



## ***Windows PowerShell Get-Help on Cmdlet 'Close-SmbSession'***

***PS:\>Get-HELP Close-SmbSession -Full***

### NAME

Close-SmbSession

### SYNOPSIS

Ends forcibly the SMB session.

### SYNTAX

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

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

### DESCRIPTION

The Close-SmbSession cmdlet forcibly ends the Server Message Block (SMB) session. This cmdlet may cause loss of

data if the client for which session is being stopped

has not flushed all of the file modifications back to the server before the session is ended.

## 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 from which the only sessions are returned.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ClientUserName <String[]>

Specifies the name of the user whose sessions are retrieved.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ClusterNodeName <String[]>

Specifies, in case of a share hosted by a Windows cluster, the name of the server which is hosting the sessions are retrieved.

Required? false

Position? named

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 sessions being retrieved.

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

**-SessionId <UInt64[]>**

Specifies the identifier (ID) that uniquely identifies the session that is being ended.

Required?	false
Position?	1
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: End an SMB session -----

Confirm

Are you sure you want to perform this action?

Performing operation 'Close-Session' on Target '8813272891621'.

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

This command ends an SMB session.

----- Example 2: End an SMB session without confirmation -----

```
PS C:\>Close-SmbSession -SessionId 8813272891621 -Force
```

This command ends an SMB session without user confirmation.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/smbshare/close-smbsession?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/smbshare/close-smbsession?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Get-SmbSession