

Exercise - Create a web app in the Azure portal

5 minutes

This module requires a sandbox to complete. A **sandbox** gives you access to free resources. Your personal subscription will not be charged. The sandbox may only be used to complete training on Microsoft Learn. Use for any other reason is prohibited, and may result in permanent loss of access to the sandbox.

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[Sign in to activate sandbox](#)

In this unit, you'll use the Azure portal to create a web app.

Create a web app

Sign in to the [Azure portal](#) using the same account you used to activate the sandbox.

1. On the Azure portal menu, or from the **Home** page, select **Create a resource**. Everything you create on Azure is a resource. The **Create a resource** pane appears.

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.

2. In the **Create a resource** menu, select **Web**.
3. Select **Web App**. If you don't see it, in the search box, search for and select **Web App**. The **Create Web App** resource pane appears.

4. On the **Basics** tab, enter the following values for each setting.

Setting	Value	Details
Project Details		
Subscription	Concierge Subscription	The web app you're creating must belong to a resource group. Here, you select the Azure subscription to which the resource group belongs (or will belong, if you're creating it within the wizard).
Resource Group	From the dropdown list, select [Sandbox resource group]	The resource group to which the web app will belong. All Azure resources must belong to a resource group.
Instance Details		
Name	<i>Enter a unique name</i>	The name of your web app. This name will be part of the app's URL: <i>appname.azurewebsites.net</i> . The name you choose must be unique among all Azure web apps.
Publish	Code	The method you want to use to publish your application. When publishing an application as code, you also must configure Runtime stack to prepare App Service resources to run your app.
Runtime stack	Python 3.8	The platform on which your application will run. Your choice may affect whether you have a choice of operating system - for some runtime stacks, App Service supports only one operating system.
Operating System	Linux	The operating system used on the virtual servers that will run your app.

Region	Central US	The geographical region from which your app will be hosted.
App Service Plan		
Linux Plan	Accept default	The name of the App Service plan that will power your app. By default, the wizard will create a new plan in the same region as the web app.
Sku and size	F1	The pricing tier of the service plan being created. This determines the performance characteristics of the virtual servers that power your app, and the features to which it has access. To select the F1 tier, select Change size to open the Spec Picker wizard. Select Dev / Test , select F1 , and then select Apply .

Create Web App ...

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 * ⓘ

Concierge Subscription



Resource Group * ⓘ

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[Create new](#)

Instance Details

Need a database? [Try the new Web + Database experience.](#)

Name *

MSLearnAppService2

.azurewebsites.net

Publish *



Code



Docker Container

Runtime stack *

Python 3.8

Operating System *



Linux



Windows

Region *

Central US

ⓘ Not finding 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 (Central US) * ⓘ

(New) ASP-learn003104c10f504ea286ababbcb7-8870

[Create new](#)

Sku and size *

Free F1

1 GB memory

[Change size](#)

[Review + create](#)

[< Previous](#)

[Next : Deployment >](#)

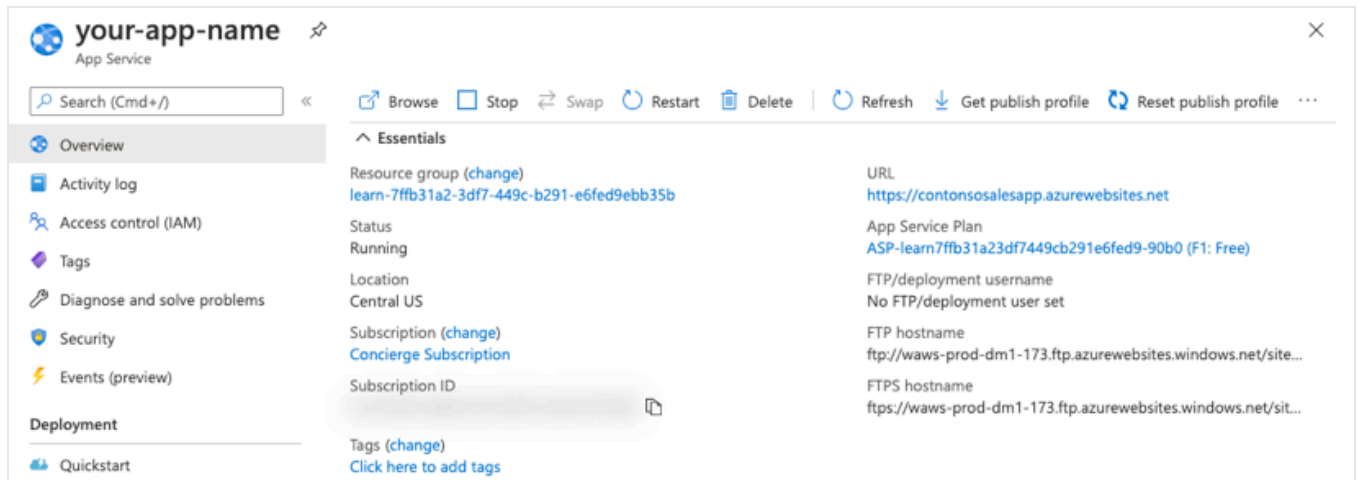
5. Leave any other settings as default. Select **Review + Create** to go to the review pane, and then select **Create**. The portal shows the deployment pane, where you can view the status of your deployment.

