



Windows PowerShell Get-Help on Cmdlet 'Start-AzHDInsightJob'

PS:\>Get-HELP Start-AzHDInsightJob -Full

NAME

Start-AzHDInsightJob

SYNOPSIS

Starts a defined Azure HDInsight job on a specified cluster.

SYNTAX

```
Start-AzHDInsightJob [-ClusterName] <System.String> [-JobDefinition]
<Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightJobDefinition> [-HttpCredential]
[System.Management.Automation.PSCredential] [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ResourceGroupName <System.String>] [<CommonParameters>]
```

DESCRIPTION

The Start-AzHDInsightJob cmdlet starts a defined Azure HDInsight job on a specified cluster. This can be a MapReduce job, a Streaming MapReduce job, a Hive job, or a

Pig job.

PARAMETERS

-ClusterName <System.String>

Specifies the name of the cluster.

Required? true

Position? 0

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

-HttpCredential <System.Management.Automation.PSCredential>

Specifies the cluster login (HTTP) credentials for the cluster.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-JobDefinition <Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightJobDefinition>

Specifies the job to start on the Azure HDInsight cluster.

Required? true

Position? 1
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-ResourceGroupName <System.String>
Specifies the name of the resource group.

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.AzureHDInsightJobDefinition

OUTPUTS

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightJob

NOTES

----- Example 1: Start a job on the specified cluster -----

```
# Cluster info
```

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

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

```
# Hive job details
```

```
$statusFolder = "tempStatusFolder/"
```

```
$query = "SHOW TABLES"
```

```
New-AzHDInsightHiveJobDefinition -StatusFolder $statusFolder `
    -Query $query `
| Start-AzHDInsightJob `
    -ClusterName $clusterName `
    -ClusterCredential $clusterCreds
```

This command starts a job on the cluster named your-hadoop-001.

RELATED LINKS

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

Get-AzHDInsightJob

New-AzHDInsightHiveJobDefinition

Stop-AzHDInsightJob

Wait-AzHDInsightJob