



Windows PowerShell Get-Help on Cmdlet 'Restore-AzDataLakeStoreDeletedItem'

PS:\>Get-HELP Restore-AzDataLakeStoreDeletedItem -Full

NAME

Restore-AzDataLakeStoreDeletedItem

SYNOPSIS

Restore a deleted file or folder in Azure Data Lake.

SYNTAX

```
Restore-AzDataLakeStoreDeletedItem [-Account] <System.String> [-DeletedItem]
<Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreDeletedItem> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-PassThru]
[-RestoreAction <System.String>] [<CommonParameters>]
```

```
Restore-AzDataLakeStoreDeletedItem [-Account] <System.String> [-Path] <System.String> [-Destination]
<System.String> [-Type] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-PassThru]
[-RestoreAction <System.String>] [<CommonParameters>]
```

DESCRIPTION

The Restore-AzDataLakeStoreDeletedItem cmdlet restores a deleted file or folder in Data Lake Store. Requires the path of deleted item in trash returned by

Get-AzDataLakeStoreDeletedItem. Caution: Undeleting files is a best effort operation. There are no guarantees that a file can be restored once it is deleted. The use

of this API is enabled via allowlisting. If your ADL account is not allowlisted, then using this api will throw NotImplemented exception. For further information

and assistance please contact Microsoft support.

PARAMETERS

-Account <System.String>

Specifies the name of the Data Lake Store account.

Required? true

Position? 0

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

-DeletedItem <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreDeletedItem>

The deleted item object.

Required? true

Position? 1

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

-Destination <System.String>

The destination path to where the deleted file or folder should be restored.

Required? true
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
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

-PassThru <System.Management.Automation.SwitchParameter>

Return boolean true on success.

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

-Path <System.String>

The path of the deleted file or folder in trash.

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

-RestoreAction <System.String>

Action to take on destination name conflicts - "copy" or "overwrite"

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

-Type <System.String>

The type of entry being restored - "file" or "folder"

Required? true
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
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

System.String

OUTPUTS

None

NOTES

Example 1: Restore a file from the Data Lake Store using -force option

```
Restore-AzDataLakeStoreDeletedItem -Account ml1ptrashtest -Path 927e8fb1-a287-4353-b50e-3b4a39ae4088  
-Destination  
adl://ml1ptrashtest.azuredatalake.com/test0/file_1230 -Type "file" -Force
```

This command restores a file from the Data Lake Store using -force option

Example 2: Restore a file from Data Lake Store using user confirmation

```
Restore-AzDataLakeStoreDeletedItem -Account ml1ptrashtest -Path 927e8fb1-a287-4353-b50e-3b4a39ae4088  
-Destination  
adl://ml1ptrashtest.azuredatalake.com/test4/file_1115 -Type file
```

Restore user data ?

From - 927e8fb1-a287-4353-b50e-3b4a39ae4088

To - adl://ml1ptrashtest.azuredatalake.com/test4/file_1115

Type - file

[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y

This command restores a file from Data Lake Store using user confirmation

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datalakestore/restore-azdatalakestoredeleteditem>

Get-AzDataLakeStoreDeletedItem