



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

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

NAME

Close-AzStorageFileHandle

SYNOPSIS

Closes file handles of a file share, a file directory or a file.

SYNTAX

```

Close-AzStorageFileHandle [-ShareName] <System.String> [[-Path] <System.String>] [-AsJob]
[-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] -CloseAll
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisallowTrailingDot]
[-PassThru] [-Recursive] [-ServerTimeoutPerRequest
<System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Close-AzStorageFileHandle [-Share] <Microsoft.Azure.Storage.File.CloudFileShare> [[-Path] <System.String>] [-AsJob]
[-ClientTimeoutPerRequest
<System.Nullable`1[System.Int32]>] -CloseAll [-ConcurrentTaskCount <System.Nullable`1[System.Int32]>]
[-DefaultProfile

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
 [-Recursive] [-ServerTimeoutPerRequest
 <System.Nullable`1[System.Int32]>] [-ShareClient <Azure.Storage.Files.Shares.ShareClient>] [-Confirm] [-WhatIf]
 [<CommonParameters>]

Close-AzStorageFileHandle [-Directory] <Microsoft.Azure.Storage.File.CloudFileDirectory> [[-Path] <System.String>]
 [-AsJob] [-ClientTimeoutPerRequest
 <System.Nullable`1[System.Int32]>] -CloseAll [-ConcurrentTaskCount <System.Nullable`1[System.Int32]>]
 [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
 [-Recursive] [-ServerTimeoutPerRequest
 <System.Nullable`1[System.Int32]>] [-ShareDirectoryClient <Azure.Storage.Files.Shares.ShareDirectoryClient>]
 [-Confirm] [-WhatIf] [<CommonParameters>]

Close-AzStorageFileHandle [-File] <Microsoft.Azure.Storage.File.CloudFile> [-AsJob] [-ClientTimeoutPerRequest
 <System.Nullable`1[System.Int32]>] -CloseAll
 [-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
 [-PassThru] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ShareFileClient
 <Azure.Storage.Files.Shares.ShareFileClient>] [-Confirm] [-WhatIf]
 [<CommonParameters>]

Close-AzStorageFileHandle [-ShareName] <System.String> [-AsJob] [-ClientTimeoutPerRequest
 <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
 <System.Nullable`1[System.Int32]>] [-Context
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisallowTrailingDot]
 -FileHandle

<Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSFileHandle> [-PassThru]
 [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-Confirm]
 [-WhatIf] [<CommonParameters>]

Close-AzStorageFileHandle [-Share] <Microsoft.Azure.Storage.File.CloudFileShare> [-AsJob] [-ClientTimeoutPerRequest

<System.Nullable`1[System.Int32]>]

[-ConcurrentTaskCount

<System.Nullable`1[System.Int32]>]

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-FileHandle <Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSFileHandle> [-PassThru]

[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]

[-ShareClient <Azure.Storage.Files.Shares.ShareClient>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Close-AzStorageFileHandle cmdlet closes file handles of a file share, or file directory or a file.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>

The client side maximum execution time for each request in seconds.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-CloseAll <System.Management.Automation.SwitchParameter>

Force close all File handles.

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

-ConcurrentTaskCount <System.Nullable`1[System.Int32]>

The total amount of concurrent async tasks. The default value is 10.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>

Azure Storage Context Object

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

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Directory <Microsoft.Azure.Storage.File.CloudFileDirectory>

CloudFileDirectory object indicated the base folder where the files/directories would be listed.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-DisallowTrailingDot <System.Management.Automation.SwitchParameter>

Disallow trailing dot (.) to suffix directory and file names.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-File <Microsoft.Azure.Storage.File.CloudFile>

CloudFile object indicated the file to close handle.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-FileHandle <Microsoft.WindowsAzure.Commands.Storage.Model.ResourceModel.PSFileHandle>

The File Handle to close.

Required? true

Position? named

Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Return the count of closed file handles.

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

-Path <System.String>

Path to an existing file/directory.

Required? false
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Recursive <System.Management.Automation.SwitchParameter>

List handles Recursively. Only works on File Directory.

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

-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>

The server time out for each request in seconds.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Share <Microsoft.Azure.Storage.File.CloudFileShare>

CloudFileShare object indicated the share where the files/directories would be listed.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName, ByValue)
Accept wildcard characters? false

-ShareClient <Azure.Storage.Files.Shares.ShareClient>

ShareClient object indicated the share which contains the files/directories to closed handle.

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

-ShareDirectoryClient <Azure.Storage.Files.Shares.ShareDirectoryClient>

ShareDirectoryClient object indicated the base folder which contains the files/directories to closed handle.

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

-ShareFileClient <Azure.Storage.Files.Shares.ShareFileClient>

ShareFileClient object indicated the file to close handle.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-ShareName <System.String>

Name of the file share where the files/directories would be listed.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.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 <System.Management.Automation.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

Microsoft.Azure.Storage.File.CloudFileShare

Microsoft.Azure.Storage.File.CloudFileDirectory

Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext

OUTPUTS

Microsoft.Azure.Storage.File.CloseFileHandleResultSegment

NOTES

----- Example 1: Close all file handles on a file -----

```
Close-AzStorageFileHandle -ShareName "mysharename" -Path 'dir1/dir2/test.txt' -CloseAll
```

This command closes all file handles on a file.

Example 2: Close all file handles which is opened 1 day ago on a file directory

```
Get-AzStorageFileHandle -ShareName "mysharename" -Path 'dir1/dir2' -Recursive | Where-Object  
{$_ .OpenTime.DateTime.AddDays(1) -lt (Get-Date)} |  
Close-AzStorageFileHandle -ShareName "mysharename"
```

This command lists all file handles on a file directory recursively, filters out the handles which are opened 1 day ago, and then closes them.

Example 3: Close all file handles on a file directory recursively and show the closed file handle count

```
Close-AzStorageFileHandle -ShareName "mysharename" -Path 'dir1/dir2' -Recursive -CloseAll -PassThru
```

10

This command closes all file handles on a file directory and shows the closed file handle count.

----- Example 4: Close all file handles on a file share -----

```
Close-AzStorageFileHandle -ShareName "mysharename" -CloseAll -Recursive
```

This command closes all file handles on a specific file share recursively.

