



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

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

NAME

Add-AzHDInsightComponentVersion

SYNOPSIS

Adds a version for a service running in a cluster to a cluster configuration object.

SYNTAX

```
Add-AzHDInsightComponentVersion [-Config] <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig>
[-ComponentName] <System.String> [-ComponentVersion]
                                     <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Add-AzHDInsightComponentVersion cmdlet adds a version for a service running in a cluster to the Azure HDInsight configuration object created by the

New-AzHDInsightClusterConfig cmdlet.

PARAMETERS

-ComponentName <System.String>

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

-ComponentVersion <System.String>

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

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

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
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Position? named
Default value None
Accept pipeline input? False
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>

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>).

INPUTS

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig

OUTPUTS

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightConfig

NOTES

Example 1: Add a version for Spark to the cluster configuration object.

Primary storage account info

```
$storageAccountResourceGroupName = "Group"
$storageAccountName = "yourstorageacct001"
$storageAccountResourceId = "yourstorageaccountresourceid"
$storageAccountKey = Get-AzStorageAccountKey `
    -ResourceGroupName $storageAccountResourceGroupName `
    -Name $storageAccountName | ForEach-Object{ $_.Key1 }
$storageContainer = "container001"
```

Cluster configuration info

```
$location = "East US 2"
$clusterResourceGroupName = "Group"
$clusterName = "your-spark-001"
$clusterCreds = Get-Credential
$sshClusterCreds = 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-AzHDInsightComponentVersion `
    -ComponentName "Spark" `
    -ComponentVersion "2.0" `
| New-AzHDInsightCluster `
    -ClusterType Spark `
    -OSType Linux `
    -ClusterSizeInNodes 4 `
    -ResourceGroupName $clusterResourceGroupName `
    -ClusterName $clusterName `
    -HttpCredential $clusterCreds `
    -Location $location `
    -StorageAccountResourceId $storageAccountResourceId `
    -StorageAccountKey $storageAccountKey `
    -StorageContainer $storageContainer `
    -SshCredential $sshCredentials `
    -Version "3.5"
```

This command adds the version of Spark to the HDInsight cluster named 'your-spark-001'.

RELATED LINKS

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