

Exercise - Create a web app in the Azure portal

- 10 minutes

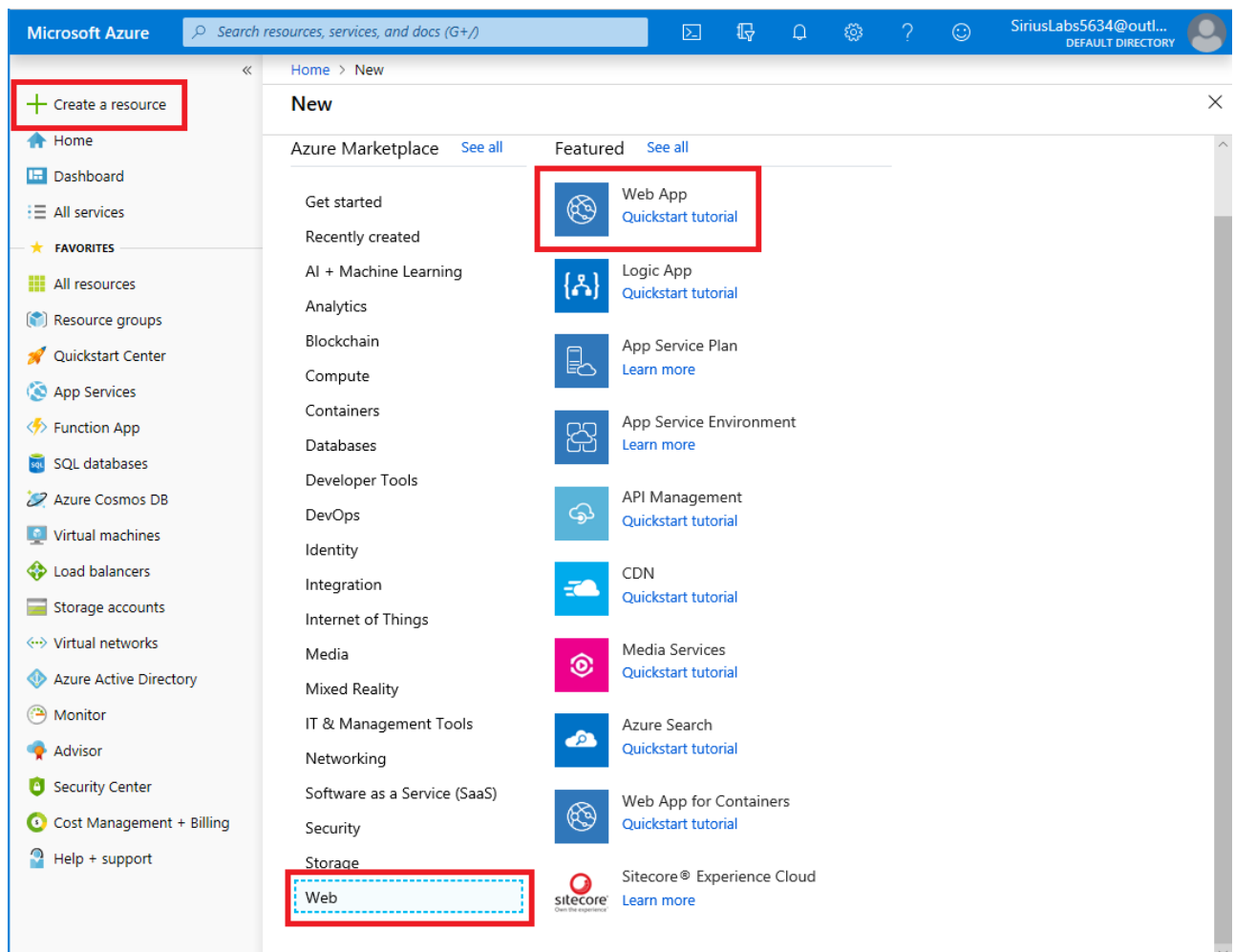
In this lab, you will use the Azure portal to create a web app.

Login to the Azure Portal

1. Open the [Azure portal](#) in a browser.
2. Sign into Azure using the Microsoft account email address and password you created for this session.

