profile source.

The profile describes the datapath behavior of

NDIS Poll Mode. NDIS Poll Mode is an operating system controlled polling execution model that drives the network interface datapath.

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).

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

-IncludeHidden [<SwitchParameter>]

Indicates that this cmdlet includes both visible and hidden network adapters. By default only visible network adapters are included. If a wildcard character is

used in identifying a network adapter and this parameter has been specified, then the wildcard string is matched against both hidden and visible network adapters.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-InterfaceDescription <String[]>

Specifies an array of network adapter interface descriptions. For a physical network adapter this is typically the name of the vendor of the network adapter

followed by a part number and description, such as `Contoso 12345 Gigabit Network Device`.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Name <String[]>

Specifies an array of network adapter names.

Required?   false

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Profile <String[]>

Name of one of the four built-in profiles for the operating system.

The profile describes the datapath behavior of NDIS Poll Mode. NDIS Poll Mode is an operating system controlled polling execution model that drives the network

interface datapath.

Allowed values for this parameter are: Legacy mode , Balanced , Passive , and Dispatch .

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProfileSource <UInt32[]>

Indicates the source of the profile configuration source. Values include BuiltIn and Custom .

Required?   false

Position?   named

Default value   None

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 PowerShell 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

　　<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

　　System.String[]

OUTPUTS

　　Microsoft.Management.Infrastructure.CimInstance

NOTES

　　--- Example 1: Get datapath information for network adapter ---

　　PS> Get-NetAdapterDataPathConfiguration -Name "Ethernet"

　　Gets the datapath profile and profile source information for the network adapter named Ethernet .

RELATED LINKS

s&wt.mc_id=ps-gethelp