



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

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

NAME

New-AzFunctionApp

SYNOPSIS

Creates a function app.

SYNTAX

```
New-AzFunctionApp -ResourceGroupName <String> -Name <String> -StorageAccountName <String> -Location <String>
-Runtime <String> [-SubscriptionId <String>]

[-ApplicationInsightsName <String>] [-ApplicationInsightsKey <String>] [-OSType <String>] [-RuntimeVersion <String>]
[-FunctionsVersion <String>]

[-DisableApplicationInsights] [-PassThru] [-Tag <Hashtable>] [-AppSetting <Hashtable>] [-IdentityType
<ManagedServiceIdentityType>] [-IdentityID <String[]>]

[-DefaultProfile <PSObject>] [-NoWait] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]

[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
New-AzFunctionApp -ResourceGroupName <String> -Name <String> -StorageAccountName <String> -Runtime <String>
[-SubscriptionId <String>] [-ApplicationInsightsName
```

<String>] [-ApplicationInsightsKey <String>] [-OSType <String>] [-RuntimeVersion <String>] [-FunctionsVersion <String>]
 [-DisableApplicationInsights] [-PassThru]
 [-Tag <Hashtable>] [-AppSetting <Hashtable>] [-IdentityType <ManagedServiceIdentityType>] [-IdentityID <String[]>]
 -PlanName <String> [-DefaultProfile <PSObject>]
 [-NoWait] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
 [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzFunctionApp -ResourceGroupName <String> -Name <String> -StorageAccountName <String> [-SubscriptionId
 <String>] [-ApplicationInsightsName <String>]
 [-ApplicationInsightsKey <String>] [-DisableApplicationInsights] [-PassThru] [-Tag <Hashtable>] [-AppSetting
 <Hashtable>] [-IdentityType <ManagedServiceIdentityType>]
 [-IdentityID <String[]>] -PlanName <String> -DockerImageName <String> [-DockerRegistryCredential <PSCredential>]
 [-DefaultProfile <PSObject>] [-NoWait] [-AsJob]
 [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
 [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Creates a function app.

PARAMETERS

-ResourceGroupName <String>

The name of the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

The name of the function app.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccountName <String>

The name of the storage account.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The location for the consumption plan.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Runtime <String>

The function runtime.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The Azure subscription ID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ApplicationInsightsName <String>

Name of the existing App Insights project to be added to the function app.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ApplicationInsightsKey <String>

Instrumentation key of App Insights to be added.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OSType <String>

The OS to host the function app.

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

-RuntimeVersion <String>

The function runtime.

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

-FunctionsVersion <String>

The Functions version.

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

-DisableApplicationInsights [<SwitchParameter>]

Disable creating application insights resource during the function app creation.

No logs will be available.

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

-PassThru [<SwitchParameter>]

Returns true when the command succeeds.

Required? false

Position? named

Default value False

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

-AppSetting <Hashtable>

Function app settings.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <ManagedServiceIdentityType>

Specifies the type of identity used for the function app.

The acceptable values for this parameter are:

- SystemAssigned

- UserAssigned

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

-IdentityID <String[]>

Specifies the list of user identities associated with the function app.

The user identity references will be ARM resource ids in the form:

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/identities/{identityName}'

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

-PlanName <String>

The name of the service plan.

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

-DockerImageName <String>

Linux only.

Container image name from Docker Registry, e.g.

publisher/image-name:tag.

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

-DockerRegistryCredential <PSCredential>

The container registry user name and password.
Required for private registries.

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

-DefaultProfile <PSObject>

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

-NoWait [<SwitchParameter>]

Starts the operation and returns immediately, before the operation is completed.
In order to determine if the operation has successfully been completed, use some other mechanism.

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

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

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>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Functions.Models.Api20190801.ISite

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

PS C:\>New-AzFunctionApp -Name MyUniqueFunctionAppName `

-ResourceGroupName MyResourceGroupName `

-Location centralUS `

-StorageAccountName MyStorageAccountName `

-Runtime PowerShell

----- EXAMPLE 2 -----

```
PS C:\>New-AzFunctionApp -Name MyUniqueFunctionAppName `

-ResourceGroupName MyResourceGroupName `
    -PlanName MyPlanName `
    -StorageAccountName MyStorageAccountName `
    -Runtime PowerShell
```

----- EXAMPLE 3 -----

```
PS C:\>New-AzFunctionApp -Name MyUniqueFunctionAppName `

-ResourceGroupName MyResourceGroupName `
    -PlanName MyPlanName `
    -StorageAccountName MyStorageAccountName `
    -DockerImageName myacr.azurecr.io/myimage:tag
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.functions/new-azfunctionapp>