



Windows PowerShell Get-Help on Cmdlet 'New-AzStreamAnalyticsCluster'

PS:\>Get-HELP New-AzStreamAnalyticsCluster -Full

NAME

New-AzStreamAnalyticsCluster

SYNOPSIS

Creates a Stream Analytics Cluster or replaces an already existing cluster.

SYNTAX

```
New-AzStreamAnalyticsCluster -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] [-IfMatch <String>] [-IfNoneMatch <String>] [-Location <String>] [-SkuCapacity <Int32>] [-SkuName <ClusterSkuName>] [-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Creates a Stream Analytics Cluster or replaces an already existing cluster.

PARAMETERS

-Name <String>

The name of the cluster.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IfMatch <String>

The ETag of the resource.

Omit this value to always overwrite the current record set.

Specify the last-seen ETag value to prevent accidentally overwriting concurrent changes.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IfNoneMatch <String>

Set to '*' to allow a new resource to be created, but to prevent updating an existing record set.

Other values will result in a 412 Pre-condition Failed response.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuCapacity <Int32>

Denotes the number of streaming units the cluster can support.

Valid values for this property are multiples of 36 with a minimum value of 36 and maximum value of 216.

Required on PUT (CreateOrUpdate) requests.

Required? false

Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-SkuName <ClusterSkuName>

Specifies the SKU name of the cluster.
Required on PUT (CreateOrUpdate) requests.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.
Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false
Position? named
Default value
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

OUTPUTS

----- EXAMPLE 1 -----

```
PS C:\>New-AzStreamAnalyticsCluster -ResourceGroupName pwshaz-rg-test -Name sac-ps-test01 -Location "West  
Central US" -SkuName "Default" -SkuCapacity 36
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.streamanalytics/new-azstreamanalyticscluster>