



Windows PowerShell Get-Help on Cmdlet 'Set-AzDataLakeStoreItemAcl'

PS:\>Get-HELP Set-AzDataLakeStoreItemAcl -Full

NAME

Set-AzDataLakeStoreItemAcl

SYNOPSIS

Modifies the ACL of a file or folder in Data Lake Store.

SYNTAX

```

Set-AzDataLakeStoreItemAcl [-Account] <System.String> [-Path]
<Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStorePathInstance> [-Acl]
    <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreItemAce[]> [-Concurrency <System.Int32>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-Recurse] [-ShowProgress] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The Set-AzDataLakeStoreItemAcl cmdlet modifies the access control list (ACL) of a file or folder in Data Lake Store.

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

-Acl <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreItemAce[]>

Specifies an ACL for a file or a folder.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Concurrency <System.Int32>

Number of files/directories processed in parallel. Optional: a reasonable default will be selected.

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

-PassThru <System.Management.Automation.SwitchParameter>

Indicates the resulting ACL should be returned.

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Path <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStorePathInstance>

Specifies the Data Lake Store path of the file or folder, starting with the root directory (/).

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

-Recurse <System.Management.Automation.SwitchParameter>

Indicates the ACL to be set recursively to the child subdirectories and files

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ShowProgress <System.Management.Automation.SwitchParameter>

If passed then progress status is showed. Only applicable when recursive Acl set is done.

Required?	false
Position?	named
Default value	False
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>).

System.String

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStorePathInstance

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreItemAce[]

System.Management.Automation.SwitchParameter

System.Int32

OUTPUTS

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreItemAce

NOTES

----- Example 1: Set the ACL for a file and a folder -----

```
$ACL = Get-AzDataLakeStoreItemAclEntry -AccountName "ContosoADL" -Path /
```

```
Set-AzDataLakeStoreItemAcl -AccountName "ContosoADL" -Path "/MyFiles/Test.txt" -Acl $ACL
```

The first command gets the ACL for the root directory of the ContosoADL account, and then stores it in the \$ACL variable. The second command sets the ACL for the file

Test.txt to the one in \$ACL.

----- Example 2: Set the ACL for folder recursively -----

```
$ACL = Get-AzDataLakeStoreItemAclEntry -AccountName "ContosoADL" -Path /Folder1
```

```
Set-AzDataLakeStoreItemAcl -AccountName "ContosoADL" -Path "/Folder2" -Acl $ACL -Recurse -Concurrency 128
```

The first command gets the ACL for the directory Folder1 of the ContosoADL account, and then stores it in the \$ACL variable. The second command sets the ACL

recursively to Folder2 and its sub directories and files to the one in \$ACL.

RELATED LINKS

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