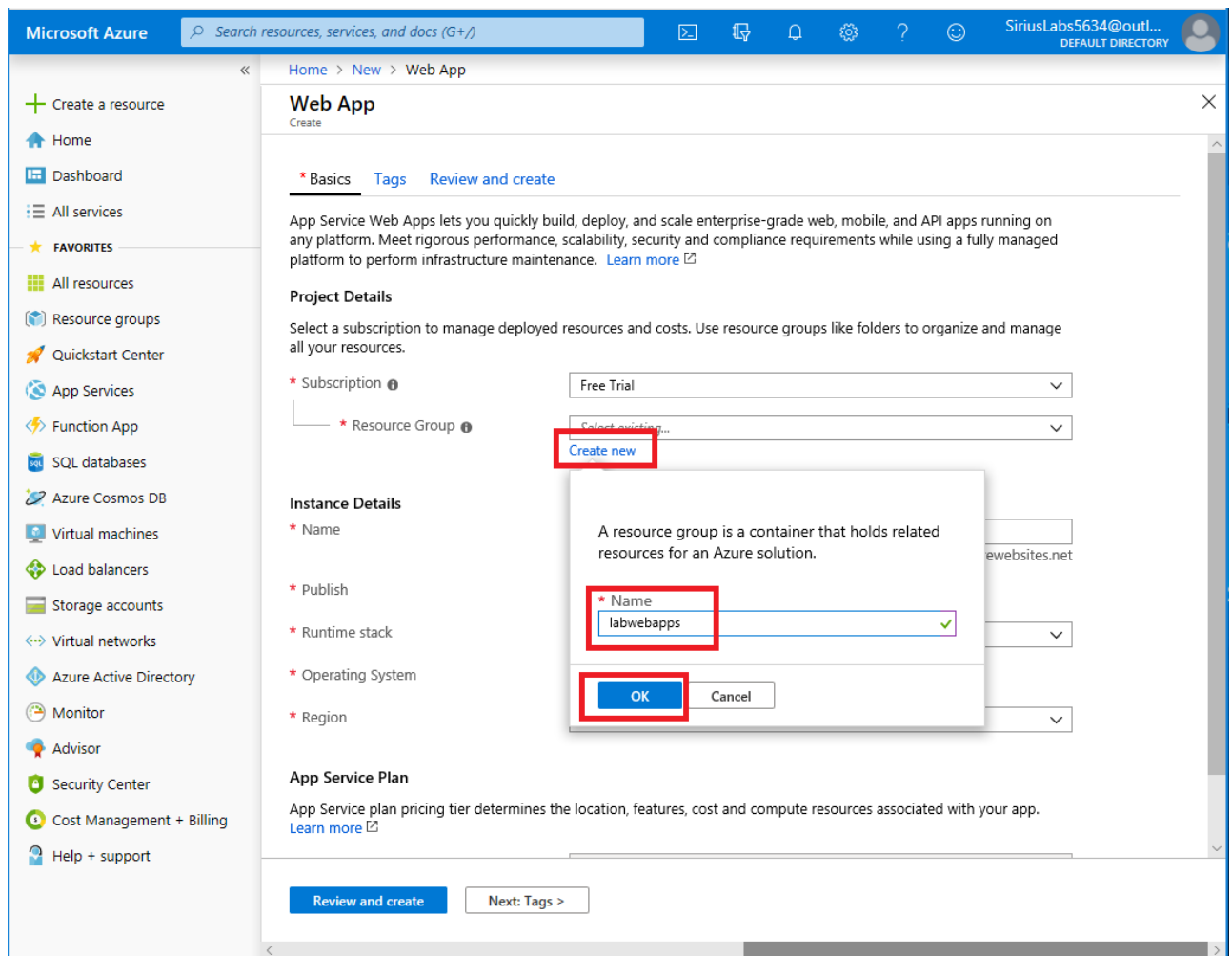
Create a web app

1. Select the **Create a resource** link at the top of the left-hand navigation. Everything you create on Azure is a resource.
2. The portal navigates you to the **Marketplace** page. From here, you can search for the resource you want to create or select one of the popular resources that people create in the Azure portal.
3. Select **Web** > **Web App** to display the web app creation wizard.



Configure the Basics options

1. The **Subscription** should be set to the subscription you created for this session.
2. Click **Create new** under **Resource Group** and enter the name as **labwebapps**, and click **OK**.





3. Enter the **Web App name** as **testnodewebappXXXXXXXX** where **XXXXXXXX** is a word or number you add to give the web app a unique name.


This name will be part of the app's URL: *appname.azurewebsites.net*. The name you choose must be unique among all Azure web apps. Names must be 3 to 24 characters long and can contain only lowercase letters and numbers.

