



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

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

NAME

New-AzManagedCassandraCluster

SYNOPSIS

Creates a new Azure Managed Instances for Apache Cassandra cluster.

SYNTAX

```
New-AzManagedCassandraCluster [-AuthenticationMethod <System.String>] [-CassandraVersion <System.String>]
[-ClientCertificate <System.String[]>] -ClusterName
<System.String> [-ClusterNameOverride <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-DelegatedManagementSubnetId <System.String> [-ExternalGossipCertificate <System.String[]>] [-ExternalSeedNode
<System.String[]>] [-InitialCassandraAdminPassword
<System.String>] -Location <System.String> [-RepairEnabled <System.Nullable`1[System.Boolean]>]
-ResourceGroupName <System.String> [-RestoreFromBackupId
<System.String>] [-Tag <System.Collections.Hashtable>] [-TimeBetweenBackupInHours
<System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzManagedCassandraCluster cmdlet creates a new managed Cassandra cluster.

PARAMETERS

-AuthenticationMethod <System.String>

How to authenticate clients, one of `Cassandra` (for password authentication), `Ldap` (for LDAP/AD authentication), or `None` (for no authentication required).

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

-CassandraVersion <System.String>

Which version of Cassandra to run. Currently only 3.11 is supported.

Required?	false
Position?	named
Default value	3.11
Accept pipeline input?	False
Accept wildcard characters?	false

-ClientCertificate <System.String[]>

The list of TLS certificates to use to authenticate clients. If this is omitted, all client connections still connect with TLS, but are not required to provide

valid client certificates. If this is provided, clients must provide a valid TLS client certificate to connect to the cluster.

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

Accept wildcard characters? false

-ClusterName <System.String>

Name of the managed Cassandra cluster.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ClusterNameOverride <System.String>

If the cluster name in `cassandra.yaml` needs to be different than the argument of `-ClusterName`, use this property to set.

Required? false

Position? named

Default value Same as -ClusterName

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

-DelegatedManagementSubnetId <System.String>

The resource id of the virtual network subnet where managed Cassandra should attach network interfaces.

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

-ExternalGossipCertificate <System.String[]>

A list of additional TLS certificates the managed Cassandra cluster will use to authenticate gossip.

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

-ExternalSeedNode <System.String[]>

List of IP addresses of external seed nodes to bridge this cluster to.

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

-InitialCassandraAdminPassword <System.String>

The initial password for the admin account on the cluster if the cluster is using password auth.

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

-Location <System.String>

The location to create the managed Cassandra cluster in.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RepairEnabled <System.Nullable`1[System.Boolean]>

If true, managed Cassandra will run reaper to repair the database regularly. This should only be disabled for hybrid clusters which run their own repair process

outside of Azure.

Required? false

Position? named

Default value True

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Name of resource group.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RestoreFromBackupId <System.String>

Resource id of backup to restore into this cluster. If omitted, creates a new, empty cluster.

Required? false

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

-Tag <System.Collections.Hashtable>

Hashtable of tags to set on the cluster resource.

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

-TimeBetweenBackupInHours <System.Nullable`1[System.Int32]>

Hours between taking full backups of the cluster.

Required? false
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>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

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

OUTPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSClusterResource

NOTES

----- Example 1 -----

```
New-AzManagedCassandraCluster `
-ResourceGroupName "resourceGroupName" `
-ClusterName "clusterName" `
-DelegatedManagementSubnetId "resourceId" `
-Location "location" `
```

-InitialCassandraAdminPassword "password"

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.cosmosdb/new-azmanagedcassandracluster>