



Windows PowerShell Get-Help on Cmdlet 'New-AzStorageDirectory'

PS:\>Get-HELP New-AzStorageDirectory -Full

NAME

New-AzStorageDirectory

SYNOPSIS

Creates a directory.

SYNTAX

```
New-AzStorageDirectory [-Directory] <Microsoft.Azure.Storage.File.CloudFileDirectory> [-Path] <System.String>
[-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>]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-ShareDirectoryClient <Azure.Storage.Files.Shares.ShareDirectoryClient>] [<CommonParameters>]

New-AzStorageDirectory [-ShareName] <System.String> [-Path] <System.String> [-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]
[-ServerTimeoutPerRequest
<System.Nullable`1[System.Int32]>] [<CommonParameters>]

New-AzStorageDirectory [-Share] <Microsoft.Azure.Storage.File.CloudFileShare> [-Path] <System.String>
[-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>]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ShareClient
<Azure.Storage.Files.Shares.ShareClient>] [<CommonParameters>]

```

DESCRIPTION

The New-AzStorageDirectory cmdlet creates a directory. This cmdlet returns a CloudFileDirectory object.

PARAMETERS

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

Specifies the client-side time-out interval, in seconds, for one service request. If the previous call fails in the specified interval, this cmdlet retries the request. If this cmdlet does not receive a successful response before the interval elapses, this cmdlet returns an error.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the maximum concurrent network calls. You can use this parameter to limit the concurrency to throttle local CPU and bandwidth usage by specifying the

maximum number of concurrent network calls. The specified value is an absolute count and is not multiplied by the

core count. This parameter can help reduce

network connection problems in low bandwidth environments, such as 100 kilobits per second. 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>

Specifies an Azure storage context. To obtain a storage context, use the `New-AzStorageContext` (`./New-AzStorageContext.md`)cmdlet.

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>

Specifies a folder as a `CloudFileDirectory` object. This cmdlet creates the folder in the location that this parameter specifies. To obtain a directory, use the

`New-AzStorageDirectory` cmdlet. You can also use the `Get-AzStorageFile` cmdlet to obtain a directory.

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

-Path <System.String>

Specifies the path of a folder. This cmdlet creates a folder for the path that this cmdlet specifies.

Required? true
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName, ByValue)
Accept wildcard characters? false

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

Specifies the length of the time-out period for the server part of a request.

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

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

Specifies a CloudFileShare object. This cmdlet creates a folder in the file share that this parameter specifies. To obtain a CloudFileShare object, use the

Get-AzStorageShare cmdlet. This object contains the storage context. If you specify this parameter, do not specify the Context parameter.

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 where the files/directories would be listed.

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 where the files/directories would be listed.

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

-ShareName <System.String>

Specifies the name of the file share. This cmdlet creates a folder in the file share that this parameter specifies.

Required?	true
Position?	0
Default value	None
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

System.String

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

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageFileDirectory

NOTES

----- Example 1: Create a folder in a file share -----

```
New-AzStorageDirectory -ShareName "ContosoShare06" -Path "ContosoWorkingFolder"
```

This command creates a folder named ContosoWorkingFolder in the file share named ContosoShare06.

Example 2: Create a folder in a file share specified in a file share object

```
Get-AzStorageShare -Name "ContosoShare06" | New-AzStorageDirectory -Path "ContosoWorkingFolder"
```

This command uses the Get-AzStorageShare cmdlet to get the file share named ContosoShare06, and then passes it to the current cmdlet by using the pipeline operator.

The current cmdlet creates the folder named ContosoWorkingFolder in ContosoShare06.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/new-azstoragedirectory>

Get-AzStorageFile

Get-AzStorageShare

New-AzStorageContext

New-AzStorageDirectory

Remove-AzStorageDirectory