4. Select **Code** for the **Publish** setting.
5. Select **Node LTS** for the **Runtime stack**, from the list.
6. Select **Linux** for the **Operating System**.
7. Select a **Region** close to you, from the list. Use the same **Region** (location), as you have for all previous labs.
8. Under **App Service Plan**, verify the default **Windows Plan (region)** is set to something similar to **(New) ASP-labwebapps-XXX**, where **XXX** is a random string, to make the name unique.
9. Click **Change size** under **Sku and size**, then click the **Dev / Test** tab, then click to select the **F1** pricing tier, and click **Apply**.

Spec Picker

**Dev / Test**
For less demanding workloads

**Production**
For most production workloads

**Isolated**
Advanced networking and scale

Recommended pricing tiers

F1
Shared infrastructure
1 GB memory
60 minutes/day compute
Free


D1
Shared infrastructure
1 GB memory
240 minutes/day compute
9.49 USD/Month (Estimated)

B1
100 total ACU
1.75 GB memory
A-Series compute equivalent
54.75 USD/Month (Estimated)

[See additional options](#)


Included features


Every app hosted on this App Service plan will have access to these features:


**Custom domains**
Configure and purchase custom domain names.

Included hardware

Every instance of your App Service plan will include the following hardware configuration:

**Azure Compute Units (ACU)**
Dedicated compute resources used to run applications deployed in the App Service Plan. [Learn more](#)

**Memory**
Memory available to run applications deployed and running in the App Service plan.

**Storage**
1 GB disk storage shared by all apps deployed in the App Service plan.

Apply

10. Review the **Basics** settings and values for accuracy, and if satisfied, click **Next: Monitoring** > to move to the **Monitoring** tab.

The following screenshot shows the completed settings for the **Basics** tab. Note that the subscription, name, and Windows Plan will have different values.

[Home](#) > [New](#) > [Web App](#)

Web App

Create

[* Basics](#) [Tags](#) [Review and create](#)

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

* Subscription ⓘ

Free Trial

* Resource Group ⓘ

(New) labwebapps

[Create new](#)

Instance Details

* Name

testnodewebapp5094241

.azurewebsites.net

* Publish

Code

Docker Image

* Runtime stack

Node LTS

* Operating System

Linux

Windows

* Region

West US

ⓘ Can't find your App Service Plan, try a different region.

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

* Linux Plan (West US) ⓘ

(New) ASP-labwebapps-8ae7

[Create new](#)

* Sku and size

Free F1

1 GB memory

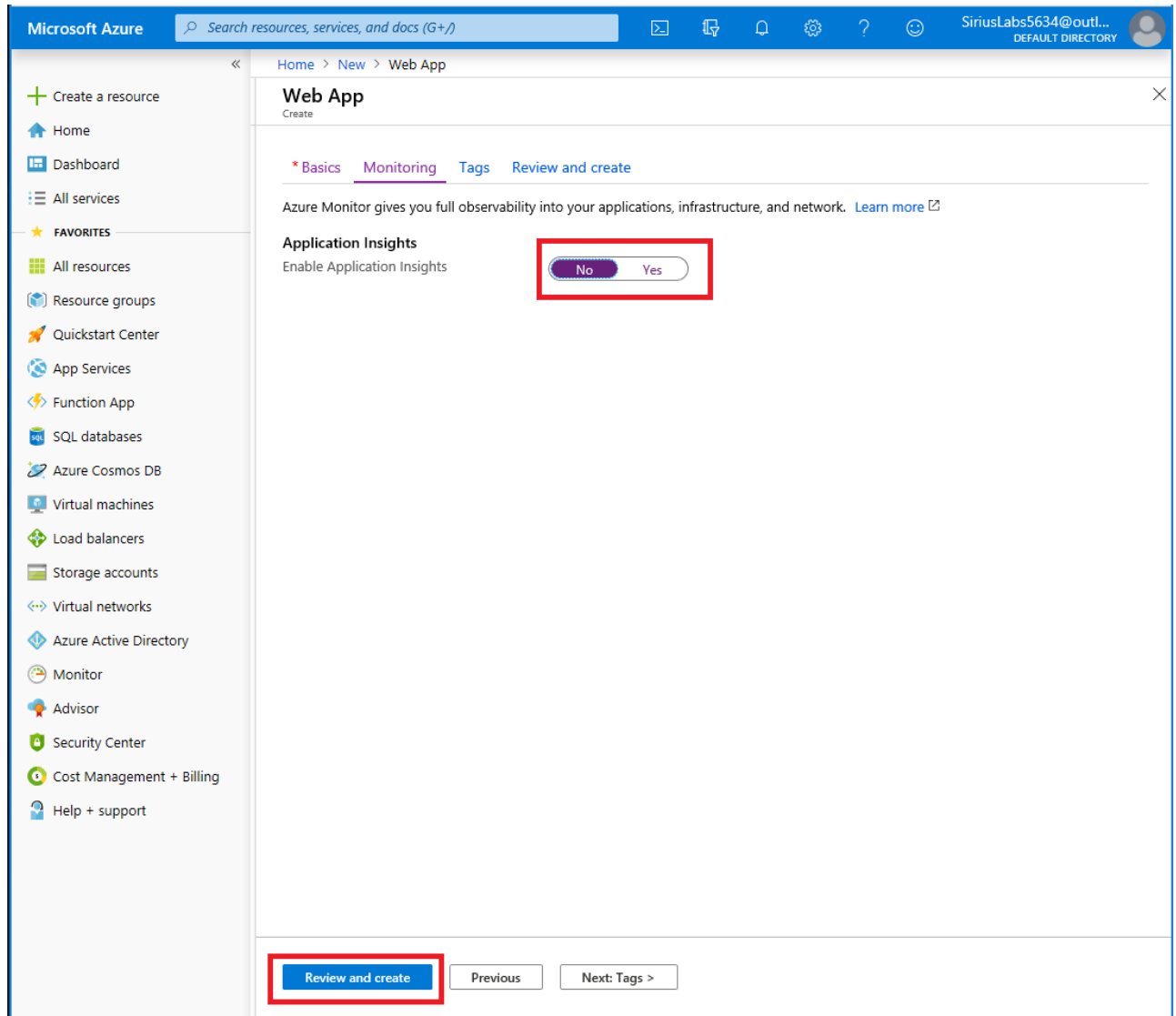
[Change size](#)

