



Windows PowerShell Get-Help on Cmdlet 'Get-Net6to4Configuration'

PS:\>Get-HELP Get-Net6to4Configuration -Full

NAME

Get-Net6to4Configuration

SYNOPSIS

Retrieves the 6to4 configuration of a computer or a GPO.

SYNTAX

Get-Net6to4Configuration [-AsJob] [-CimSession <CimSession[]>] [-GPoSession <String>] [-IPInterface <CimInstance>]
[-PolicyStore <String>] [-ThrottleLimit <Int32>]
[<CommonParameters>]

DESCRIPTION

The Get-Net6to4Configuration cmdlet retrieves the 6to4 configuration of a computer or a Group Policy Object (GPO).

6to4 is an address assignment and router-to-router automatic tunneling technology that is described in RFC 3056: Connection of IPv6 Domains via IPv4 Clouds

(<https://go.microsoft.com/fwlink/p/?LinkId=256388>). 6to4 provides a globally-routable IPv6 address to a host with a public IPv4 address. This IPv6 address can be used

to connect to other 6to4 hosts or the IPv6 Internet.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

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

-GPOMSession <String>

Specifies the Group Policy session from which to retrieve the configuration information.

You can use this parameter with the `NetGPO` cmdlets to aggregate multiple operations performed on a GPO.

You cannot use this parameter with the `PolicyStore` parameter.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-IPInterface <CimInstance>

Specifies the interface for which to retrieve the 6to4 configuration. If the interface is not a 6to4 interface, then the cmdlet does not return any 6to4 configuration.

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

-PolicyStore <String>

Specifies the policy store from which to retrieve the configuration. The acceptable values for this parameter are:

- ActiveStore

- PersistentStore

- GPO

To retrieve the configuration of a GPO, specify the GPO name using the following format: Domain\GPOName
You cannot use this parameter with the GPONSession parameter.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

This cmdlet accepts no input objects.

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_Net6to4Configuration

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.

This cmdlet returns a 6to4 configuration object.

NOTES

----- Example 1: Get the 6to4 configuration -----

```
PS C:\>Get-Net6to4Configuration
```

This command retrieves the 6to4 configuration of a computer or a GPO.

RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/networktransition/get-net6to4configuration?view=windowsserver2022-ps&wt.](https://learn.microsoft.com/powershell/module/networktransition/get-net6to4configuration?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

[mc_id=ps-gethelp](#)

[Reset-Net6to4Configuration](#)

[Set-Net6to4Configuration](#)