



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

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

NAME

Set-SmbServerCertificateMapping

SYNOPSIS

Modifies a certificate association with the SMB server for SMB over QUIC.

SYNTAX

Set-SmbServerCertificateMapping [-AsJob] [-CimSession <CimSession[]>] [-Flags {None | AllowNamedPipe | DefaultCert}] [-InputObject <CimInstance[]>] [-PassThru]

[-StoreName <String>] [-ThrottleLimit <Int32>] [-Thumbprint <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Set-SmbServerCertificateMapping [-Name] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Flags {None | AllowNamedPipe | DefaultCert}] [-PassThru] [-StoreName <String>] [-ThrottleLimit <Int32>] [-Thumbprint <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-SmbServerCertificateMapping cmdlet modifies a certificate's association to the SMB server for SMB over QUIC on Windows Server 2022 Datacenter: Azure Edition.

This cmdlet is not used for Windows or other Windows Server editions. For more information, review SMB over QUIC (<https://aka.ms/smboverquic>).

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

-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

(/powershell/module/cimcmdlets/new-cimsession) 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

-Flags <Flags>

Specifies if Named Pipes are enabled for SMB over QUIC. The acceptable values for this parameter are:

- `None:` Remove all flags.

- `AllowNamedPipe:` Enable use of named pipes in SMB over QUIC connections for this mapping (off by default,

overrides the value of

RestrictNamedPipeAccessOverQuic).

- `DefaultCert:` Not used.

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

-Name <String[]>

Specifies a fully-qualified DNS name or NetBIOS name that must match the certificate's subject name or an entry in the certificate's subject alternative names.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

-StoreName <String>

Specifies the path to the certificate store for the certificate. The recommended value is "My" for the local machine personal store.

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

-Thumbprint <String>

Specifies the thumbprint value of the certificate.

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

-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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String[]

Microsoft.Management.Infrastructure.CimInstance[]

Microsoft.PowerShell.Cmdletization.GeneratedTypes.SmbServerCertificateMapping.Flags

System.String

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/SMB/MSFT_SmbServerCertificateMapping

NOTES

Example 1 - Enable Named Pipes for the SMB over QUIC endpoint

```
PS C:\> Set-SmbServerCertificateMapping -Name 2022-ae-02.corp.contoso.com -Thumbprint
88032B3551FAF7DE26EFFFF814AA086E3DBD2A4F -StoreName my -Flags AllowNamedPipe
```

RELATED LINKS

https://learn.microsoft.com/powershell/module/smbshare/Set-SmbServerCertificateMapping?view=windowsserver2022-ps&wt.mc_id=ps-gethelp