



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

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

NAME

Set-AzDataLakeAnalyticsCatalogItemAclEntry

SYNOPSIS

Modifies an entry in the ACL of a catalog or catalog item in Data Lake Analytics.

SYNTAX

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Group -ObjectId

<System.Guid> -Permissions {None | Read | ReadWrite}

[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Group -ItemType

<System.String> -ObjectId <System.Guid> -Path

<Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance> -Permissions {None | Read | ReadWrite}

[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -GroupOwner
-Permissions {None | Read | ReadWrite} [-Confirm] [-WhatIf]
[<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -GroupOwner
-ItemType <System.String> -Path
<Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance> -Permissions {None | Read | ReadWrite}
[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ItemType
<System.String> -ObjectId <System.Guid> -Path
<Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance> -Permissions {None | Read | ReadWrite}
-User [-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ItemType
<System.String> -Other -Path
<Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance> -Permissions {None | Read | ReadWrite}
[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ItemType
<System.String> -Path
<Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance> -Permissions {None | Read | ReadWrite}
-UserOwner [-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ObjectId
<System.Guid> -Permissions {None | Read | ReadWrite} -User
[-Confirm] [-WhatIf] [<CommonParameters>]

```
Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Other -Permissions  
{None | Read | ReadWrite} [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

```
Set-AzDataLakeAnalyticsCatalogItemAclEntry [-Account] <System.String> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Permissions {None |  
Read | ReadWrite} -UserOwner [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

DESCRIPTION

The `Set-AzDataLakeAnalyticsCatalogItemAclEntry` cmdlet adds or modifies an entry (ACE) in the access control list (ACL) of a catalog or catalog item in Data Lake Analytics.

PARAMETERS

`-Account <System.String>`

Specifies the Data Lake Analytics account name.

Required?	true
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Position?	0
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Default value	None
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Accept pipeline input?	True (ByPropertyName)
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Accept wildcard characters?	false
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`-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>`

The credentials, account, tenant, and subscription used for communication with Azure.

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

Accept wildcard characters? false

-Group <System.Management.Automation.SwitchParameter>

Set ACL entry of catalog for group.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-GroupOwner <System.Management.Automation.SwitchParameter>

Set ACL entry of catalog for group owner.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ItemType <System.String>

Specifies the type of the catalog or catalog item(s). The acceptable values for this parameter are: - Catalog

- Database

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ObjectId <System.Guid>

The identity of the user to set.

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

-Other <System.Management.Automation.SwitchParameter>

Set ACL entry of catalog for other.

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

-Path <Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance>

Specifies the Data Lake Analytics path of an catalog or catalog item. The parts of the path should be separated by a period (.).

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

-Permissions <Microsoft.Azure.Commands.DataLakeAnalytics.Models.DataLakeAnalyticsEnums+PermissionType>

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

- Read

- ReadWrite

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

-User <System.Management.Automation.SwitchParameter>

Set ACL entry of catalog for user.

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

-UserOwner <System.Management.Automation.SwitchParameter>

Set ACL entry of catalog for user owner.

Required? true
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>).

INPUTS

System.String

System.Guid

Microsoft.Azure.Commands.DataLakeAnalytics.Models.CatalogPathInstance

Microsoft.Azure.Commands.DataLakeAnalytics.Models.DataLakeAnalyticsEnums+PermissionType

OUTPUTS

Microsoft.Azure.Commands.DataLakeAnalytics.Models.PSDataLakeAnalyticsAcl

NOTES

```
----- Example 1: Modify user permissions for a catalog -----  
  
Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -User -ObjectId (Get-AzADUser -Mail  
"PattiFuller@contoso.com").Id -Permissions Read
```

Type	Id	Permissions
----	--	-----
User	90a6f74b-fd73-490e-900a-c4f0f9694d02	Read
Group	902b155a-5601-4ca8-8178-ad3289211f88	ReadWrite
Other	00000000-0000-0000-0000-000000000000	None
User	bd0b55bb-3a57-442a-b2f6-78c95c10ef86	Read

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

```
----- Example 2: Modify user Permissions for a database -----  
  
Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -User -ObjectId (Get-AzADUser -Mail  
"PattiFuller@contoso.com").Id -ItemType Database -Path  
"databaseName" -Permissions Read
```

Type	Id	Permissions
----	--	-----
User	90a6f74b-fd73-490e-900a-c4f0f9694d02	Read
Group	902b155a-5601-4ca8-8178-ad3289211f88	ReadWrite
Other	00000000-0000-0000-0000-000000000000	None

User bd0b55bb-3a57-442a-b2f6-78c95c10ef86 Read

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

----- Example 3: Modify other permissions for a catalog -----

Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -Other -Permissions Read

Type	Id	Permissions
----	--	-----
User	90a6f74b-fd73-490e-900a-c4f0f9694d02	Read
Group	902b155a-5601-4ca8-8178-ad3289211f88	ReadWrite
Other	00000000-0000-0000-0000-000000000000	Read
User	bd0b55bb-3a57-442a-b2f6-78c95c10ef86	Read

This command modifies the catalog ACE for other to have read permissions.

----- Example 4: Modify other Permissions for a database -----

Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -Other -ItemType Database -Path "databaseName" -Permissions Read

Type	Id	Permissions
----	--	-----
User	90a6f74b-fd73-490e-900a-c4f0f9694d02	Read
Group	902b155a-5601-4ca8-8178-ad3289211f88	ReadWrite
Other	00000000-0000-0000-0000-000000000000	Read
User	bd0b55bb-3a57-442a-b2f6-78c95c10ef86	Read

---- Example 5: Modify user owner permissions for a catalog ----

```
Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -UserOwner -Permissions Read
```

Type	Id	Permissions
----	--	-----
UserOwner	0316ac75-6703-4ace-984f-a4dd79aeefc	Read

This command sets the owner permission for the account to Read.

--- Example 6: Modify user owner Permissions for a database ---

```
Set-AzDataLakeAnalyticsCatalogItemAclEntry -Account "contosoadla" -UserOwner -ItemType Database -Path "databaseName" -Permissions Read
```

Type	Id	Permissions
----	--	-----
GroupOwner	0316ac75-6703-4ace-984f-a4dd79aeefc	Read

This command sets the owner permission for the database to Read.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.datalakeanalytics/set-azdatalakeanalyticscatalogitemaclentry>

[Get-AzDataLakeAnalyticsCatalogItemAclEntry](#)

[Remove-AzDataLakeAnalyticsCatalogItemAclEntry](#)

[U-SQL now offers database level access control](#)

