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

PS:\>Get-HELP Set-NetTeredoConfiguration -Full

NAME

Set-NetTeredoConfiguration

SYNOPSIS

Modifies the Teredo configuration of a computer or a Group Policy object (GPO).

SYNTAX

```
Set-NetTeredoConfiguration [[-Type] {Default | Relay | Client | Server | Disabled | Automatic | Enterpriseclient | Natawareclient}] [[-ServerName] <String>]
  [[-RefreshIntervalSeconds] <UInt32>] [[-ClientPort] <UInt32>] [[-ServerVirtualIP] <String>] [[-DefaultQualified] <Boolean>]
  [[-ServerShunt] <Boolean>] [-AsJob]
  [-CimSession <CimSession[]>] [-Confirm] [-GPOSession <String>] [-IPInterface <CimInstance>] [-PassThru] [-PolicyStore <String>] [-ThrottleLimit <Int32>] [-WhatIf]
  [<CommonParameters>]
```

```
Set-NetTeredoConfiguration [[-Type] {Default | Relay | Client | Server | Disabled | Automatic | Enterpriseclient | Natawareclient}] [[-ServerName] <String>]
  [[-RefreshIntervalSeconds] <UInt32>] [[-ClientPort] <UInt32>] [[-ServerVirtualIP] <String>] [[-DefaultQualified] <Boolean>]
  [[-ServerShunt] <Boolean>] [-AsJob]
```

[-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

The Set-NetTeredoConfiguration cmdlet modifies the Teredo configuration of either a computer or a Group Policy Object (GPO).

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

-ClientPort <UInt32>

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Specifies the UDP port of the client computer. If this parameter is not specified, then the port is chosen by the operating system.

Required? false

Position? 4

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

-DefaultQualified <Boolean>

Determines if this cmdlet qualifies Teredo by default. The default value is False. This parameter can only be specified on GPOs.

Required? false

Position? 6

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-GPOSession <String>

Specifies the Group Policy session to which to store 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 on which to set the Teredo configuration. If the specified interface is not a Teredo interface, then the cmdlet does not return any configuration.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

-PolicyStore <String>

Specifies the policy store that contains the configuration to set. The acceptable values for this parameter are:

- PersistentStore
- GPO

The default value is PersistentStore.

To set the configuration of a GPO, specify the GPO name using the following format: Domain\GPOName

You cannot use this parameter with the GPOSession parameter.

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

-RefreshIntervalSeconds <UInt32>

Specifies the client refresh interval in seconds.

Required? false
Position? 3
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ServerName <String>

Specifies the name or IPv4 address of the Teredo server.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ServerShunt <Boolean>

Indicates that the tunnel miniport and IPv4 routing layer are bypassed for high throughput on the Teredo relay functionality of the Teredo server.

Required? false

Position? 7

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ServerVirtualIP <String>

Specifies the virtual IPv4 address of the server. This parameter is not applicable if the computer is a Teredo client. This parameter can only be specified on

GPOs.

Required? false

Position? 5

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

-Type <Type>

Specifies the state of Teredo. The acceptable values for this parameter are:

- Disabled: Disables the Teredo service.

- Client.

Enables the Teredo client. - Enterpriseclient. Skips the managed network detection. - Server. Enables the Teredo server. - Relay.

- Automatic.

- Default.

The default state is client.

Required? false

Position? 1

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

None

This cmdlet accepts no input objects.

OUTPUTS

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

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.

When the Passthru parameter is specified, this cmdlet outputs a modified Teredo configuration object.

NOTES

----- Example 1: Set the Teredo server name -----

```
PS C:\>Set-NetTeredoConfiguration -ServerName "Test"
```

This command sets the Teredo server name to Test on the local persistent store.

----- Example 2: Set the Teredo state -----

```
PS C:\>Set-NetTeredoConfiguration -Type Enterpriseclient -PolicyStore "Domain\GPOname"
```

This command sets the Teredo state to enterpriseclient in a GPO named Domain\GPOname.

RELATED LINKS

Online

Version:

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

[Get-NetTeredoConfiguration](#)

[Reset-NetTeredoConfiguration](#)