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### ***Windows PowerShell Get-Help on Cmdlet 'Remove-DnsClientNrptRule'***

**PS:\>Get-HELP Remove-DnsClientNrptRule -Full**

#### **NAME**

Remove-DnsClientNrptRule

#### **SYNOPSIS**

Removes the specified DNS client NRPT rule.

#### **SYNTAX**

```
Remove-DnsClientNrptRule [-Name] <String> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-Force] [-GpoName <String>] [-PassThru] [-Server <String>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

#### **DESCRIPTION**

The Remove-DnsClientNrptRule cmdlet removes the specified DNS client Name Resolution Policy Table (NRPT) rule.

#### **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

#### -Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

Required?                false

Position?                named

Default value            False

Accept pipeline input?   False

Accept wildcard characters? false

#### -GpoName <String>

Specifies the name of the Group Policy Object (GPO).

- If this parameter and the Server parameter are specified, then the NRPT rule is added in the GPO of domain. The Server parameter specifies the domain controller

(DC). - If neither this parameter nor the Server parameter is specified, then the NRPT rule is added for local client computer. - If this parameter is specified

and the Server parameter is not specified, then the DC of the domain specified by this parameter value is found and NRPT rule is added to the GPO. - If this

parameter is not specified and the Server parameter is specified, then an error is displayed.

Required?                false

Position?                named

Default value            None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

#### -Name <String>

Specifies the name which uniquely identifies a rule.

Required? true  
Position? 1  
Default value None  
Accept pipeline input? True (ByPropertyName)  
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

#### -Server <String>

Specifies the name of the server containing the GPO. This parameter is only applicable with the GpoName parameter.

Required? false  
Position? named  
Default value None  
Accept pipeline input? True (ByPropertyName)  
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 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.

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

Microsoft.Management.Infrastructure.CimInstance#root/Microsoft/Windows/DNS/DnsClientNrptRule

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (#) provides the namespace and class name for the underlying WMI object.

## OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#root/Microsoft/Windows/DNS/DnsClientNrptRule

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (#) provides the namespace and class name for the underlying WMI object.

The DnsClientNrptRule object contains all of the properties of the DNS client NRPT rule.

## NOTES

---- Example 1: Remove an NRPT rule from a specified server ----

```
PS C:\> Remove-DnsClientNrptRule -GpoName "TestGPO" -Name "{1326d9d0-4fb5-4fed-9f67-f53637b85010}"  
-PassThru -Server "host1.com" -Force
```

This example removes the NRPT rule named {1326d9d0-4fb5-4fed-9f67-f53637b85010} on the server named host1.com.

----- Example 2: Remove an NRPT rule -----

```
PS C:\> Remove-DnsClientNrptRule -Name "DA-{274D94E4-E38B-4997-BA9F-84700712C09E}" -PassThru
```

Confirm

Removing NRPT rule for the namespace nls.corp.contoso.com with

DAEnable: Enable,

DnsSecValidationRequired: Disabled,

NameEncoding: Disable

NameServers: No

Do you want to continue?

[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y

Name : DA-{274D94E4-E38B-4997-BA9F-84700712C09E}

Version : 1

Namespace : {nls.corp.contoso.com}

IPsecCARestriction :

```
DirectAccessDnsServers      :  
DirectAccessEnabled        : True  
DirectAccessProxyType      : UseDefault  
DirectAccessProxyName      :  
DirectAccessQueryIPsecEncryption :  
DirectAccessQueryIPsecRequired : False  
NameServers                :  
DnsSecEnabled              : False  
DnsSecQueryIPsecEncryption :  
DnsSecQueryIPsecRequired   :  
DnsSecValidationRequired   :  
NameEncoding               : Disable  
DisplayName                :  
Comment                    :
```

This version of the cmdlet performs the task without user confirmation.

```
PS C:\> Remove-DnsClientNrptRule -Name "DA-{274D94E4-E38B-4997-BA9F-84700712C09E}" -PassThru -Force
```

```
Name          : DA-{274D94E4-E38B-4997-BA9F-84700712C09E}  
Version       : 1  
Namespace     : {nls.corp.contoso.com}  
IPsecCARestriction :  
DirectAccessDnsServers      :  
DirectAccessEnabled        : True  
DirectAccessProxyType      : UseDefault  
DirectAccessProxyName      :  
DirectAccessQueryIPsecEncryption :  
DirectAccessQueryIPsecRequired : False  
NameServers                :  
DnsSecEnabled              : False  
DnsSecQueryIPsecEncryption :  
DnsSecQueryIPsecRequired   :  
DnsSecValidationRequired   :  
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```

NameEncoding : Disable

DisplayName :

Comment :

This example removes the NRPT rule named {1326d9d0-4fb5-4fed-9f67-f53637b85010}.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/dnsclient/remove-dnsclientnrptrule?view=windowsserver2022-ps&wt.mc\\_id=p-s-gethelp](https://learn.microsoft.com/powershell/module/dnsclient/remove-dnsclientnrptrule?view=windowsserver2022-ps&wt.mc_id=p-s-gethelp)

[Add-DnsClientNrptRule](#)

[Get-DnsClientNrptGlobal](#)

[Get-DnsClientNrptPolicy](#)

[Get-DnsClientNrptRule](#)

[Set-DnsClientNrptGlobal](#)

[Set-DnsClientNrptRule](#)