Full credit is given to all the above companies including the Operating System that this PDF file was generated!

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

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

NAME

Set-NetAdapterDataPathConfiguration

SYNOPSIS

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

SYNTAX

Set-NetAdapterDataPathConfiguration [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] [-PassThru] [-Profile <String>] [-ThrottleLimit <Int32>]

[-Confirm] [-WhatIf] [<CommonParameters>]

Set-NetAdapterDataPathConfiguration [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] -InterfaceDescription <String[]> [-PassThru] [-Profile <String>]

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

Set-NetAdapterDataPathConfiguration [-AsJob] [-CimSession <CimSession[]>] -InputObject <CimInstance[]> [-PassThru] [-Profile <String>] [-ThrottleLimit <Int32>]

[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-NetAdapterDataPathConfiguration cmdlet sets 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. Currently, Windows supports four

built-in profiles for server and two built-in profiles for client. The built-in profiles can only be set using PowerShell.

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

-InputObject <CimInstance[]>

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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? 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

-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: - Windows Server - Dispatch (default), Balanced , Legacy mode , and Passive . - Windows client - Balanced (default)

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

-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

-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

System.String[]

Microsoft.Management.Infrastructure.CimInstance[]

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

NOTES

------- Example 1: Set the profile of a network adapter -------

PS> Set-NetAdapterDataPathConfiguration -Name "Ethernet" -Profile Legacy

Sets the profile to Legacy for the network adapter named Ethernet .

RELATED LINKS

Online Version:

https://learn.microsoft.com/powershell/module/netadapter/set-netadapterdatapathconfiguration?view=windowsserver2022-ps&wt.mc_id=ps-gethelp