



python



PowerShell

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PowerShell Get-Help on command 'Set-NetUDPSetting'

PS C:\Users\wahid> Get-Help Set-NetUDPSetting

NAME

Set-NetUDPSetting

SYNOPSIS

Modifies UDP settings.

SYNTAX

```
Set-NetUDPSetting [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-DynamicPortRangeNumberOfPorts <UInt16>] [-DynamicPortRangeStartPort
<UInt16>] [-InputObject <CimInstance[]>] [-PassThru] [-ThrottleLimit <Int32>]
[-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-NetUDPSetting cmdlet modifies UDP settings of the IP interface. Use this cmdlet to change the starting port and the number of ports for the dynamic port range. You can use the InputObject parameter to specify a NetUDPSetting object for the input to this cmdlet. Use the Get-NetUDPSetting to get a NetUDPSetting object.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-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.

-DynamicPortRangeNumberOfPorts <UInt16>

Specifies the number of ports for the dynamic port range that starts from the port that you specify for the `DynamicPortRangeStartPort` parameter. The cmdlet modifies the number of ports to the value you specify.

-DynamicPortRangeStartPort <UInt16>

Specifies the starting port for the dynamic port range. The cmdlet modifies the value for starting port to the value you specify. This parameter sets the starting port to send and receive UDP traffic. The acceptable values for this parameter are: 1 through 65535.

-InputObject <CimInstance[]>

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

-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 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.

-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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

----- Example 1: Modify the dynamic port range for UDP -----

```
PS C:\>Set-NetUDPSetting -DynamicPortRangeStartPort 49152  
-DynamicPortRangeNumberOfPorts 1700
```

This command modifies the port range from which applications can send and receive UDP traffic.

REMARKS

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

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

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

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