



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

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

NAME

New-AzManagedCassandraDatacenter

SYNOPSIS

Create a new Azure Managed Instances for Apache Cassandra data center.

SYNTAX

```
New-AzManagedCassandraDatacenter [-BackupStorageCustomerKeyUri <System.String>]
[-Base64EncodedCassandraYamlFragment <System.String>] -ClusterName <System.String>
-DatcenterName <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DelegatedSubnetId
<System.String> [-DiskCapacity <System.Nullable`1[System.Int32]>] -Location <System.String>
[-ManagedDiskCustomerKeyUri <System.String>] [-NodeCount
<System.Nullable`1[System.Int32]>] -ResourceGroupName <System.String> [-Sku <System.String>]
[-UseAvailabilityZone] [-Confirm] [-WhatIf] [<CommonParameters>]
```

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New-AzManagedCassandraDatacenter [-BackupStorageCustomerKeyUri <System.String>]
[-Base64EncodedCassandraYamlFragment <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DelegatedSubnetId
```

<System.String> [-DiskCapacity
 <System.Nullable`1[System.Int32]>] -Location <System.String> [-ManagedDiskCustomerKeyUri <System.String>]
 [-NodeCount <System.Nullable`1[System.Int32]>] -ParentObject
 <Microsoft.Azure.Commands.CosmosDB.Models.PSClusterResource> [-Sku <System.String>] [-UseAvailabilityZone]
 [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzManagedCassandraDataCenter cmdlet creates a new managed Cassandra data center.

PARAMETERS

-BackupStorageCustomerKeyUri <System.String>

URI to a KeyVault key used to encrypt backups of the cluster. If omitted, Azure's own keys will be used.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Base64EncodedCassandraYamlFragment <System.String>

Fragment of configuration to include in `cassandra.yaml` on nodes of this data center, Base64 encoded.

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

-DatacenterName <System.String>

Managed Cassandra Datacenter Name.

Required? true
Position? named
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

-DelegatedSubnetId <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

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

The number of data disks to connect to each node in the cluster.

Required? false

Position? named

Default value 4

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

-ManagedDiskCustomerKeyUri <System.String>

URI of a KeyVault key used to encrypt data at rest in the cluster. If omitted, Azure's own keys will be used.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The number of nodes to create in this data center.

Required? false

Position? named

Default value 3

Accept pipeline input? False

Accept wildcard characters? false

-ParentObject <Microsoft.Azure.Commands.CosmosDB.Models.PSClusterResource>

Cassandra cluster object to create a data center in.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

-Sku <System.String>

Name of the virtual machine sku to use for nodes in this data center. See the documentation

(<https://learn.microsoft.com/en-us/azure/managed-instance-apache-cassandra/create-cluster-cli>)for supported skus.

Required? false

Position? named

Default value Standard_DS14_v2

Accept pipeline input? False

Accept wildcard characters? false

-UseAvailabilityZone <System.Management.Automation.SwitchParameter>

If set, allocate nodes in this data center using availability zones if they are supported in the region.

Required? false
Position? named
Default value True
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.PSDataCenterResource

NOTES

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

```
New-AzManagedCassandraDataCenter `
-ResourceGroupName "resourceGroupName" `
-ClusterName "clusterName" `
-DataCenterName "dataCenterName" `
-DelegatedSubnetId "resourceId" `
-Location "location" `
-NodeCount 3
```

RELATED LINKS

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