



Windows PowerShell Get-Help on Cmdlet 'Close-SmbOpenFile'

PS:\>Get-HELP Close-SmbOpenFile -Full

NAME

Close-SmbOpenFile

SYNOPSIS

Closes a file that is open by one of the clients of the SMB server.

SYNTAX

```
Close-SmbOpenFile [[-FileId] <UInt64[]>] [-AsJob] [-CimSession <CimSession[]>] [-ClientComputerName <String[]>]
[-ClientUserName <String[]>] [-ClusterNodeName <String[]>] [-Force] [-PassThru] [-ScopeName <String[]>] [-SessionId <UInt64[]>] [-SmbInstance {Default | CSV | SBL |
SR}] [-ThrottleLimit <Int32>] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

```
Close-SmbOpenFile [-AsJob] [-CimSession <CimSession[]>] [-Force] -InputObject <CimInstance[]> [-PassThru]
[-ThrottleLimit <Int32>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Close-SmbOpenFile cmdlet forcibly closes a file that is open by one of the clients of the Server Message Block (SMB) server. This cmdlet can cause data loss to

the client for which the file is being closed if the client has not flushed all of the file modifications back to the server before the file is closed.

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

(<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

-ClientComputerName <String[]>

Specifies the client computer name to filter the returned open files so that only the matching files are opened.

Required? false

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

-ClientUserName <String[]>

Specifies the name of the user for which the open files are retrieved.

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

-ClusterNodeName <String[]>

Specifies, if a share is hosted by a windows cluster, the name of the server which is hosting the open files to be retrieved.

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

-FileId <UInt64[]>

Specifies the file identifier (ID) of the file to forcibly close.

Required? false
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
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

-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

-ScopeName <String[]>

Specifies the scope of the open files to be retrieved.

Required?	false
Position?	named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SessionId <UInt64[]>

Specifies a session ID. Only files that have been opened in the specified session will be returned.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SmbInstance <SmbInstance>

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

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

-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>).

INPUTS

None

OUTPUTS

None

NOTES

----- Example 1: Close an open file -----

```
PS C:\> Close-SmbOpenFile -FileId 4415226383589
```

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383589'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

This command closes a file identified as 4415226383589 that is open by one of the clients of the SMB server.

----- Example 2: Close open files for a session -----

```
PS C:\> Close-SmbOpenFile -SessionId 4415226380393
```

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383589'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383529'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383517'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383521'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-File' on Target '4415226383569'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): N

This command closes one or more files that are open by one of the clients identified with the session ID 4415226380393 of the SMB server.

- Example 3: Close open files that match a file name extension -

```
PS C:\> Get-SmbOpenFile | Where-Object -Property ShareRelativePath -Match "\.DOCX" | Close-SmbOpenFile -Force
```

This command closes, without user confirmation, one or more files that are open by one of the clients of the SMB server and that match the file name extension .DOCX.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/smbshare/close-smbopenfile?view=windowsserver2022-ps&wt.mc_id=ps-get-help

Get-SmbOpenFile