



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

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

NAME

New-NetIPHttpsConfiguration

SYNOPSIS

Creates an IP-HTTPS configuration.

SYNTAX

New-NetIPHttpsConfiguration [-GPOSession] <String> [-AsJob] [-AuthMode {None | Certificates}] [-CimSession <CimSession[]>] [-Confirm] [-Profile <String>] -ServerURL

<String> [-State {Default | Enabled | Disabled | OutsideEnabled}] [-StrongCRLRequired <Boolean>] [-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf]

[<CommonParameters>]

New-NetIPHttpsConfiguration [-PolicyStore] <String> [-AsJob] [-AuthMode {None | Certificates}] [-CimSession <CimSession[]>] [-Confirm] [-Profile <String>] -ServerURL

<String> [-State {Default | Enabled | Disabled | OutsideEnabled}] [-StrongCRLRequired <Boolean>] [-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The New-NetIPHttpsConfiguration cmdlet creates an IP-HTTPS configuration.

This cmdlet can create IP-HTTPS configurations on the ActiveStore, PersistentStore, or Group Policy Objects (GPOs).

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 of the IP-HTTPS configuration. 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 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?	true
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-PolicyStore <String>

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

- ActiveStore

- PersistentStore

- GPO

To add the configuration profile to a GPO, specify the GPO name using the following format: Domain\GPOName

You cannot use this parameter with the GPOSession parameter.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Profile <String>

Specifies the name by which to identify the IP-HTTPS configuration profile. This option is only available if the store is a GPO.

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

-ServerURL <String>

Specifies the URL for the server. If the profile is a client profile, Windows Server 2012 or Windows Server 2016 attempts to connect to the server URL. If the

profile is a server profile, then this is the URL on which the server listens.

Specify the server URL using the following format: https://myserver/IPHTTPS

Required?	true
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>

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

By default, the value of this parameter 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. Server mode is only allowed on Windows Server 2012.

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

System.Object

This cmdlet returns an object.

NOTES

----- Example 1: Create an IP-HTTPS configuration -----

"Domain\TestGPO"

This command creates an IP-HTTPS configuration named Redmond with the specified server URL <https://contoso.com:443/IPHTTPs> in the GPO named TestGPO.

RELATED LINKS

Online

Version:

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

Get-NetIPHttpsConfiguration

Remove-NetIPHttpsConfiguration

Rename-NetIPHttpsConfiguration

Reset-NetIPHttpsConfiguration

Set-NetIPHttpsConfiguration