⚠ Note

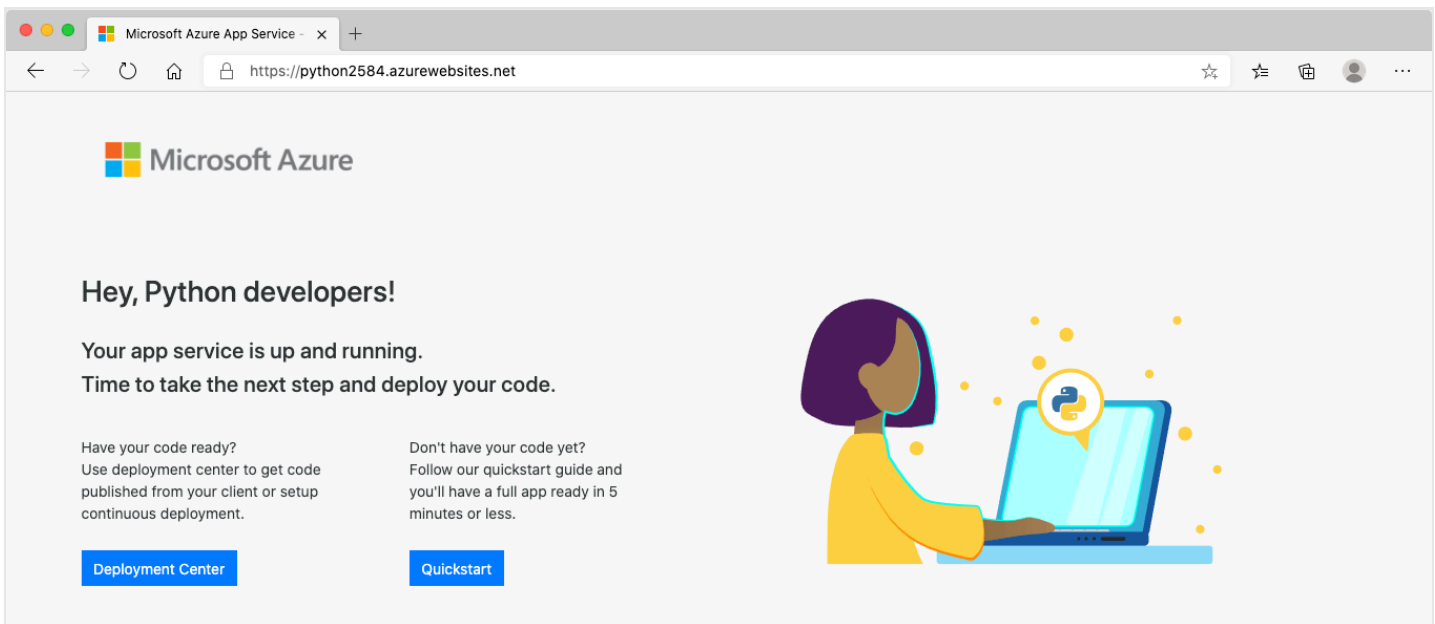
It can take a moment for deployment to complete.

Preview your web app

1. When deployment is complete, select **Go to resource**. The portal shows the App Service Overview pane for your web app.



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



Leave the browser tab with the new app's placeholder page open. You'll come back to it after you've deployed your app.

Next unit: Prepare the web application code

[Continue >](#)
