



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

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

NAME

Add-AzHDInsightMetastore

SYNOPSIS

Adds a SQL Database to serve as a Hive or Oozie metastore to a cluster configuration object.

SYNTAX

```
Add-AzHDInsightMetastore [-Config] <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig>
[-MetastoreType] {HiveMetastore | OozieMetastore | AmbariDatabase}
[-SqlAzureServerName] <System.String> [-DatabaseName] <System.String> [-Credential]
<System.Management.Automation.PSCredential> [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Add-AzHDInsightMetastore cmdlet adds a Hive or Oozie metastore to the HDInsight configuration object created by the New-AzHDInsightClusterConfig cmdlet. A

metastore is a SQL Database that can be used to store metadata for Hive, Oozie, or both.

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

-Credential <System.Management.Automation.PSCredential>

Specifies the credentials to use for the AzureSQL Server database.

Required?	true
Position?	4
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-DatabaseName <System.String>

Specifies the database on the AzureSQL Server instance to use for this metastore.

Required?	true
Position?	3
Default value	None
Accept pipeline input?	False
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

-MetastoreType <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightMetastoreType>

Specifies the type of metastore. Possible values are HiveMetastore or OozieMetastore.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-SqlAzureServerName <System.String>

Specifies the AzureSQL Server instance to use for this metastore.

Required?	true
Position?	2
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

OUTPUTS

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig

NOTES

Example 1: Add a SQL database metastore 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

Hive metastore info

\$hiveSqlServer = "your-sqlserver-001"

\$hiveDb = "your-sqldb-001"

\$hiveCreds = Get-Credential

Oozie metastore info

\$oozieSqlServer = "your-sqlserver-001"

\$oozieDb = "your-sqldb-002"

\$oozieCreds = Get-Credential

Create the cluster

New-AzHDInsightClusterConfig `

| Add-AzHDInsightMetastore `

-SqlAzureServerName "\$oozieSqlServer.database.contoso.net" `

-DatabaseName \$oozieDb `

-Credential \$oozieCreds `

-MetastoreType OozieMetastore `

| Add-AzHDInsightMetastore `

-SqlAzureServerName "\$hiveSqlServer.database.contoso.net" `

-DatabaseName \$hiveDb `

-Credential \$hiveCreds `

-MetastoreType HiveMetastore `

| 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 a SQL database metastore to the cluster named your-hadoop-001.

Example 2: Add a custom Ambari database 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-002"

$clusterCreds = Get-Credential

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

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

# Custom Amari database info

$ambariSqlServer = "your-sqlserver-001"

$ambariDb = "your-sqldb-003"

$ambariCreds = Get-Credential

# Create the cluster

New-AzHDInsightClusterConfig `
```

```
| Add-AzHDInsightMetastore `
    -SqlAzureServerName "$ambariSqlServer.database.contoso.net" `
    -DatabaseName $ambariDb `
    -Credential $ambariCreds `
    -MetastoreType AmbariDatabase `
| 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 a custom Ambari database to the cluster named your-hadoop-002.

RELATED LINKS

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

New-AzHDInsightClusterConfig