



Windows PowerShell Get-Help on Cmdlet 'Add-AzHDInsightStorage'

PS:\>Get-HELP Add-AzHDInsightStorage -Full

NAME

Add-AzHDInsightStorage

SYNOPSIS

Adds an Azure Storage key to a cluster configuration object.

SYNTAX

```
Add-AzHDInsightStorage [-Config] <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig>
[-StorageAccountName] <System.String> [-StorageAccountKey]
                                     <System.String> [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Add-AzHDInsightStorage cmdlet adds an Azure Storage account entry to the Azure HDInsight configuration object created by the New-AzHDInsightClusterConfig cmdlet.

PARAMETERS

-Config <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig>

Specifies the HDInsight cluster configuration object that this cmdlet modifies. This object is created by the New-AzHDInsightClusterConfig cmdlet.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByValue)
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

-StorageAccountKey <System.String>

Specifies the storage account key for the storage account to be added to the new cluster.

Required?	true
Position?	2
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-StorageAccountName <System.String>

Specifies the storage account name for the storage account to be added to the cluster.

Required?	true
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Position? 1
Default value None
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

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig

OUTPUTS

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig

NOTES

Example 1: Add an Azure storage key to the cluster configuration object

```
# Primary storage account info
```

```
$storageAccountResourceGroupName = "Group"
```

```
$storageAccountResourceId = "yourstorageaccountresourceid"
```

```
$storageAccountName = "yourstorageacct001"
```

```
$storageAccountKey = (Get-AzStorageAccountKey -ResourceGroupName $storageAccountResourceGroupName -Name
```

```
$storageAccountName)[0].value
```

```
$storageContainer = "container001"
```

```
# Cluster configuration info
```

```
$location = "East US 2"
```

```
$clusterResourceGroupName = "Group"
```

```
$clusterName = "your-hadoop-001"
```

```
$clusterCreds = Get-Credential
```

```
# If the cluster's resource group doesn't exist yet, run:
```

```
# New-AzResourceGroup -Name $clusterResourceGroupName -Location $location
```

```
# Second storage account info
```

```
$secondStorageAccountResourceGroupName = "Group"
```

```
$secondStorageAccountName = "yourstorageacct002"
```

```
$secondStorageAccountKey = Get-AzStorageAccountKey `
```

```
-ResourceGroupName $secondStorageAccountResourceGroupName `
```

```
-Name $secondStorageAccountName | ForEach-Object{ $_.Key1 }
```

```
# Create the cluster
```

```
New-AzHDInsightClusterConfig `
```

```
| Add-AzHDInsightStorage `
```

```
-StorageAccountName "$secondStorageAccountName.blob.core.contoso.net" `
```

```
-StorageAccountKey $key2 `
```

```
| New-AzHDInsightCluster `
```

```
-ClusterType Hadoop `
```

```
-OSType Windows `
```

```
-ClusterSizeInNodes 4 `
```

```
-ResourceGroupName $clusterResourceGroupName `
```

```
-ClusterName $clusterName `
```

```
-HttpCredential $clusterCreds `
```

- Location \$location `
- StorageAccountResourceId \$storageAccountResourceId `
- StorageAccountKey \$storageAccountKey `
- StorageContainer \$storageContainer

This command adds an blob storage account entry to the HDInsight configuration named your-hadoop-001.

RELATED LINKS

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

New-AzHDInsightClusterConfig