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

PS:>Get-HELP Set-DnsClientNrptGlobal -Full

NAME

Set-DnsClientNrptGlobal

SYNOPSIS

Modifies the global Name Resolution Policy Table (NRPT) settings.

SYNTAX

```
Set-DnsClientNrptGlobal [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-EnableDAForAllNetworks  
{EnableOnNetworkID | EnableAlways | Disable | DisableDA}] [-GpoName  
<String>] [-PassThru] [-QueryPolicy {Disable | QueryIPv6Only | QueryBoth}] [-SecureNameQueryFallback {Disable |  
FallbackSecure | FallbackUnsecure | FallbackPrivate}]  
[-Server <String>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-DnsClientNrptGlobal cmdlet modifies the following global Name Resolution Policy Table (NRPT) settings:

- DNS client enable Direct Access (DA) for all networks setting.

- DNS client query policy.
- DNS client secure name query fallback setting.

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

-EnableDAForAllNetworks <String>

Specifies DirectAccess (DA) settings. The acceptable values for this parameter are:

- EnableOnNetworkID

- EnableAlways

- Disable

- DisableDA

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-GpoName <String>

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

Required? false
Position? named
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

-QueryPolicy `<String>`

Specifies the DNS client query policy. The acceptable values for this parameter are:

- Disable
- QueryIPv6Only
- QueryBoth

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

-SecureNameQueryFallback `<String>`

Specifies the DNS client name resolution fallback policy. The acceptable values for this parameter are:

- Disable
- FallbackSecure
- FallbackUnsecure
- FallbackPrivate

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

-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/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.

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: Modify the NRPT settings -----

```
PS C:\> Set-DnsClientNrptGlobal -EnableDAForAllNetworks "disable" -PassThru
```

EnableDAForAllNetworks	QueryPolicy	SecureNameQueryFallback
Disable	Disable	Disable

This command modifies the `EnableDAForAllNetworks` settings in the NPRT globally.

RELATED LINKS

Online

Version:

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

[Add-DnsClientNrptRule](#)

[Get-DnsClientNrptGlobal](#)

[Get-DnsClientNrptPolicy](#)

[Get-DnsClientNrptRule](#)

[Remove-DnsClientNrptRule](#)

[Set-DnsClientNrptRule](#)