



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzAppServicePlan'***

***PS:\>Get-HELP New-AzAppServicePlan -Full***

### NAME

New-AzAppServicePlan

### SYNOPSIS

Creates an Azure App Service plan in a given Geo location.

### SYNTAX

```
New-AzAppServicePlan [-AppServicePlan] <Microsoft.Azure.Commands.WebApps.Models.WebApp.PSAppServicePlan>
[-Location] <System.String> [[-Tier] <System.String>]
[[[-NumberOfWorkers] <System.Int32>] [[-WorkerSize] {ExtraSmall | Small | Medium | Large | ExtraLarge |
ExtraExtraLarge}]] [[-AseName] <System.String>]
[[[-AseResourceGroupName] <System.String>] [[-AseResourceId] <System.String>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PerSiteScaling
<System.Boolean>] [<CommonParameters>]
```

```
New-AzAppServicePlan [-ResourceGroupName] <System.String> [-Name] <System.String> [-Location] <System.String>
[-Tier] <System.String> [[[-NumberOfWorkers]
<System.Int32>] [[-WorkerSize] {ExtraSmall | Small | Medium | Large | ExtraLarge | ExtraExtraLarge}]] [[-AseName]
<System.String>] [[-AseResourceGroupName]
```

```

<System.String>] [[-AseResourceId] <System.String>] [-AsJob] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HyperV] [-Linux]
[-PerSiteScaling <System.Boolean>] [-Tag
    <System.Collections.Hashtable>] [<CommonParameters>]

```

## DESCRIPTION

The New-AzAppServicePlan cmdlet creates an Azure App Service plan in a given Geo location with the specified Tier, worker size, and number of workers.

## PARAMETERS

-AppServicePlan <Microsoft.Azure.Commands.WebApps.Models.WebApp.PSAppServicePlan>

App Service Plan Object

|                             |                |
|-----------------------------|----------------|
| Required?                   | true           |
| Position?                   | 0              |
| Default value               | None           |
| Accept pipeline input?      | True (ByValue) |
| Accept wildcard characters? | false          |

-AseName <System.String>

App Service Environment Name

|                             |       |
|-----------------------------|-------|
| Required?                   | false |
| Position?                   | 6     |
| Default value               | None  |
| Accept pipeline input?      | False |
| Accept wildcard characters? | false |

-AseResourceGroupName <System.String>

App Service Environment Resource Group Name

Required? false  
Position? 7  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

-AseResourceId <System.String>

Resource id of App Service Environment

Required? false  
Position? 8  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

-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

-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

-Hyperv <System.Management.Automation.SwitchParameter>

Specify this, App Service Plan will run Windows Containers

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Linux <System.Management.Automation.SwitchParameter>

Specify this, App Service Plan will run Linux Containers

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Location

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

App Service Plan Name

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NumberOfWorkers <System.Int32>

Number Of Workers

Required? false

Position? 4

Default value 1

Accept pipeline input? False

Accept wildcard characters? false

-PerSiteScaling <System.Boolean>

Whether or not to enable Per Site Scaling

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Tags are name/value pairs that enable you to categorize resources

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

#### -Tier <System.String>

Tier

Required? false  
Position? 3  
Default value Free  
Accept pipeline input? False  
Accept wildcard characters? false

#### -WorkerSize <System.String>

Size of web worker

Required? false  
Position? 5  
Default value Small  
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).

## INPUTS

Microsoft.Azure.Commands.WebApps.Models.WebApp.PSAppServicePlan

## OUTPUTS

Microsoft.Azure.Commands.WebApps.Models.WebApp.PSAppServicePlan

## NOTES

----- Example 1: Create an App Service plan -----

```
New-AzAppServicePlan -ResourceGroupName "Default-Web-WestUS" -Name "ContosoASP" -Location "West US" -Tier  
"Basic" -NumberofWorkers 2 -WorkerSize "Small"
```

This command creates an App Service plan named ContosoASP in the resource group named Default-Web-WestUS in Geo location West US. The command specifies a Basic Tier and allocates two small workers.

## RELATED LINKS

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

Get-AzAppServicePlan

Remove-AzAppServicePlan

Set-AzAppServicePlan