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

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

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).

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

-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

-InputObject <CimInstance[]>

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

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-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.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

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

-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.

Required?   false

Position?   named

Default value   None

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

   None

OUTPUTS

   Microsoft.Management.Infrastructure.CimInstance#ROOT/StandardCimv2/MSFT_NetNatGlobal

NOTES

   -------------- Example 1: Change a global setting --------------

   PS C:\> Set-NetNatGlobal -InterRoutingDomainHairpinningMode Local

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

RELATED LINKS

                      Online   Version:

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

   Get-NetNatGlobal