



Windows PowerShell Get-Help on Cmdlet 'New-AzDataLakeAnalyticsAccount'

PS:\>Get-HELP New-AzDataLakeAnalyticsAccount -Full

NAME

New-AzDataLakeAnalyticsAccount

SYNOPSIS

Creates a Data Lake Analytics account.

SYNTAX

```
New-AzDataLakeAnalyticsAccount [-ResourceGroupName] <System.String> [-Name] <System.String> [-Location]
<System.String> [-DefaultDataLakeStore] <System.String>
                                     [[-Tag]                               <System.Collections.Hashtable>]                               [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
                                     [-MaxAnalyticsUnits <System.Nullable`1[System.Int32]>] [-MaxJobCount <System.Nullable`1[System.Int32]>]
[-QueryStoreRetention <System.Nullable`1[System.Int32]>]
                                     [-Tier {Consumption | Commitment100AUHours | Commitment500AUHours | Commitment1000AUHours |
Commitment5000AUHours | Commitment10000AUHours | Commitment50000AUHours |
Commitment100000AUHours | Commitment500000AUHours}] [<CommonParameters>]
```

The New-AzDataLakeAnalyticsAccount cmdlet creates an Azure Data Lake Analytics account.

PARAMETERS

-DefaultDataLakeStore <System.String>

Specifies the name of the Data Lake Store account to set as the default data source.

Required? true

Position? 3

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

-Location <System.String>

Specifies the location at which to create the Data Lake Analytics account. Only East US 2 is supported at this time.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MaxAnalyticsUnits <System.Nullable`1[System.Int32]>

The optional maximum supported analytics units for this account.

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

-MaxJobCount <System.Nullable`1[System.Int32]>

The optional maximum supported jobs running under the account at the same time. If none is specified, defaults to 3

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

-Name <System.String>

Specifies the Data Lake Analytics account name.

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

-QueryStoreRetention <System.Nullable`1[System.Int32]>

The optional number of days that job metadata is retained. If none specified, the default is 30 days.

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

-ResourceGroupName <System.String>

Specifies the resource group name of the Data Lake Analytics account. To create a resource group, use the New-AzResourceGroup cmdlet.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Tag <System.Collections.Hashtable>

A string,string dictionary of tags associated with this account

Required?	false
Position?	4
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Tier <System.Nullable`1[Microsoft.Azure.Management.DataLake.Analytics.Models.TierType]>

The desired commitment tier for this account to use.

Required?	false
Position?	named
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>).

INPUTS

System.String

System.Collections.Hashtable

System.Nullable`1[[System.Int32, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

System.Nullable`1[[Microsoft.Azure.Management.DataLake.Analytics.Models.TierType, Microsoft.Azure.Management.DataLake.Analytics, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35]]

OUTPUTS

Microsoft.Azure.Commands.DataLakeAnalytics.Models.PSDDataLakeAnalyticsAccount

NOTES

----- Example 1: Create a Data Lake Analytics account -----

New-AzDataLakeAnalyticsAccount -Name "ContosoAdlAccount" -ResourceGroupName "ContosoOrg" -Location "East US 2" -DefaultDataLakeStore "ContosoAdlStore"

This command creates a Data Lake Analytics account named ContosoAdlAccount that uses the ContosoAdlStore Data Store, in the resource group named ContosoOrg.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datalakeanalytics/new-azdatalakeanalyticsaccount>

Get-AzDataLakeAnalyticsAccount

Remove-AzDataLakeAnalyticsAccount

Set-AzDataLakeAnalyticsAccount

Test-AzDataLakeAnalyticsAccount