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***PowerShell Get-Help on command 'Set-NetAdapterLso'***

***PS C:\Users\wahid> Get-Help Set-NetAdapterLso***

NAME

Set-NetAdapterLso

SYNOPSIS

Sets the LSO properties of a network adapter.

SYNTAX

Set-NetAdapterLso [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] [-IPv4Enabled <Boolean>] [-IPv6Enabled <Boolean>] [-IncludeHidden]
[-NoRestart] [-PassThru] [-ThrottleLimit <Int32>] [-V1IPv4Enabled <Boolean>]
[-WhatIf] [<CommonParameters>]

Set-NetAdapterLso [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-IPv4Enabled <Boolean>] [-IPv6Enabled <Boolean>] [-IncludeHidden]
-InterfaceDescription <String[]> [-NoRestart] [-PassThru] [-ThrottleLimit
<Int32>] [-V1IPv4Enabled <Boolean>] [-WhatIf] [<CommonParameters>]

Set-NetAdapterLso [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-IPv4Enabled <Boolean>] [-IPv6Enabled <Boolean>] -InputObject <CimInstance[]>
[-NoRestart] [-PassThru] [-ThrottleLimit <Int32>] [-V1IPv4Enabled <Boolean>]

[-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-NetAdapterLso cmdlet manages the large send offload property which can improve send side performance by having the network adapter distribute a large send request into smaller sizes that can be sent out by the network adapter. Without this setting Windows Serverr 2012 and later would have to perform this work. The offload reduces the load on the processor, so that the processor can to do more application level work. If only setting the enabled state of LSO, then use the Enable-NetAdapterLso or Disable-NetAdapterLso cmdlets.

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.

-IPv4Enabled <Boolean>

Indicates whether LSO for IPv4 traffic is enabled.

-IPv6Enabled <Boolean>

Indicates whether LSO for IPv6 traffic is enabled.

-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.

-V1IPv4Enabled <Boolean>

Indicates whether LSO for V1IPv4 on the network adapter is enabled.

-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: Enable LSO for IPv4 and disable LSO for IPv6 on the specified network adapter

PS C:\> Set-NetAdapterLso -Name "MyAdapter" -IPv4Enabled $True -IPv6Enabled $False

This command enables LSO for IPv4 and disables LSO for IPv6 on the network adapter named MyAdapter.

REMARKS

To see the examples, type: "get-help Set-NetAdapterLso -examples".

For more information, type: "get-help Set-NetAdapterLso -detailed".

For technical information, type: "get-help Set-NetAdapterLso -full".

For online help, type: "get-help Set-NetAdapterLso -online"