Windows PowerShell Get-Help on Cmdlet 'Add-NetIPHttpsCertBinding'

PS:\>Get-HELP Add-NetIPHttpsCertBinding -Full

NAME

   Add-NetIPHttpsCertBinding

SYNOPSIS

   Binds an SSL certificate to an IP-HTTPS server.

SYNTAX

   Add-NetIPHttpsCertBinding -ApplicationId <String> [-AsJob] -CertificateHash <String> -CertificateStoreName <String>

[-CimSession <CimSession[]>] [-Confirm] -IpPort

   <String> -NullEncryption <Boolean> [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

   The Add-NetIPHttpsCertBinding cmdlet binds an SSL certificate to an IP-HTTPS server.

   This cmdlet does not work if there is already a certificate binding on the computer.

   This cmdlet is similar to the `netsh http add sslcert` command, but the cmdlet should only be used for IP-HTTPS.

PARAMETERS

-ApplicationId <String>

Specifies the GUID to identify the application.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-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

-CertificateHash <String>

Specifies the SHA hashing of the certificate. This hash is 20 bytes long, and you must specify this value as a hexadecimal string.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-CertificateStoreName <String>

Specifies the store name for the certificate.

This parameter defaults to MY for IP-based configurations.

This parameter is required.

You must store the certificate in the local system context.

Required?   true

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

-IpPort <String>

Specifies the IP address and the port for the binding. This parameter value should match the format `0.0.0.0:443`.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-NullEncryption <Boolean>

Allows the usage of IP-HTTPS without SSL encryption, if the parameter value is True.

Required?   true

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 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

None

NOTES

-------------- Example 1: Add an SSL certificate --------------

```
PS C:\>Add-NetIPHttpsCertBinding -IpPort "10.1.1.1:443" -CertificateHash
"0102030405060708090A0B0C0D0E0F1011121314" -CertificateStoreName "My" -ApplicationId
"{3F2504E0-4F89-11D3-9A0C-0305E82C3301}" -NullEncryption $false
```

This command binds an SSL certificate with the specified IP port 10.1.1.1:443, SHA hash 0102030405060708090A0B0C0D0E0F1011121314, application ID {3F2504E0-4F89-11D3-9A0C-0305E82C3301}, and store name My to the IP-HTTPS server.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/networktransition/add-netiphttpscertbinding?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Remove-NetIPHttpsCertBinding