

# Azure Cloud App setup

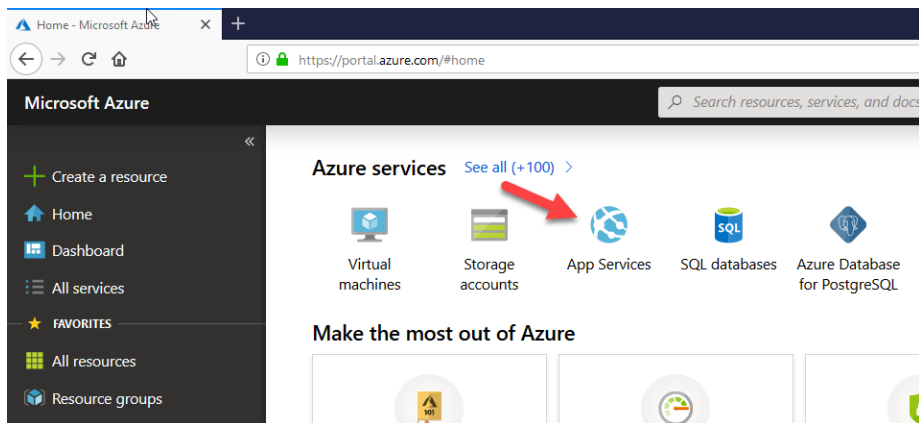
## Prerequisites

Setup an Azure for Students (not Azure for Students Starter) account. If based in Ireland at time of signup: <https://azure.microsoft.com/en-ie/free/students/>

