



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

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

NAME

Add-AzHDInsightConfigValue

SYNOPSIS

Adds a Hadoop configuration value customization and/or a Hive shared library customization to a cluster configuration object.

SYNTAX

```
Add-AzHDInsightConfigValue [-Config] <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig> [-Core
<System.Collections.Hashtable>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HBaseEnv
<System.Collections.Hashtable>] [-HBaseSite
<System.Collections.Hashtable>] [-Hdfs <System.Collections.Hashtable>] [-HiveEnv <System.Collections.Hashtable>]
[-HiveSite <System.Collections.Hashtable>] [-MapRed
<System.Collections.Hashtable>] [-OozieEnv <System.Collections.Hashtable>] [-OozieSite
<System.Collections.Hashtable>] [-RServer <System.Collections.Hashtable>]
[-Spark2Defaults <System.Collections.Hashtable>] [-Spark2ThriftConf <System.Collections.Hashtable>] [-SparkDefaults
<System.Collections.Hashtable>] [-SparkThriftConf
<System.Collections.Hashtable>] [-Storm <System.Collections.Hashtable>] [-Tez <System.Collections.Hashtable>]
```

[-WebHCat <System.Collections.Hashtable>] [-Yarn
<System.Collections.Hashtable>] [<CommonParameters>]

DESCRIPTION

The Add-AzHDInsightConfigValue cmdlet adds a Hadoop configuration value customization, such as core-site.xml or hive-site.xml, and/or a Hive shared library customization to the 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

-Core <System.Collections.Hashtable>

Specifies the Core Site configurations of this HDInsight cluster.

Required?	false
Position?	named
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

-HBaseEnv <System.Collections.Hashtable>

Specifies the HBase Env configurations of this HDInsight cluster.

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

-HBaseSite <System.Collections.Hashtable>

Specifies the HBase Site configurations of this HDInsight cluster.

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

-Hdfs <System.Collections.Hashtable>

Specifies the HDFS configurations of this HDInsight cluster.

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

-HiveEnv <System.Collections.Hashtable>

Specifies the Hive Env configurations of this HDInsight cluster.

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

-HiveSite <System.Collections.Hashtable>

Specifies the Hive Site configurations of this HDInsight cluster.

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

-MapRed <System.Collections.Hashtable>

Specifies the MapRed Site configurations of this HDInsight cluster.

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

-OozieEnv <System.Collections.Hashtable>

Specifies the Oozie Env configurations of this HDInsight cluster.

Required?	false
Position?	named
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

-OozieSite <System.Collections.Hashtable>

Specifies the Oozie Site configurations of this HDInsight cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RServer <System.Collections.Hashtable>

Specifies the RServer configurations. Valid only for RServer clusters.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Spark2Defaults <System.Collections.Hashtable>

Specifies the Spark2 Defaults configurations of this HDInsight cluster.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Spark2ThriftConf <System.Collections.Hashtable>

Specifies the Spark2 Thrift SparkConf configurations of this HDInsight cluster.

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

-SparkDefaults <System.Collections.Hashtable>

Specifies the Spark Defaults configurations of this HDInsight cluster.

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

-SparkThriftConf <System.Collections.Hashtable>

Specifies the Spark Thrift SparkConf configurations of this HDInsight cluster.

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

-Storm <System.Collections.Hashtable>

Specifies the Storm Site configurations of this HDInsight cluster.

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

-Tez <System.Collections.Hashtable>

Specifies the Tez Site configurations of this HDInsight cluster.

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

-WebHCat <System.Collections.Hashtable>

Specifies the WebHCat Site configurations of this HDInsight cluster.

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

-Yarn <System.Collections.Hashtable>

Specifies the YARN Site configurations of this HDInsight cluster.

Required?	false
Position?	named
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 a custom configuration value 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
```

```
# Config values
```

```
$scoreConfigs = @{"io.file.buffer.size"="300000"}
```

```
$mapRedConfigs = @{"mapred.map.max.attempts"="2"}
```

```
# Create the cluster
```

```
New-AzHDInsightClusterConfig `
    | Add-AzHDInsightConfigValue `
        -Core $scoreConfigs `
        -MapRed $mapRedConfigs `
    | New-AzHDInsightCluster `
        -ClusterType Hadoop `
        -OSType Windows `
        -ClusterSizeInNodes 4 `
        -ResourceGroupName $clusterResourceGroupName `
        -ClusterName $clusterName `
        -HttpCredential $clusterCreds `
        -Location $location `
        -StorageAccountResourceId $storageAccountResourceId `
        -StorageAccountKey $storageAccountKey `
        -StorageContainer $storageAccountContainer
```

This command adds a Hadoop configuration value to the cluster named your-hadoop-001.

RELATED LINKS

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

New-AzHDInsightClusterConfig