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

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

NAME

   Reset-Net6to4Configuration

SYNOPSIS

   Resets the GPO settings for a 6to4 configuration.

SYNTAX

   Reset-Net6to4Configuration [-AsJob] [-AutoSharing] [-CimSession <CimSession[]>] [-Confirm] [-GPOSession <String>]
[-IPInterface <CimInstance>] [-PassThru]

   [-PolicyStore <String>] [-RelayName] [-RelayState] [-ResolutionIntervalSeconds] [-State] [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]

        Reset-Net6to4Configuration   [-AsJob]   [-AutoSharing]   [-CimSession   <CimSession[]>]   [-Confirm]   -InputObject
<CimInstance[]> [-PassThru] [-RelayName] [-RelayState]

   [-ResolutionIntervalSeconds] [-State] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

   The Reset-Net6to4Configuration cmdlet resets the Group Policy Object (GPO) settings for a 6to4 configuration to the not

configured state. Group Policy settings have

three possible states: not configured, enabled, and disabled.

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

-AutoSharing [<SwitchParameter>]

Resets the AutoSharing policy element to not configured. You can configure this parameter by using the Set-Net6to4Configuration cmdlet.

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

-GPOSession <String>

    Specifies the Group Policy session in 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 IP interface on which to reset the 6to4 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 6to4 configuration to reset. For this cmdlet, this parameter only supports GPO stores.

To reset a 6to4 configuration stored in 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

-RelayName [<SwitchParameter>]

    Resets the 6to4 relay name to not configured.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

    Accept wildcard characters? false

-RelayState [<SwitchParameter>]

    Resets the 6to4 relay state to not configured.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

    Accept wildcard characters? false

-ResolutionIntervalSeconds [<SwitchParameter>]

    Resets the resolution interval to not configured.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

Accept wildcard characters? false

-State [<SwitchParameter>]

Resets the state of the 6to4 configuration to not configured.

Required?   false

Position?   named

Default value   False

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 PowerShellr 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

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.

NOTES

When the Passthru* parameter is specified, this cmdlet outputs a modified Windows Management Instrumentation

(WMI) object.

--- Example 1: Reset the 6to4 configuration of an interface ---

PS C:\>$config = (Get-NetIPInterface -InterfaceIndex 14 | Get-Net6to4Configuration)

PS C:\> Reset-Net6to4Configuration -InputObject $config

This set of commands uses the Get-NetIPInterface cmdlet to get the configuration information for the interface at index 14

and then passes the interface configuration

to the Get-Net6to4Configuration cmdlet to get the 6to4 configuration. The result is stored in a variable named $config.

The contents of the variable are then passed

to this cmdlet.

RELATED LINKS

Get-Net6to4Configuration

Set-Net6to4Configuration