



Windows PowerShell Get-Help on Cmdlet 'Get-AzStorageBlobCopyState'

PS:\>Get-HELP Get-AzStorageBlobCopyState -Full

NAME

Get-AzStorageBlobCopyState

SYNOPSIS

Gets the copy status of an Azure Storage blob.

SYNTAX

```
Get-AzStorageBlobCopyState [-Blob] <System.String> [-Container] <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]>]
[-WaitForComplete] [<CommonParameters>]
```

```
Get-AzStorageBlobCopyState [-Blob] <System.String> [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
-CloudBlobContainer
<Microsoft.Azure.Storage.Blob.CloudBlobContainer> [-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]>]
    [-WaitForComplete] [<CommonParameters>]

    Get-AzStorageBlobCopyState [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] -CloudBlob
    <Microsoft.Azure.Storage.Blob.CloudBlob> [-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]>]
    [-WaitForComplete] [<CommonParameters>]

```

DESCRIPTION

The Get-AzStorageBlobCopyState cmdlet gets the copy status of an Azure Storage blob. It should run on the copy destination blob.

PARAMETERS

-Blob <System.String>

Specifies the name of a blob. This cmdlet gets the state of the blob copy operation for the Azure Storage blob that this parameter specifies.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-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

-CloudBlob <Microsoft.Azure.Storage.Blob.CloudBlob>

Specifies a CloudBlob object from Azure Storage Client library. To obtain a CloudBlob object, use the Get-AzStorageBlob cmdlet.

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

-CloudBlobContainer <Microsoft.Azure.Storage.Blob.CloudBlobContainer>

Specifies a CloudBlobContainer object from the Azure Storage Client library. This cmdlet gets the copy status of a blob in the container that this parameter specifies. To obtain a CloudBlobContainer object, use the Get-AzStorageContainer cmdlet.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
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

-Container <System.String>

Specifies the name of a container. This cmdlet gets the copy status for a blob in the container that this parameter specifies.

Required?	true
Position?	1
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 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

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

Specifies the service side time-out interval, in seconds, for a request. If the specified interval elapses before the service processes the request, the storage service returns an error.

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

-WaitForComplete <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet waits for the copy to finish. If you do not specify this parameter, this cmdlet returns a result immediately.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Storage.Blob.CloudBlobContainer

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

OUTPUTS

Microsoft.Azure.Storage.Blob.CopyState

NOTES

----- Example 1: Get the copy status of a blob -----

```
Get-AzStorageBlobCopyState -Blob "ContosoPlanning2015" -Container "ContosoUploads"
```

This command gets the copy status of the blob named ContosoPlanning2015 in the container ContosoUploads.

Example 2: Get the copy status for of a blob by using the pipeline

```
Get-AzStorageBlob -Blob "ContosoPlanning2015" -Container "ContosoUploads" | Get-AzStorageBlobCopyState
```

This command gets the blob named ContosoPlanning2015 in the container named ContosoUploads by using the Get-AzStorageBlob cmdlet, and then passes the result to the

current cmdlet by using the pipeline operator. The Get-AzStorageBlobCopyState cmdlet gets the copy status for that blob.

Example 3: Get the copy status for a blob in a container by using the pipeline

```
Get-AzStorageContainer -Name "ContosoUploads" | Get-AzStorageBlobCopyState -Blob "ContosoPlanning2015"
```

This command gets the container named by using the `Get-AzStorageBlob` cmdlet, and then passes the result to the current cmdlet. The `Get-AzStorageContainer` cmdlet gets

the copy status for the blob named `ContosoPlanning2015` in that container.

-- Example 4: Start Copy and pipeline to get the copy status --

```
$destBlob = Start-AzStorageBlobCopy -SrcContainer "contosouploads" -SrcBlob "ContosoPlanning2015" -DestContainer  
"contosouploads2" -DestBlob "ContosoPlanning2015_copy"
```

```
$destBlob | Get-AzStorageBlobCopyState
```

The first command starts copy blob `"ContosoPlanning2015"` to `"ContosoPlanning2015_copy"`, and output the destination blob object. The second command pipeline the destination blob object to `Get-AzStorageBlobCopyState`, to get blob copy state.

RELATED LINKS

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

`Start-AzStorageBlobCopy`

`Stop-AzStorageBlobCopy`