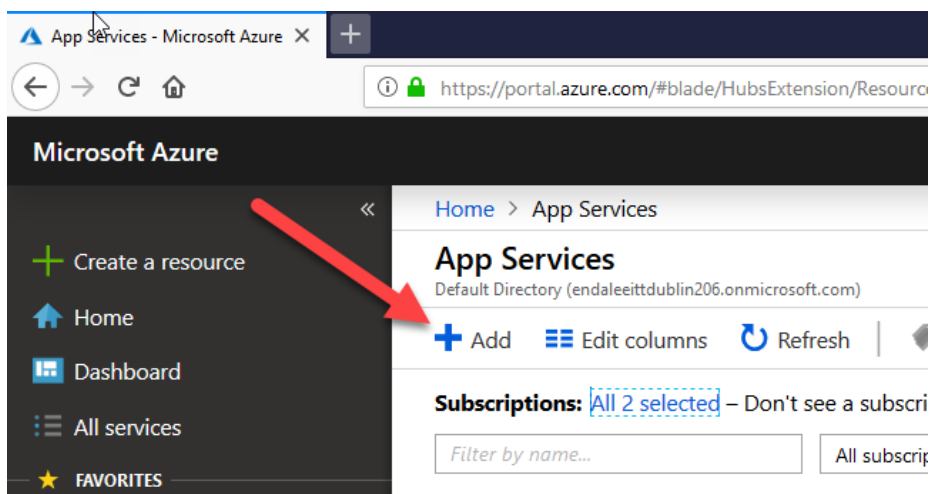
## 2. Create a new Azure Web App

1. Login to your account: <https://portal.azure.com>

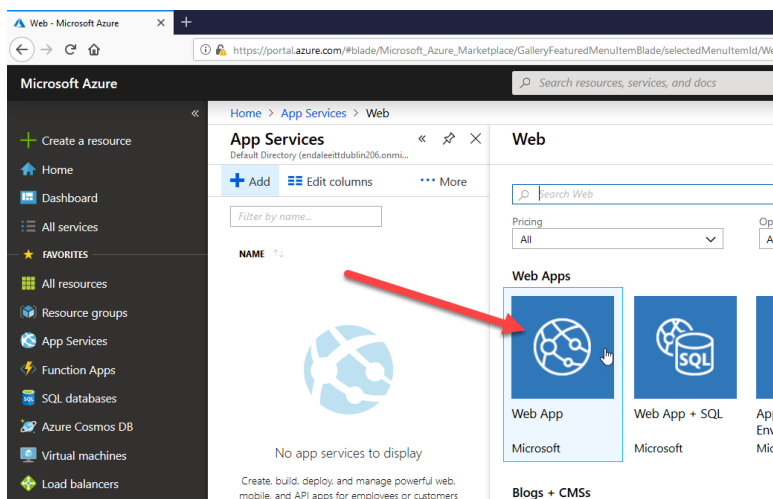
2. Click the App Services link



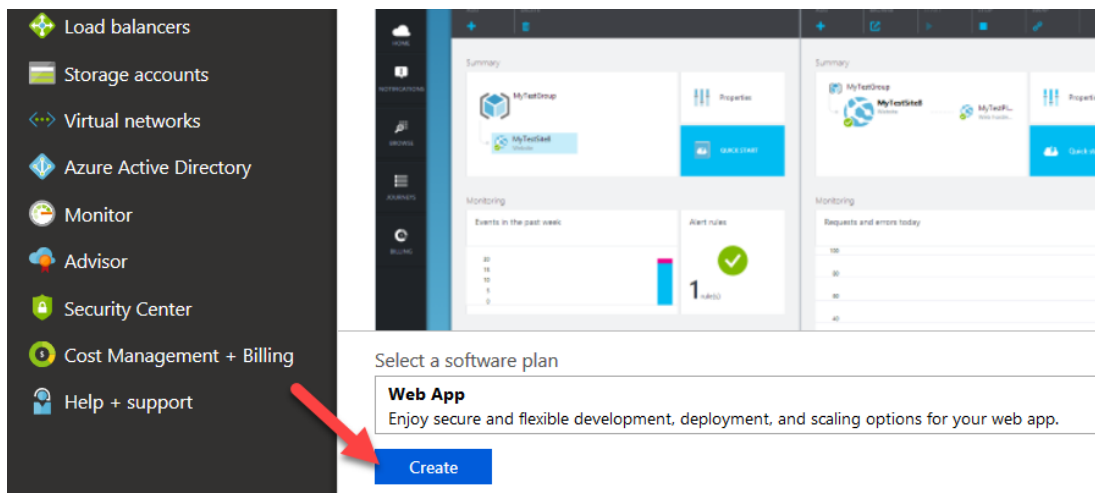
2. Click + Add to start creating a new app



3. Choose Web App

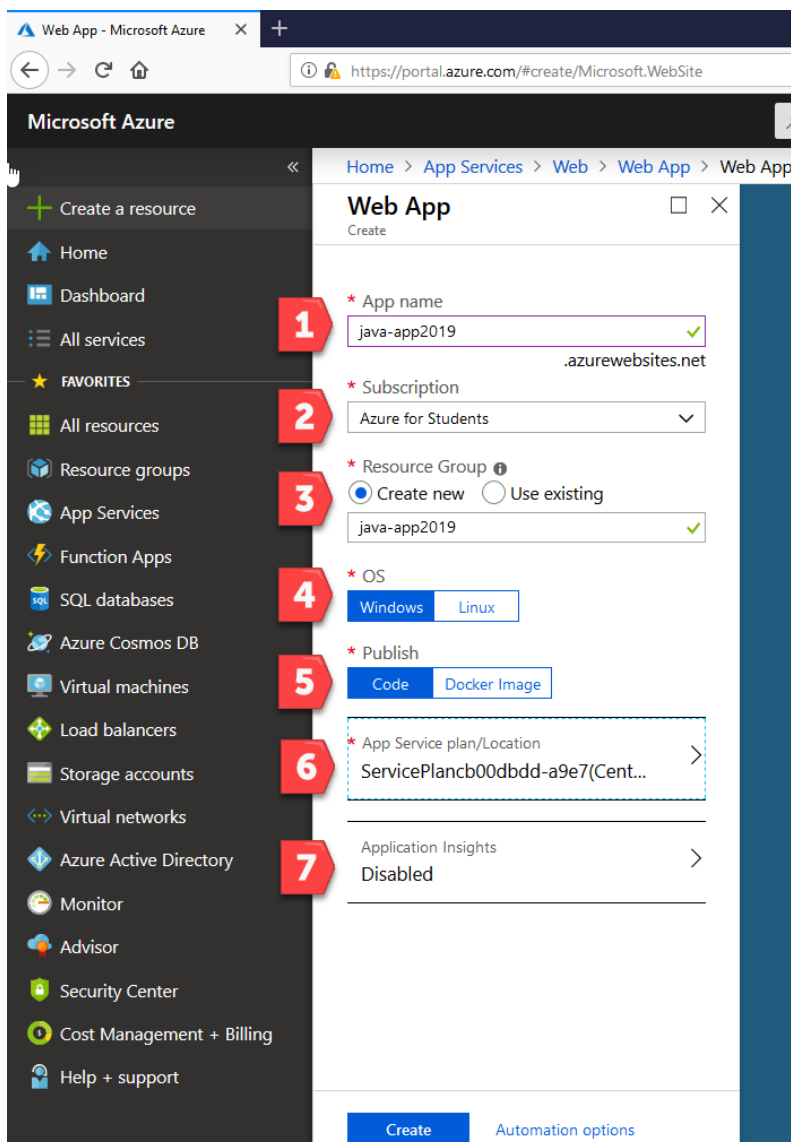


4. Click the **Create** button (bottom of page)



5. Configure your new Web App – provide a unique name and use settings 2 – 5 below:

**Note: do not click create yet!!**



6. Choose a Service Plan/ Location. See arrow 6 above

click the link (1) and then Create new in the **App Service plan** section:

