



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

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

NAME

Set-AzDataLakeStoreItemAclEntry

SYNOPSIS

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

SYNTAX

```

Set-AzDataLakeStoreItemAclEntry [-Account] <System.String> [-Path]
<Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStorePathInstance> [-AceType] {User | Group
| Mask | Other} [[-Id] <System.Guid> [[-Default]] [-Permissions]
<Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreEnums+Permission> [-Concurrency
<System.Int32>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru] [-Recurse]
[-ShowProgress]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzDataLakeStoreItemAclEntry [-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-AzDataLakeStoreItemAclEntry cmdlet modifies an entry (ACE) in 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

-AceType <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreEnums+AceType>

Specifies the type of ACE to modify. The acceptable values for this parameter are: - User

- Group

- Mask

- Other

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Specifies the ACL object that contains the entries to modify.

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

-Default <System.Management.Automation.SwitchParameter>

Indicates that this operation modifies the default ACE from the specified ACL.

Required? false

Position? 4

Default value False

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

-Id <System.Guid>

Specifies the object ID of the AzureActive Directory user, group, or service principal for which to modify an ACE.

Required? false
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
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 item for which to modify an ACE, starting with the root directory (/).

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

-Permissions <Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreEnums+Permission>

Specifies the permissions for the ACE. The acceptable values for this parameter are: - None

- Execute

- Write

- WriteExecute

- Read

- ReadExecute

- ReadWrite

- All

Required? true

Position? 4

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Recurse <System.Management.Automation.SwitchParameter>

Indicates the ACL to be modified 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 modify 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

System.String

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStorePathInstance

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

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreEnums+AceType

System.Guid

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreEnums+Permission

System.Management.Automation.SwitchParameter

System.Int32

OUTPUTS

Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreItemAce

NOTES

----- Example 1: Modify permissions for an ACE -----

```
Set-AzDataLakeStoreItemAclEntry -AccountName "ContosoADL" -Path / -AceType User -Id (Get-AzADUser -Mail "PattiFuller@contoso.com").ObjectId -Permissions All
```

This command modifies the ACE for Patti Fuller to have all permissions.

----- Example 2: Modify permissions for an ACE recursively -----

```
Set-AzDataLakeStoreItemAclEntry -AccountName "ContosoADL" -Path / -AceType User -Id (Get-AzADUser -Mail "PattiFuller@contoso.com").ObjectId -Permissions All -Recurse  
-Concurrency 128
```

Example 3: Modify permissions for an ACE recursively using Acl object

```
$fullAcl="user:user1:--x,default:user:user1:--x"  
$newFullAcl = $fullAcl.Split(",")  
Set-AzDataLakeStoreItemAclEntry -AccountName "ContosoADL" -Path / -Acl $newFullAcl -Recurse -Concurrency 128  
-ShowProgress -Verbose
```

This command recursively modifies the ACE for Patti Fuller to have all permissions to root and all its subdirectories and files.

RELATED LINKS

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

