



python



PowerShell

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PowerShell Get-Help on command 'Remove-NetNat'

PS C:\Users\wahid> Get-Help Remove-NetNat

NAME

Remove-NetNat

SYNOPSIS

Removes NAT objects.

SYNTAX

```
Remove-NetNat [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject  
<CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]  
[<CommonParameters>]
```

```
Remove-NetNat [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>]  
[-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Remove-NetNat cmdlet removes Network Address Translation (NAT) objects. NAT modifies IP address and port information in packet headers. When you remove a NAT object, NAT no longer does that translation. NAT drops any existing connections created through that NAT object.

Specify a value for the Name parameter to remove specific NAT objects. To remove all the NAT objects from a computer, do not include the Name parameter. You can use the Get-NetNat cmdlet to specify NAT objects to delete.

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.

-Name <String[]>

Specifies an array of names of NAT objects.

-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: Remove all NAT objects on a computer -----

```
PS C:\> Remove-NetNat
```

This command removes all the NAT objects on the current computer.

REMARKS

To see the examples, type: "get-help Remove-NetNat -examples".

For more information, type: "get-help Remove-NetNat -detailed".

For technical information, type: "get-help Remove-NetNat -full".

For online help, type: "get-help Remove-NetNat -online"