The screenshot shows the 'Web App' configuration page in the Azure portal. The 'App Service plan' section is highlighted with a red box and a red arrow labeled '1'. The 'Create new' button in the 'App Service plan' section is highlighted with a red box and a red arrow labeled '2'.

Give the new service plan a name, choose North Europe for location, and a free pricing tier:

The screenshot shows the 'New App Service Plan' dialog box. The 'App Service plan' field is set to 'Ireland-Free', the 'Location' is set to 'North Europe', and the 'Pricing tier' is set to 'F1 Free'. Red arrows labeled 1, 2, and 3 point to these fields respectively.

7. Disable Application Insights and click the Create Button.

8. Wait for the Web App deployment to complete:

The screenshot shows the Azure portal notifications area. A notification titled 'Deployment succeeded' is shown, indicating that the deployment of 'Microsoft.WebSited5aab23d-9f66' to resource group 'java-app2019' was successful. A red arrow points to the 'Pin to dashboard' button.

## 2. Modify the Application Settings

1. Go back to the Home page and choose App Services again. You should see your newly created app, similar to below. Click the App name to open:

The screenshot shows the Azure App Services overview page for an application named 'java-app2019'. The breadcrumb navigation at the top reads 'Home > App Services'. Below the title 'App Services', the default directory is listed as '(endaleeittdublin206.onmicrosoft.com)'. A toolbar contains buttons for '+ Add', 'Edit columns', 'Refresh', 'Assign tags', 'Start', 'Restart', 'Stop', and 'Delete'. A message states 'Subscriptions: All 2 selected' with a link to 'Open Directory + Subscription settings'. Below this is a filter section with a text input 'Filter by name...', a dropdown menu set to 'All subscriptions', and a button for 'All resource groups'. A table lists '1 items' with columns for 'NAME', 'STATUS', and 'APP TYPE'. The table contains one entry: 'java-app2019' with a status of 'Running' and an app type of 'Web App'. A red arrow points to the 'java-app2019' link in the table.

NAME	STATUS	APP TYPE
<a href="#">java-app2019</a>	Running	Web App

## 2. Open Application Settings

The screenshot shows the 'Application settings' page for the 'java-app2019' App Service. The breadcrumb navigation is 'Home > App Services > java-app2019'. The left sidebar contains a search bar and a list of settings categories: Tags, Diagnose and solve problems, Security, Deployment, Quickstart, Deployment slots, Deployment Center, and Settings. The 'Settings' category is expanded, showing 'Application settings', 'Configuration (Preview)', and 'Authentication / Authorization'. A red box with the number '1' highlights the 'Application settings' option, which is also being pointed to by a mouse cursor. A tooltip labeled 'Application settings' appears over the cursor.

### 3. Configure the App for Java and Tomcat, then save:

java-app2019 - Configuration (Preview)

Search (Ctrl+/)

Save Discard

General settings \* Application settings Default docume

Stack settings

Stack

Java

Java version

Java 8

Java minor version

1.8.0\_202 (Azul)

Java container

Jetty

Java container version

9.3.25

Platform settings

Platform

### 4. The application configuration is now complete

Home > App Services > java-app2019

java-app2019

App Service

Search (Ctrl+/)

Browse Stop Swap Restart Delete Get publish profile Reset publish profile

Resource group (change) : java-app2019

Status : Running

Location : North Europe

Subscription (change) : Azure for Students

Subscription ID : c6ac39cf-ec0a-48e4-8eda-c108da2acf3e

Tags (change) : Click here to add tags

URL : https://java-app2019.azurewebsites.net

App Service Plan : Ireland (Free: 0 Small)

FTP/deployment userna... : java-app2019\e733

FTP hostname : ftp://waws-prod-db3-129.ftp.azurewebsites.windows.net

FTPS hostname : ftps://waws-prod-db3-129.ftp.azurewebsites.windows.net