



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

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

NAME

Reset-SmbClientConfiguration

SYNOPSIS

Resets the Server Message Block (SMB) client configuration parameters to their default values.

SYNTAX

```
Reset-SmbClientConfiguration [-All] [-AsJob] [-CimSession <CimSession[]>] [-CompressibilitySampling]
[-ConnectionCountPerRssNetworkInterface]
[-DirectoryCacheEntriesMax] [-DirectoryCacheEntrySizeMax] [-DirectoryCacheLifetime] [-DisableCompression]
[-DormantFileLimit] [-EnableBandwidthThrottling]
[-EnableByteRangeLockingOnReadOnlyFiles] [-EnableLargeMtu] [-EnableLoadBalanceScaleOut] [-EnableMultiChannel]
[-EncryptionCiphers] [-ExtendedSessionTimeout]
[-FileInfoCacheEntriesMax] [-FileInfoCacheLifetime] [-FileNotFoundCacheEntriesMax] [-FileNotFoundCacheLifetime]
[-Force] [-ForceSMBEncryptionOverQuic] [-KeepConn]
[-MaxCmds] [-MaximumConnectionCountPerServer] [-OplocksDisabled] [-RequestCompression] [-SessionTimeout]
[-SkipCertificateCheck] [-ThrottleLimit <Int32>]
[-UseOpportunisticLocking] [-WindowSizeThreshold] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The `Reset-SmbClientConfiguration` cmdlet resets SMB client configuration parameters to their default values.

> [!NOTE] > - This cmdlet is available beginning with 2022-06 Cumulative Update for Microsoft server operating > system version 21H2 for x64-based Systems > (

KB5014665 (<https://support.microsoft.com/help/5014665>)), and Cumulative Update for Windows 11, > version 22H2 (KB5014668

(<https://support.microsoft.com/help/5014668>)). > > - The CompressibilitySampling and RequestCompression parameters are available beginning > with 2022-08 Cumulative

Update for Microsoft server operating system version 21H2 for x64-based > Systems (KB5016693 (<https://support.microsoft.com/help/5016693>)), and Cumulative Update

for > Windows 11, version 22H2 (KB5016691 (<https://support.microsoft.com/help/5016691>)).

PARAMETERS

-All [<SwitchParameter>]

Resets all the SMB client configuration parameters to their default values.

Required? false

Position? named

Default value False

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

-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

-CompressibilitySampling [<SwitchParameter>]

Resets the compression sampling behavior to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-ConnectionCountPerRssNetworkInterface [<SwitchParameter>]

Resets the SMB connection count for each RSS network interface to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-DirectoryCacheEntriesMax [<SwitchParameter>]

Resets the maximum cache entries that can be in the directory cache to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-DirectoryCacheEntrySizeMax [<SwitchParameter>]

Resets the maximum size of directory cache entry value to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-DirectoryCacheLifetime [<SwitchParameter>]

Resets the directory cache lifetime to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-DisableCompression [<SwitchParameter>]

Resets the SMB compression behavior to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False

Accept wildcard characters? false

-DormantFileLimit [<SwitchParameter>]

Resets the dormant file limit to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableBandwidthThrottling [<SwitchParameter>]

Resets the bandwidth throttling behavior to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableByteRangeLockingOnReadOnlyFiles [<SwitchParameter>]

Resets the enabled byte range locking behavior on read-only file to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnableLargeMtu [<SwitchParameter>]

Resets the enable large MTU value to its default value.

Required? false

Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-EnableLoadBalanceScaleOut [<SwitchParameter>]

Resets the enable load balance scale out value to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-EnableMultiChannel [<SwitchParameter>]

Resets the enable multi-channel value to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-EncryptionCiphers [<SwitchParameter>]

Resets the encryption ciphers used by the SMB client to its default value and order.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-ExtendedSessionTimeout [<SwitchParameter>]

Resets the extended session time-out value to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

`-FileInfoCacheEntriesMax [<SwitchParameter>]`

Resets the maximum number entries that can be in the file information cache to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

`-FileInfoCacheLifetime [<SwitchParameter>]`

Resets the file information cache lifetime value to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

`-FileNotFoundCacheEntriesMax [<SwitchParameter>]`

Resets the maximum number entries that can be in the file not found cache to its default value.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False

Accept wildcard characters? false

-FileNotFoundCacheLifetime [<SwitchParameter>]

Resets the file not found cache lifetime value to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ForceSMBEncryptionOverQuic [<SwitchParameter>]

Resets the for SMB encryption over QUIC value to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-KeepConn [<SwitchParameter>]

Reset the time, in seconds, before the SMB client session is automatically disconnected to its default value.

Required? false

Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-MaxCmds [<SwitchParameter>]

Resets the maximum number of concurrent outstanding network requests that the SMB client supports to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-MaximumConnectionCountPerServer [<SwitchParameter>]

Resets the maximum connection count per server to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-OplocksDisabled [<SwitchParameter>]

Resets the opportunistic locks disabled value to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

`-RequestCompression [<SwitchParameter>]`

Resets the SMB client request compression value to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-SessionTimeout [<SwitchParameter>]`

Resets the session time-out value to its default value.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-SkipCertificateCheck [<SwitchParameter>]`

Resets the skip certificate check value to its default value.

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 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

-UseOpportunisticLocking [<SwitchParameter>]

Resets the use opportunistic locks value to its default value.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WindowSizeThreshold [<SwitchParameter>]

Resets the window size threshold value to its default value.

Required? false
Position? named
Default value False
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

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet isn't 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

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

NOTES

----- Example 1: Reset the large MTU behavior -----

Reset-SmbClientConfiguration -EnableLargeMtu -Confirm:\$false

This commands resets only the large MTU behavior to its default value without user confirmation.

RELATED LINKS

Online Version: <http://go.microsoft.com/fwlink/?LinkID=241959>

[Get-SmbClientConfiguration](#)

[Set-SmbClientConfiguration](#)