



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

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

NAME

New-AzOperationalInsightsCluster

SYNOPSIS

Create cluster

SYNTAX

```
New-AzOperationalInsightsCluster [-ResourceGroupName] <System.String> [-ClusterName] <System.String> [-Location]
<System.String> [-AsJob] [-BillingType {Cluster |
                                                                    Workspaces}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IdentityType
{SystemAssigned | None |
UserAssigned}] [-IsAvailabilityZonesEnabled <System.Nullable`1[System.Boolean]>] [-IsDoubleEncryptionEnabled
<System.Nullable`1[System.Boolean]>] [-KeyName
<System.String>] [-KeyVaultUri <System.String>] [-KeyVersion <System.String>] -SkuCapacity <System.Int64>
[-SkuName {CapacityReservation}] [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

Create cluster

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-BillingType <System.String>

Billing type can be set as 'Cluster' or 'Workspaces'

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ClusterName <System.String>

The cluster name.

Required? true

Position? 1

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

-IdentityType <System.String>

the identity type, value can be 'SystemAssigned', 'None', 'UserAssigned'.

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

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

Flag for availability Zones,can be set to true only in supported regions

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

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

Flag for Double Encryption, can be set to true only in supported regions

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

Accept wildcard characters? false

-KeyName <System.String>

Key Name

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyVaultUri <System.String>

Key Vault Uri

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyVersion <System.String>

Key Version

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

The geographic region that the cluster will be deployed.

Required? true

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

-ResourceGroupName <System.String>

The resource group name.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SkuCapacity <System.Int64>

Sku Capacity, value need to be multiple of 100 and at least 1000.

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

-SkuName <System.String>

Sku Name, now can be 'CapacityReservation' only

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

-Tag <System.Collections.Hashtable>

Tags 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

None

OUTPUTS

Microsoft.Azure.Commands.OperationallInsights.Models.PSCluster

NOTES

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

```
New-AzOperationalInsightsCluster -ResourceGroupName "rg-name" -ClusterName "cluster-name" -Location eastus  
-IdentityType SystemAssigned -SkuName CapacityReservation  
-SkuCapacity 1000
```

Identity : Microsoft.Azure.Commands.OperationallInsights.Models.PSIdentity

Sku : Microsoft.Azure.Commands.OperationallInsights.Models.PSClusterSku

ClusterId : {cluster-id}

ProvisioningState : Succeeded

IsDoubleEncryptionEnabled : True

IsAvailabilityZonesEnabled : False

BillingType : Cluster

KeyVaultProperties : Microsoft.Azure.Commands.OperationallInsights.Models.PSKeyVaultProperties

LastModifiedDate :

CreatedDate :

AssociatedWorkspaces : {workspaces}

CapacityReservationProperties :

Location : South Central US

Id :

/subscriptions/{subscription}/resourceGroups/{rg-name}/providers/Microsoft.OperationallInsights/clusters/{cluster-name}

Name : {cluster-name}

Type : Microsoft.OperationallInsights/clusters

Tags : {}

Create cluster

RELATED LINKS

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