



Windows PowerShell Get-Help on Cmdlet 'Get-DnsClientNrptGlobal'

PS:\>Get-HELP Get-DnsClientNrptGlobal -Full

NAME

Get-DnsClientNrptGlobal

SYNOPSIS

Gets the NRPT global settings.

SYNTAX

```
Get-DnsClientNrptGlobal [-AsJob] [-CimSession <CimSession[]>] [-GpoName <String>] [-Server <String>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-DnsClientNrptGlobal cmdlet gets the following Name Resolution Policy Table (NRPT) details:

- DirectAccess (DA) settings.
- DNS client query policy.
- DNS client name resolution fallback policy.

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

-GpoName <String>

Specifies the name of Group Policy Object (GPO). If this parameter is not specified, then the default NRPT settings are retrieved.

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

-Server <String>

Specifies the server hosting 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

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).

INPUTS

None

OUTPUTS

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

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 DnsClientNrptGlobal object contains all of the properties of the DNS client NRPT global settings.

NOTES

----- Example 1: Get global NRPT settings -----

```
PS C:\> Get-DnsClientNrptGlobal
```

EnableDAForAllNetworks	QueryPolicy	SecureNameQueryFallback
-----	-----	-----
Disable	Disable	Disable

This example retrieves the global NRPT settings.

----- Example 2: Get global NRPT settings for a GPO -----

```
PS C:\> Get-DnsClientNrptGlobal -GpoName "corp.contoso.com\DirectAccess Client Settings"
```

This example retrieves the global NRPT settings for the GPO named DirectAccess Client Settings that is linked to corp.contoso.com.

Example 3: Get global NRTP settings for a specified GPO and server

```
PS C:\> Get-DnsClientNrptGlobal -GpoName "corp.contoso.com\DirectAccess Client Settings" -Server "dc1"
```

This example retrieves the global NRPT settings for the GPO named DirectAccess Client Settings that is linked to corp.contoso.com on the server named dc1.

Example 4: Get global NRPT settings for a specified CIM session

```
PS C:\> Get-DnsClientNrptGlobal -GpoName "corp.contoso.com\DirectAccess Client Settings" -CimSession 2-dc1.corp2.corp.contoso.com
```

This example retrieves the global NRPT settings for the GPO named DirectAccess Client Settings that is linked to corp.contoso.com on the remote computer named

2-dc1.corp2.corp.contoso.com.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/dnsclient/get-dnsclientnrptglobal?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Add-DnsClientNrptRule

Get-DnsClientNrptPolicy

Get-DnsClientNrptRule

Remove-DnsClientNrptRule

Set-DnsClientNrptGlobal

Set-DnsClientNrptRule

