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PowerShell Get-Help on command 'Disable-NetAdapterRsc'

PS C:\Users\wahid> Get-Help Disable-NetAdapterRsc

NAME

Disable-NetAdapterRsc

SYNOPSIS

Disables RSC on a network adapter.

SYNTAX

Disable-NetAdapterRsc [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] [-IPv4] [-IPv6] [-IncludeHidden] [-NoRestart] [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Disable-NetAdapterRsc [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-IPv4]
[-IPv6] [-IncludeHidden] -InterfaceDescription <String[]> [-NoRestart]
[-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Disable-NetAdapterRsc [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-IPv4]
[-IPv6] -InputObject <CimInstance[]> [-NoRestart] [-PassThru] [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Disable-NetAdapterRsc cmdlet disables receive segment coalescing (RSC) on a network adapter. If IPv4 or IPv6 are not specified, then both are disabled.
RSC takes multiple packets that were received within the same interrupt period and combines the packets into a single large package to be processed by the network stack. This reduces the processing overhead for incoming packets and reduces the number of processor cycles that are used, leading to better scalability.

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 PowerShellr background jobs, see about_Jobs (https://go.microsoft.com/fwlink/?LinkID=113251).

-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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-IPv4 [<SwitchParameter>]

Indicates that this cmdlet affects IPv4 traffic.

-IPv6 [<SwitchParameter>]

Indicates that this cmdlet affects IPv6 traffic.

-IncludeHidden [<SwitchParameter>]

Indicates that the cmdlet includes both visible and hidden network adapters in the operation. 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.

-InputObject <CimInstance[]>

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

-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`.

-Name <String[]>

Specifies an array of network adapter names.

-NoRestart [<SwitchParameter>]

Indicates that the cmdlet does not restart the network adapter after completing the operation. Many advanced properties require restarting the network adapter before the new settings take effect.

-PassThru [<SwitchParameter>]

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

-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.

-WhatIf [<SwitchParameter>]

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

<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: Disable RSC for IPv6 on the specified network adapter

PS C:\> Disable-NetAdapterRsc -Name "MyAdapter" -IPv6

This example disables RSC for IPv6 on the network adapter named MyAdapter and restarts the network adapter.

REMARKS

To see the examples, type: "get-help Disable-NetAdapterRsc -examples".
For more information, type: "get-help Disable-NetAdapterRsc -detailed".
For technical information, type: "get-help Disable-NetAdapterRsc -full".
For online help, type: "get-help Disable-NetAdapterRsc -online"