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

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

NAME

New-AzServiceFabricManagedClusterApplication

SYNOPSIS

Create new service fabric managed application under the specified resource group and cluster.

SYNTAX

New-AzServiceFabricManagedClusterApplication [-ResourceGroupName] <System.String> [-ClusterName] <System.String> [-ApplicationTypeName] <System.String>

[-ApplicationTypeVersion] <System.String> [-ApplicationParameter <System.Collections.Hashtable>] [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] -Name <System.String> -PackageUrl <System.String> [-Tag

<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

This cmdlet creates a new service fabric managed application under the specified resource group and cluster. The parameter -PackageUrl can be used to create the type

version, If the type version already exits but its in 'Failed' state the cmdlet will ask if the user wants to recreate the type version. If it continues in 'Failed'

state, the command will stop the process and throw an exception.

PARAMETERS

-ApplicationParameter <System.Collections.Hashtable>

Specify the application parameters as key/value pairs. These parameters must exist in the application manifest.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ApplicationTypeName <System.String>

Specify the name of the managed application type

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ApplicationTypeVersion <System.String>

Specify the managed application type version

Required? true

Position? 3

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background and return a Job to track progress.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ClusterName <System.String>

Specify the name of the cluster.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Force <System.Management.Automation.SwitchParameter>

Continue without prompts

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specify the name of the managed application

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PackageUrl <System.String>

Specify the url of the application package sfpkg file

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specify the name of the resource group.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Specify the tags as key/value pairs.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

System.String

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.ServiceFabric.Models.PSManagedApplication

NOTES

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

```
$resourceGroupName = "testRG"
$clusterName = "testCluster"
$appName = "testApp"
$appTypeName = "testAppType"
$appTypeVersion = "v1"
$appParameters =  @{key0="value0";key1=$null;key2="value2"}
        New-AzServiceFabricManagedClusterApplication -ResourceGroupName $resourceGroupName -ClusterName $clusterName -ApplicationTypeName $appTypeName -ApplicationTypeVersion
$appTypeVersion -Name $appName -ApplicationParameter $appParameters
```

This example creates the managed application "testApp" under resource group "testRG" and cluster "testCluster". The managed application type "TestAppType" version

"v1" should already exist in the cluster, and the application parameters should be defined in the application manifest otherwise the cmdlet will fail.

Example 2: Specify -PackageUrl to create the application type version before creating the application.

```
$resourceGroupName = "testRG"
$clusterName = "testCluster"
$appName = "testApp"
$appTypeName = "testAppType"
$appTypeVersion = "v1"
$appParameters =  @{key0="value0";key1=$null;key2="value2"}
$packageUrlV1 = "https://sftestapp.blob.core.windows.net/sftestapp/testApp_1.0.sfpkg"
New-AzServiceFabricManagedClusterApplication -ResourceGroupName $resourceGroupName -ClusterName $clusterName -ApplicationTypeName $appTypeName -ApplicationTypeVersion
$appTypeVersion -Name $appName -PackageUrl $packageUrlV1 -ApplicationParameter $appParameters
```

This example creates the managed application type "testAppType" version "v1" using the package url provided. After this, it will continue the normal process to
create the application. If the managed application type version already exits and the provisioning state its in 'Failed' it will prompt to decide if the user wants to
recreate the type version.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.servicefabric/new-azservicefabricmanagedclusterapplication