



python



PowerShell

FPDF Library
PDF generator

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

PowerShell Get-Help on command 'Set-NetNatGlobal'

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

NAME

Set-NetNatGlobal

SYNOPSIS

Modifies global settings for NAT instances on a computer.

SYNTAX

```
Set-NetNatGlobal [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
[-InputObject <CimInstance[]>] -InterRoutingDomainHairpinningMode {Local |
External} [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-NetNatGlobal cmdlet modifies global settings for all instances of network address translation (NAT) on a computer.

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>).

`-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.

`-InputObject <CimInstance[]>`

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

`-InterRoutingDomainHairpinningMode <InterRoutingDomainHairpinningMode>`

Specifies how NAT handles traffic received from one tenant, destined for another tenant in the same subnet, and the destination address is the external address of the second tenant. The acceptable values for this parameter are:

- Local.

- External.

If you specify Local, NAT routes the traffic within the subnet. If you specify External, NAT routes the traffic through the external interface.

By default, NAT uses external mode.

-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: Change a global setting -----

```
PS C:\> Set-NetNatGlobal -InterRoutingDomainHairpinningMode Local
```

This command changes the global setting of all network address translation instances.

REMARKS

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

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

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

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