



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

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

NAME

Add-AzHDInsightScriptAction

SYNOPSIS

Adds a script action to a cluster configuration object.

SYNTAX

```
Add-AzHDInsightScriptAction [-Config] <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig>
[-NodeType] {HeadNode | WorkerNode | ZookeeperNode | EdgeNode}
[-Uri] <System.Uri> [-Name] <System.String> [[-Parameters] <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Add-AzHDInsightScriptAction cmdlet adds script actions to the HDInsight configuration object created by the New-AzHDInsightClusterConfig cmdlet. Script actions

provide functionality that is used to install additional software or to change the configuration of applications that run on a Hadoop cluster by using Windows

PowerShell or Bash scripts (for Windows or Linux clusters, respectively). A script action runs on the cluster nodes when HDInsight clusters are deployed, and they run

after nodes in the cluster complete HDInsight configuration. The script action runs under system administrator account privileges and provides full access rights to

the cluster nodes. You can provide each cluster with a list of script actions to run in a specified sequence.

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

-Name <System.String>

Specifies the name of the script action.

Required?	true
Position?	3
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

-NodeType <Microsoft.Azure.Management.HDInsight.Models.ClusterNodeType>

Specifies the node type on which to run the script action. The acceptable values for this parameter are: - HeadNode

- WorkerNode

- ZookeeperNode

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Parameters <System.String>

Specifies the parameters for the script action.

Required? false

Position? 4

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Uri <System.Uri>

Specifies the public URI for the script action (a PowerShell or Bash script).

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](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 script action 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"
```

```

# Script action info

$scriptActionName = "<script action name>"

$scriptActionURI = "<script action URI>"

$scriptActionParameters = "<script action parameters>"


# 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


# Create the cluster

New-AzHDInsightClusterConfig `
    | Add-AzHDInsightScriptAction `
        -Name $scriptActionName `
        -Uri $scriptActionURI `
        -Parameters $scriptActionParameters `
        -NodeType Worker `
    | Add-AzHDInsightScriptAction `
        -Name $scriptActionName `
        -Uri $scriptActionURI `
        -Parameters $scriptActionParameters `
        -NodeType Head `
    | 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 script action for the Head and Worker nodes of the your-hadoop-001 cluster, to be run at the end of cluster creation.

RELATED LINKS

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

New-AzHDInsightClusterConfig