Review and create

Next: Tags >

Configure the Monitoring options and Create the Web App

1. Select **No** for **Enable Application Insights**.



2. Select **Review and Create** to navigate to the review page, then select **Create** to create the app.

[Home](#) > [New](#) > [Web App](#)

Web App


Create

* Basics

Tags

Review and create

Summary

 **Web App**
by Microsoft

Details

Subscription	b5cf755f-68e5-430d-ab26-ab9c2519d6a5
Resource Group	labwebapps
Name	testnodewebapp5094241
Publish	Code
Runtime stack	Node LTS

App Service Plan (New)

Name	ASP-labwebapps-8ae7
Operating System	Linux
Region	West US
SKU	Free
Size	
ACU	Shared infrastructure
Memory	1 GB memory

Create

Previous

[Download a template for automation](#)

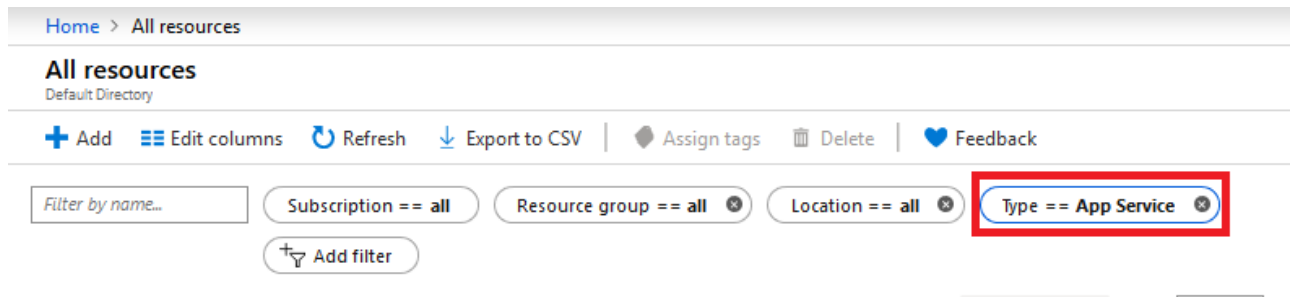
Note - It can take a few seconds to get your web app created and ready for your use.

The portal will display the deployment page, where you can view the status of your deployment.

