



Windows PowerShell Get-Help on Cmdlet 'Start-AzStorageFileCopy'

PS:\>Get-HELP Start-AzStorageFileCopy -Full

NAME

Start-AzStorageFileCopy

SYNOPSIS

Starts to copy a source file.

SYNTAX

```
Start-AzStorageFileCopy -AbsoluteUri <System.String> [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-Force]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Start-AzStorageFileCopy -AbsoluteUri <System.String> [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DestFile
<Microsoft.Azure.Storage.File.CloudFile>] [-DestShareFileClient
 <Azure.Storage.Files.Shares.ShareFileClient>] [-Force] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-Confirm] [-WhatIf] [<CommonParameters>]

Start-AzStorageFileCopy [-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>] [-DestContext
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-DisallowDestTrailingDot]
 [-Force] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcBlobName <System.String>
-SrcContainerName <System.String> [-Confirm] [-WhatIf]
 [<CommonParameters>]

Start-AzStorageFileCopy [-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>] [-DestContext
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-DisallowDestTrailingDot]
 [-DisallowSourceTrailingDot] [-Force] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcFilePath
<System.String> -SrcShareName <System.String>
 [-Confirm] [-WhatIf] [<CommonParameters>]

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DestFile
<Microsoft.Azure.Storage.File.CloudFile>] [-DestShareFileClient
 <Azure.Storage.Files.Shares.ShareFileClient>] [-Force] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
-SrcBlob <Microsoft.Azure.Storage.Blob.CloudBlob>
 [-Confirm] [-WhatIf] [<CommonParameters>]

```

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DestFile
<Microsoft.Azure.Storage.File.CloudFile>] [-DestShareFileClient
<Azure.Storage.Files.Shares.ShareFileClient>] [-Force] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
-SrcFile <Microsoft.Azure.Storage.File.CloudFile>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-Force]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcBlobName <System.String> -SrcContainer
<Microsoft.Azure.Storage.Blob.CloudBlobContainer> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-Force]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcBlob <Microsoft.Azure.Storage.Blob.CloudBlob>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DestContext
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-Force]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcFilePath <System.String> -SrcShare

```

<Microsoft.Azure.Storage.File.CloudFileShare> [-Confirm] [-WhatIf]

[<CommonParameters>]

Start-AzStorageFileCopy [-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-ConcurrentTaskCount
<System.Nullable`1[System.Int32]>] [-DefaultProfile

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

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] -DestFilePath <System.String>
-DestShareName <System.String> [-Force]

[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] -SrcFile <Microsoft.Azure.Storage.File.CloudFile>
[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Start-AzStorageFileCopy cmdlet starts to copy a source file to a destination file. This cmdlet will trigger asynchronous blob copy, the copy process is handled by

server. If this is a cross account blob copy, there is no SLA for the blob copy.

PARAMETERS

-AbsoluteUri <System.String>

Specifies the URI of the source file. If the source location requires a credential, you must provide one.

Required? true

Position? named

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

-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 context, use the New-AzStorageContext cmdlet.

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

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

Specifies the Azure Storage context of the destination. To obtain a context, use `New-AzStorageContext` .

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

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

Specifies a CloudFile object. You can create a cloud file or obtain one by using the `Get-AzStorageFile` cmdlet.

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

-DestFilePath <System.String>

Specifies the path of the destination file relative to the destination share.

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

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

ShareFileClient object indicated the Dest file.

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

-DestShareName <System.String>

Specifies the name of the destination share.

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

-DisallowDestTrailingDot <System.Management.Automation.SwitchParameter>

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

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

-DisallowSourceTrailingDot <System.Management.Automation.SwitchParameter>

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

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

-Force <System.Management.Automation.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

-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

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

Specifies a CloudBlob object. You can create a cloud blob or obtain one by using the Get-AzStorageBlob cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-SrcBlobName <System.String>

Specifies the name of the source blob.

Required? true

Position? named

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

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

Specifies a cloud blob container object. You can create cloud blob container object or use the Get-AzStorageContainer cmdlet.

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

-SrcContainerName <System.String>

Specifies the name of the source container.

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

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

Specifies a CloudFile object. You can create a cloud file or obtain one by using Get-AzStorageFile .

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

-SrcFilePath <System.String>

Specifies the path of the source file relative to the source directory or source share.

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

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

Specifies a cloud file share object. You can create a cloud file share or obtain one by using the Get-AzStorageShare cmdlet.

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

-SrcShareName <System.String>

Specifies the name of the source share.

Required?	true
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

Microsoft.Azure.Storage.Blob.CloudBlob

Microsoft.Azure.Storage.File.CloudFile

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

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageFile

NOTES

Example 1: Start copy operation from file to file by using share name and file name

```
Start-AzStorageFileCopy -SrcShareName "ContosoShare01" -SrcFilePath "FilePath01" -DestShareName  
"ContosoShare02" -DestFilePath "FilePath02"
```

This command starts a copy operation from file to file. The command specifies share name and file name

Example 2: Start copy operation from blob to file by using container name and blob name

```
Start-AzStorageFileCopy -SrcContainerName "ContosoContainer01" -SrcBlobName "ContosoBlob01" -DestShareName  
"ContosoShare" -DestFilePath "FilePath02"
```

This command starts a copy operation from blob to file. The command specifies container name and blob name

RELATED LINKS

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

Get-AzStorageBlob

Get-AzStorageContainer

Get-AzStorageFile

Get-AzStorageShare

Get-AzStorageFileCopyState

Stop-AzStorageFileCopy

