



python



PowerShell

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PowerShell Get-Help on command 'Set-NetTeredoConfiguration'

PS C:\Users\wahid> Get-Help Set-NetTeredoConfiguration

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.

-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.

-ClientPort <UInt32>

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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-DefaultQualified <Boolean>

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

-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.

-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.

-InputObject <CimInstance[]>

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

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-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.

-RefreshIntervalSeconds <UInt32>

Specifies the client refresh interval in seconds.

-ServerName <String>

Specifies the name or IPv4 address of the Teredo server.

-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.

-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.

-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.

-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.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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>).

----- 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.

REMARKS

To see the examples, type: "get-help Set-NetTeredoConfiguration -examples".

For more information, type: "get-help Set-NetTeredoConfiguration -detailed".

For technical information, type: "get-help Set-NetTeredoConfiguration -full".

For online help, type: "get-help Set-NetTeredoConfiguration -online"