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

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

NAME

Get-DnsClientGlobalSetting

SYNOPSIS

Retrieves global DNS client settings like the suffix search list.

SYNTAX

Get-DnsClientGlobalSetting [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Get-DnsClientGlobalSetting cmdlet retrieves DNS client settings that are global, that are not associated with a specific interface. The settings affect the behavior of the DNS client across all of the interfaces.

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

-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

<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_DNSClientGlobalSetting

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.

NOTES

----- Example 1: Get global DNS client settings -----

```
PS C:\> Get-DnsClientGlobalSetting  
UseSuffixSearchList : True  
SuffixSearchList   : {corp.contoso.com, na.corp.contoso.com}  
UseDevolution     : True  
DevolutionLevel   : 0
```

This example gets all of the global DNS client settings.

----- Example 2: Get connection-specific suffixes -----

```
PS C:\> $dnsCGSetting = Get-DnsClientGlobalSetting  
PS C:\> $dnsCGSetting.SuffixSearchList  
corp.contoso.com  
na.corp.contoso.com
```

This example gets the connection-specific suffixes. The first item in the list is the primary DNS suffix, if configured.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/dnsclient/get-dnsclientglobalsetting?view=windowsserver2022-ps&wt.mc_id=ps-gethelp		
Set-DnsClientGlobalSetting		