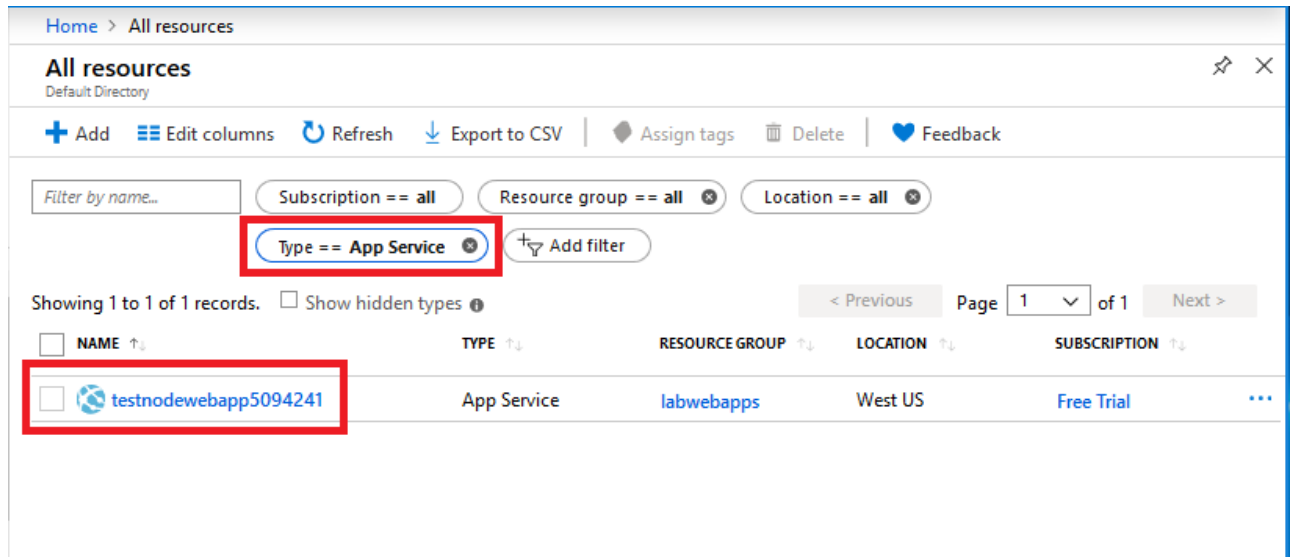
Confirm the new web app deployment

Once the app is ready, navigate to the new app in the Azure portal:

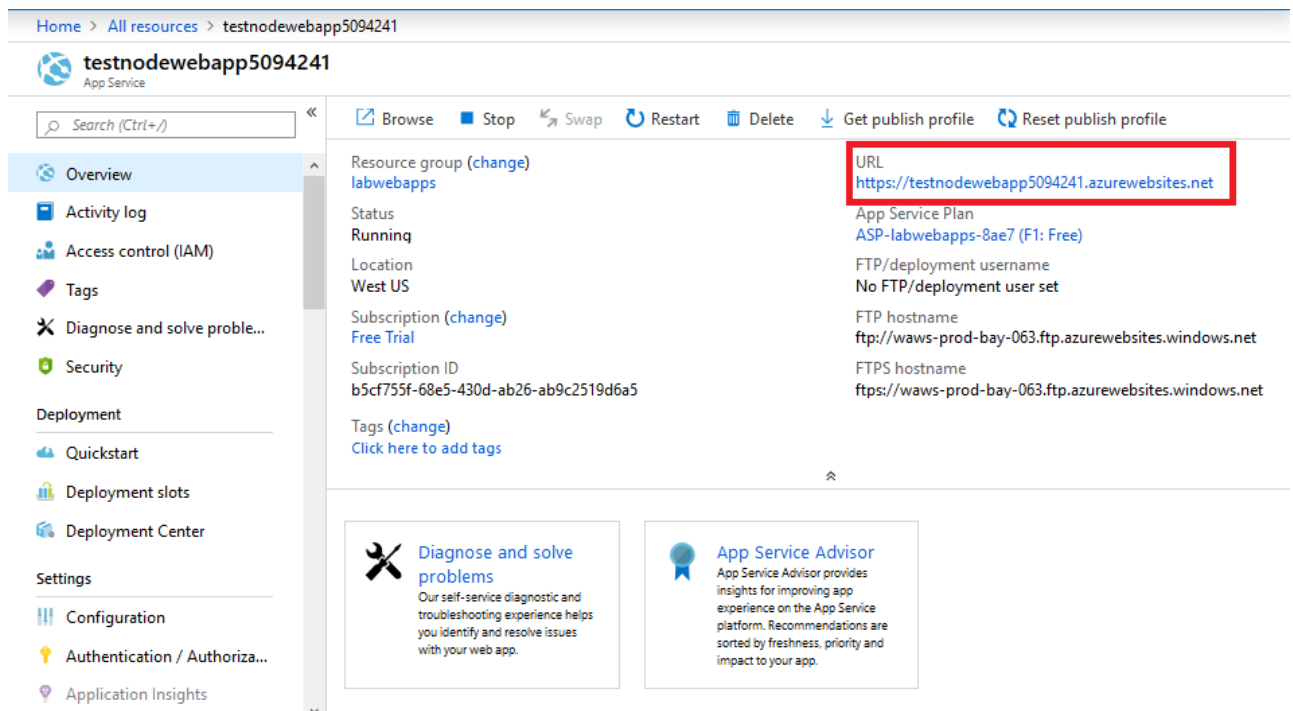
1. Select the **All resources** menu on the left side navigation, then click the **Type == all** default filter, and clear all selections except **App Service**.



