



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

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

NAME

Set-NetIPHttpsConfiguration

SYNOPSIS

Modifies an IP-HTTPS configuration.

SYNTAX

```
Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}] [-CimSession <CimSession[]>] [-Confirm]
[-GPOSession <String>] [-PassThru] [-Profile
<String[]>] [-ProfileActivated <Boolean[]>] [-ServerURL <String>] [-State {Default | Enabled | Disabled | OutsideEnabled}]
[-StrongCRLRequired <Boolean>]
[-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf] [<CommonParameters>]
```

```
Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}] [-CimSession <CimSession[]>] [-Confirm]
-InputObject <CimInstance[]> [-PassThru] [-ServerURL
<String>] [-State {Default | Enabled | Disabled | OutsideEnabled}] [-StrongCRLRequired <Boolean>] [-ThrottleLimit
<Int32>] [-Type {Client | Server}] [-WhatIf]
[<CommonParameters>]
```

```
Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}] [-CimSession <CimSession[]>] [-Confirm]
[-PassThru] [-PolicyStore <String>] [-Profile
<String[]>] [-ProfileActivated <Boolean[]>] [-ServerURL <String>] [-State {Default | Enabled | Disabled | OutsideEnabled}]
[-StrongCRLRequired <Boolean>]
[-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-NetIPHttpsConfiguration cmdlet modifies an IP-HTTPS configuration.

You can specify the IP-HTTPS configuration profile to modify either by using a configuration object retrieved by the Get-NetIPHttpsConfiguration cmdlet or by specifying the profile name.

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

-AuthMode <AuthMode>

Specifies the authentication mode. The acceptable values for this parameter are:

- None. Performs no client authentication during the SSL handshake. This is the default value.
- Certificates. Uses client certificates to authenticate clients.

This authentication mode applies only to a server interface on a computer running Windows Server 2012 or Windows Server 2016.

Required? false
Position? named
Default value None
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

`-GPOMSession <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 Group Policy Object (GPO).

You cannot use this parameter with the PolicyStore parameter.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
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 IP-HTTPS configuration profile to set. The acceptable values for this parameter are:

- ActiveStore

- PersistentStore

- GPO

To set the configuration profile 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?	True (ByPropertyName)
Accept wildcard characters?	false

-Profile <String[]>

Specifies the name of the profile to modify. This parameter is only allowed when the store is a GPO.

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

-ProfileActivated <Boolean[]>

Filters the objects to modify.

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

-ServerURL <String>

Specifies the URL for the server. If the profile is a client profile, Windows attempts to connect to the server URL. If the profile is a server profile, then this

is the URL to which the server listens.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-State <State>

Specifies the state behavior of IP-HTTPS. The acceptable values for this parameter are:

- Default. ---- For a server interface, IP-HTTPS is always configured. ---- For a client interface, IP-HTTPS is configured on demand based on the other

connectivity options available. Client interfaces are created with this setting by default. - Enabled. IP-HTTPS is always configured, for both server interfaces

and client interfaces. Server interfaces are created with this setting by default. - Disabled. Disables the IP-HTTPS interface. - OutsideEnabled. IP-HTTPS is

configured on demand whenever the computer is outside of the corporate network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-StrongCRLRequired <Boolean>

Determines if a strong certificate revocation list (CRL) check is required before connection.

The default value is False.

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

-Type <Type>

Specifies if IP-HTTPS should start in server mode or client mode. The parameter value set to server mode is only allowed on Windows Server 2012 or Windows Server 2016.

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_NetIpHTTPsConfiguration

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 IP-HTTPS configuration object.

NOTES


```
PS C:\>Set-NetIPHttpsConfiguration -Profile "Redmond" -ServerURL "https://da.com:443/IPHTTps" -PolicyStore "Domain\TestGPO"
```

This command modifies the profile named Redmond in the GPO named TestGPO, modifying the server URL.

Example 2: Set the server URL using IP-HTTPS configuration object

```
PS C:\>Get-NetIPHttpsConfiguration -Profile "Redmond" -PolicyStore "Domain\TestGPO" | Set-NetIPHttpsConfiguration -ServerURL "https://da.com:443/IPHTTps"
```

This command gets the IP-HTTPS configuration profile named Redmond in the GPO named TestGPO using the Get-NetIPHttpsConfiguration cmdlet, and then provides the output object as input to this cmdlet using the pipeline operator.

RELATED LINKS

Online

Version:

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

Get-NetIPHttpsConfiguration

New-NetIPHttpsConfiguration

Rename-NetIPHttpsConfiguration

Remove-NetIPHttpsConfiguration

Reset-NetIPHttpsConfiguration