

Create a Web App

Introduction:

In this walkthrough, we will create a new web app that runs a Docker container. The container displays a Welcome message.


Task 1: Create a Web App

Azure App Service is actually a collection of four services, all of which are built to help you host and run web applications. The four services (Web Apps, Mobile Apps, API Apps, and Logic Apps) look different, but in the end they all operate in very similar ways. Web Apps are the most commonly used of the four services, and this is the service that we will be using in this lab.

In this task, you will create an Azure App Service Web App.


- 1- Sign into the Azure portal <https://portal.azure.com> at the following link using the username and password provided by the instructor.
- 2- From the All services blade, search for and select App Services, and click + Add, + Create, + New
- 3- On the Basics tab of the Web App blade, specify the following settings (replace xxxx in the name of the web app with letters and digits such that the name is globally unique). Leave the defaults for everything else, including the App Service Plan.

Note: If you receive the error "You cannot perform this action...." log out of the Azure Portal and carry out the task again.

Setting	Value
Subscription	CloudShare1
Resource Group	Select myRGWebApp1-JAP380CN0Y
Name	 myDockerWebAppxxxx
Publish	Docker Container
Operating System	Linux
Region	East US (ignore any service plan availability warnings)

- 4- Click Next > Docker and configure the container information. The startup command is optional and not needed in this exercise.

Note: This is the same container that was used in the Container Instances walkthrough to display a hello world message.

Setting	Value
Options	Single container
Image Source	Docker Hub
Access Type	Public
Image and tag	 mcr.microsoft.com/azuredocs/aci-helloworld

5- Click Review + create, and then click Create.

Task 2: Test the Web App

In this task, we will test the web app.

1- Wait for the Web App to deploy.

2- From Notifications click Go to resource.

3- On the Overview blade, locate the URL. Copy the URL to the clipboard.

4- Click on the URL to open the new browser tab and display the Welcome to Azure Container Instances page.

5- Switch back to the Overview blade of your web app and note that it includes several charts. If you repeat step 4 a few times, you should be able to see corresponding telemetry being displayed in the charts. This includes the number of requests and average response time.

Congratulations! you successfully created an Azure App Service.