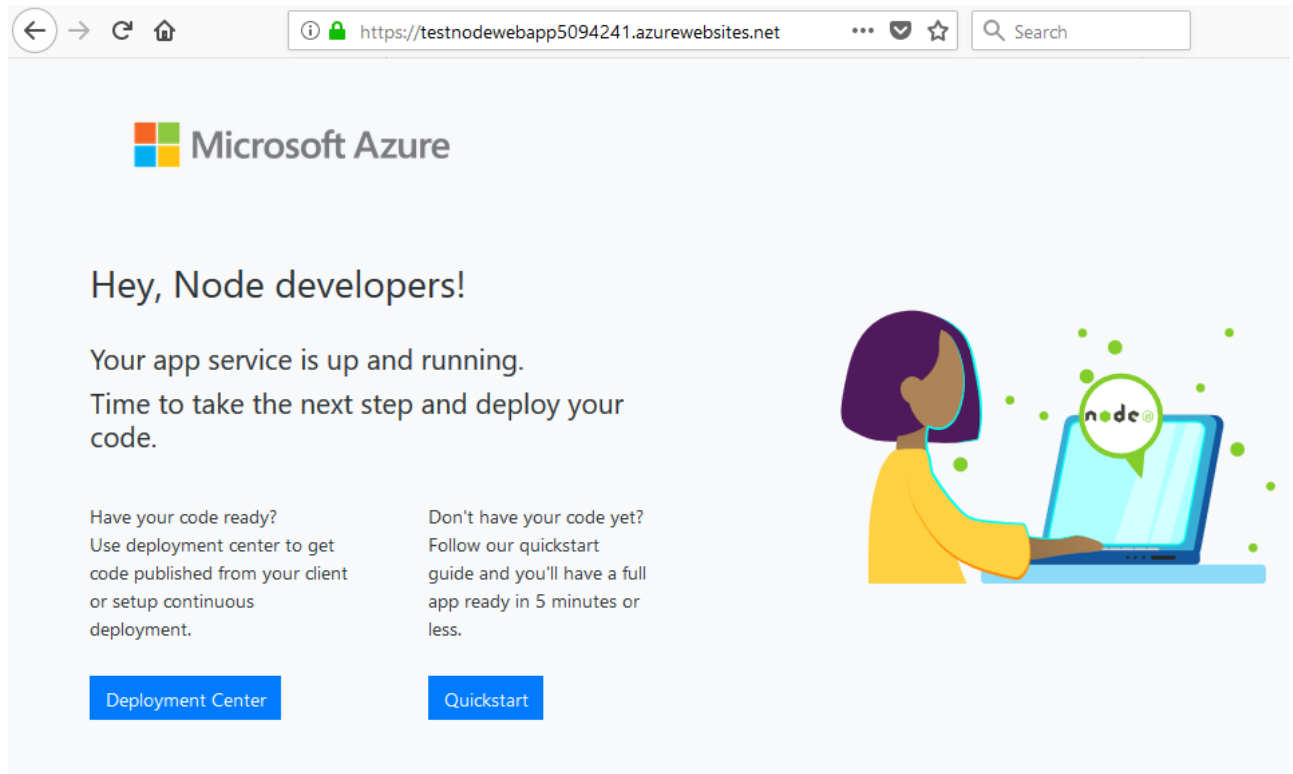
2. Select your Web App resource from the list. Make sure to select the web app, and not the App Service plan.



3. The portal displays the web app overview page.



4. To preview your new web app's default content, select its **URL** at the top right. The placeholder page that loads indicates that your web app is up and running and ready to receive deployment of your app's code.



Congratulations! You just created a Web App, in the Azure Portal.