



Windows PowerShell Get-Help on Cmdlet 'Copy-AzStorageBlob'

PS:\>Get-HELP Copy-AzStorageBlob -Full

NAME

Copy-AzStorageBlob

SYNOPSIS

Copy a blob synchronously.

SYNTAX

```
Copy-AzStorageBlob -AbsoluteUri <System.String> [-AsJob] [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestBlob
<System.String> [-DestBlobType {Block | Page | Append}]
-DestContainer <System.String> [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-EncryptionScope <System.String>]
[-Force] [-RehydratePriority {Standard | High}] [-StandardBlobTier <System.String>] [-TagCondition <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Copy-AzStorageBlob [-AsJob] [-BlobBaseClient <Azure.Storage.Blobs.Specialized.BlobBaseClient>] [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestBlob
```

```

<System.String>] [-DestBlobType {Block | Page | Append}]
                                -DestContainer          <System.String>          [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-EncryptionScope <System.String>]
    [-Force] [-RehydratePriority {Standard | High}] [-StandardBlobTier <System.String>] [-TagCondition <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]

                                Copy-AzStorageBlob      [-SrcBlob]              <System.String>          [-AsJob]          [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
                                <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestBlob
<System.String>] [-DestBlobType {Block | Page | Append}]
                                -DestContainer          <System.String>          [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-EncryptionScope <System.String>]
    [-Force] [-RehydratePriority {Standard | High}] -SrcContainer <System.String> [-StandardBlobTier <System.String>]
[-TagCondition <System.String>] [-Confirm] [-WhatIf]
    [<CommonParameters>]

```

DESCRIPTION

The Copy-AzStorageBlob cmdlet copies a blob synchronously, currently only support block blob.

PARAMETERS

-AbsoluteUri <System.String>

Source blob uri

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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

-BlobBaseClient <Azure.Storage.Blobs.Specialized.BlobBaseClient>

BlobBaseClient Object

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

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

Source 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

-DestBlob <System.String>

Destination blob name

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DestBlobType <System.String>

Destination blob type

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DestContainer <System.String>

Destination container name

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Destination Storage context object

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-EncryptionScope <System.String>

Encryption scope to be used when making requests to the dest blob.

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

-Force <System.Management.Automation.SwitchParameter>

Force to overwrite the existing blob or file

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

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

Block Blob RehydratePriority. Indicates the priority with which to rehydrate an archived blob. Valid values are High/Standard.

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

-SrcBlob <System.String>

Blob name

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SrcContainer <System.String>

Source Container name

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-StandardBlobTier <System.String>

Block Blob Tier, valid values are Hot/Cool/Archive/Cold. See detail in

<https://learn.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TagCondition <System.String>

Optional Tag expression statement to check match condition. The blob request will fail when the blob tags does not match the given expression. See details in

<https://learn.microsoft.com/en-us/rest/api/storageservices/specifying-conditional-headers-for-blob-service-operations#tags-conditional-operations>.

Required? false
Position? named
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

System.String

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

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageBlob

NOTES

----- Example 1: Copy a named blob to another -----

```
$destBlob = Copy-AzStorageBlob -SrcContainer "sourcecontainername" -SrcBlob "srcblobname" -DestContainer  
"destcontainername" -DestBlob "destblobname"
```

This command copies a blob from source container to the destination container with a new blob name.

----- Example 2: Copy blob from a blob object -----

```
$srcBlob = Get-AzStorageBlob -Container $containerName -Blob $blobName -Context $ctx  
$destBlob = $srcBlob | Copy-AzStorageBlob -DestContainer "destcontainername" -DestBlob "destblobname"
```

This command copies a blob from source blob object to the destination container with a new blob name.

----- Example 3: Copy blob from a blob Uri -----

```
$srcBlobUri = New-AzStorageBlobSASToken -Container $srcContainerName -Blob $srcBlobName -Permission rt
-ExpiryTime (Get-Date).AddDays(7) -FullUri

$destBlob = Copy-AzStorageBlob -AbsoluteUri $srcBlobUri -DestContainer "destcontainername" -DestBlob
"destblobname"
```

The first command creates a blob Uri of the source blob, with sas token of permission "rt". The second command copies from source blob Uri to the destination blob.

----- Example 4: Update a block blob encryption scope -----

```
$blob = Copy-AzStorageBlob -SrcContainer $containerName -SrcBlob $blobname -DestContainer $containername
-EncryptionScope $newScopeName -Force
```

This command update a block blob encryption scope by copy it to itself with a new encryption scope.

----- Example 5: Copy a blob to a new append blob -----

```
$srcBlob = Get-AzStorageBlob -Container $containerName -Blob $blobName -Context $ctx

$destBlob = Copy-AzStorageBlob -SrcContainer "sourcecontainername" -SrcBlob "srcblobname" -DestContainer
"destcontainername" -DestBlob "destblobname" -DestBlobType
"Append" -DestContext $destCtx
```

