



## Windows PowerShell Get-Help on Cmdlet 'Add-AzLogProfile'

**PS:\>Get-HELP Add-AzLogProfile -Full**

### NAME

Add-AzLogProfile

### SYNOPSIS

Creates a new activity log profile. This profile is used to either archive the activity log to an Azure storage account or stream it to an Azure event hub in the same subscription.

### SYNTAX

```
Add-AzLogProfile [-Category <System.Collections.Generic.List`1[System.String]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location
    <System.Collections.Generic.List`1[System.String]> -Name
    <System.String> [-RetentionInDays <System.Nullable`1[System.Int32]>] [-ServiceBusRuleId <System.String>]
    [-StorageAccountId <System.String>] [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

### DESCRIPTION

The Add-AzLogProfile cmdlet creates a log profile. - Storage Account - Only standard storage account (premium storage

account is not supported) is supported. It could

either be of type ARM or Classic. If it's logged to a storage account, the cost of storing the activity log is billed at normal standard storage rates. There could be

only one log profile per subscription consequentially only one storage account per subscription can be used to export activity log. - Event Hub - There could be only

one log profile per subscription consequentially only one event hub per subscription can be used to export activity log. If activity log is streamed to an event hub,

standard event hub pricing will apply. In the activity log, events can pertain to a region or could be "Global". Global essentially means these events are region

agnostics and are independent of region, in fact majority of events fall into this category. If the activity log profile is set from the portal, it implicitly adds

"Global" along with any other region selected in the user interface. When using the cmdlet, the location as "Global" must be explicitly mentioned apart from any other

region. Note :- Failing to set "Global" in the locations will result in a majority of activity log not getting exported. This cmdlet implements the ShouldProcess

pattern, i.e. it might request confirmation from the user before actually creating, modifying, or removing the resource.

## PARAMETERS

-Category <System.Collections.Generic.List`1[System.String]>

Specifies the list of categories.

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

**-Location** <System.Collections.Generic.List`1[System.String]>

Specifies the location of the log profile. Valid values: Run below cmdlet to get the latest list of locations. `Get-AzLocation`

| `Select DisplayName`

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

**-Name** <System.String>

Specifies the name of the profile.

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

**-RetentionInDays** <System.Nullable`1[System.Int32]>

Specifies the retention policy, in days. This is the number of days the logs are preserved in the storage account specified. To retain the data forever set this

to 0 . If it's not specified, then it defaults to 0 . Normal standard storage or event hub billing rates will apply for data retention.

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

Accept wildcard characters? false

-ServiceBusRuleId <System.String>

Specifies the ID of the Service Bus rule.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-StorageAccountId <System.String>

Specifies the ID of the Storage account. ID is the fully qualified Resource ID of the storage account for example

/subscriptions/40gpe80s-9sb7-4f07-9042-b1b6a92ja9fk/resourceGroups/activitylogRG/providers/Microsoft.Storage/storageAccounts/activitylogstorageaccount

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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).

#### INPUTS

System.String

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

System.Collections.Generic.List`1[[System.String, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

#### OUTPUTS

Microsoft.Azure.Commands.Insights.OutputClasses.PSLogProfile

Example 1: Add a new log profile to export the activity log matching the location condition to a storage account

```
Add-AzLogProfile -Location "Global","West US" -Name ExportLogProfile -StorageAccountId
```

```
/subscriptions/40gpe80s-9sb7-4f07-9042-b1b6a92ja9fk/resourceGroups/activitylogRG/providers/Microsoft.Storage/storageAccounts/activitylogstorageaccount
```

Add a new log profile to export the activity log matching the location condition to a storage account

----- Example 2 -----

```
Add-AzLogProfile -Location 'Global' -Name ExportLogProfile -RetentionInDays <Int32> -ServiceBusRuleId <String>  
-StorageAccountId
```

```
/subscriptions/40gpe80s-9sb7-4f07-9042-b1b6a92ja9fk/resourceGroups/activitylogRG/providers/Microsoft.Storage/storageAccounts/activitylogstorageaccount
```

## RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.monitor/add-azlogprofile>

Get-AzLogProfile

Remove-AzLogProfile