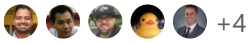
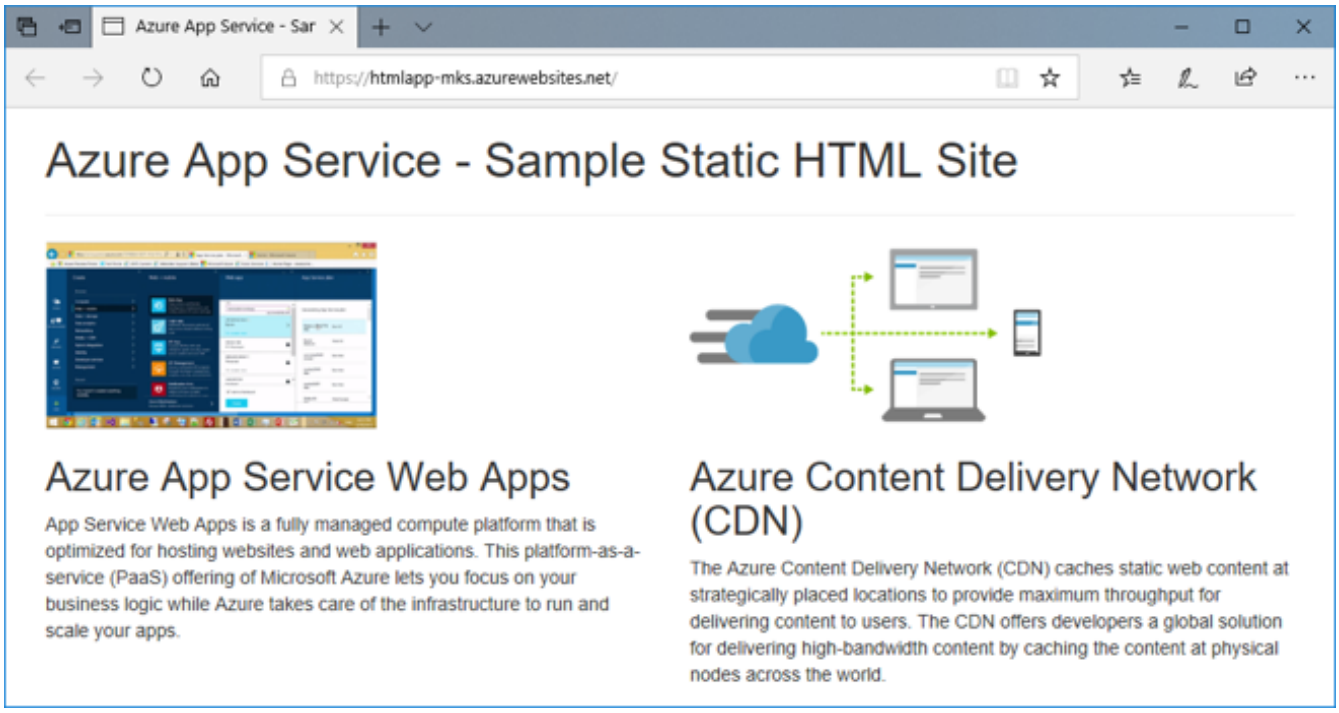
Create a static HTML web app in Azure

08/23/2019 • 3 minutes to read •  +4

In this article

Azure App Service provides a highly scalable, self-patching web hosting service. This quickstart shows how to deploy a basic HTML+CSS site to Azure App Service. You'll complete this quickstart in Cloud Shell, but you can also run these commands locally with Azure CLI.



If you don't have an Azure subscription, create a free account before you begin.

Use Azure Cloud Shell

Azure hosts Azure Cloud Shell, an interactive shell environment that you can use through your browser. You can use either Bash or PowerShell with Cloud Shell to work with Azure services. You can use the Cloud Shell preinstalled commands to run the code in this article without having to install anything on your local environment.

To start Azure Cloud Shell:

Option	Example/Link
Select **Try It** in the upper-right corner of a code block. Selecting **Try It** doesn't automatically copy the code to Cloud Shell.	
Go to https://shell.azure.com, or select the **Launch Cloud Shell** button to open Cloud Shell in your browser.	

Select the **Cloud Shell** button on the menu bar at the upper right in the Azure portal.

To run the code in this article in Azure Cloud Shell:

1. Start Cloud Shell.
2. Select the **Copy** button on a code block to copy the code.
3. Paste the code into the Cloud Shell session by selecting **Ctrl**+**Shift**+**V** on Windows and Linux or by selecting **Cmd**+**Shift**+**V** on macOS.
4. Select **Enter** to run the code.

Download the sample

In the Cloud Shell, create a quickstart directory and then change to it.

Bash Copy

```
mkdir quickstart

cd $HOME/quickstart
```

Next, run the following command to clone the sample app repository to your quickstart directory.

Bash Copy

```
git clone https://github.com/Azure-Samples/html-docs-hello-world.git
```

Create a web app

Change to the directory that contains the sample code and run the `az webapp up`

command. In the following example, replace <app_name> with a unique app name. Static content is indicated by the `--html` flag.

Bash Copy

```
cd html-docs-hello-world

az webapp up --location westeurope --name <app_name> --html
```

The `az webapp up` command does the following actions:

- Create a default resource group.
- Create a default app service plan.
- Create an app with the specified name.
- Zip deploy files from the current working directory to the web app.

This command may take a few minutes to run. While running, it displays information similar to the following example:

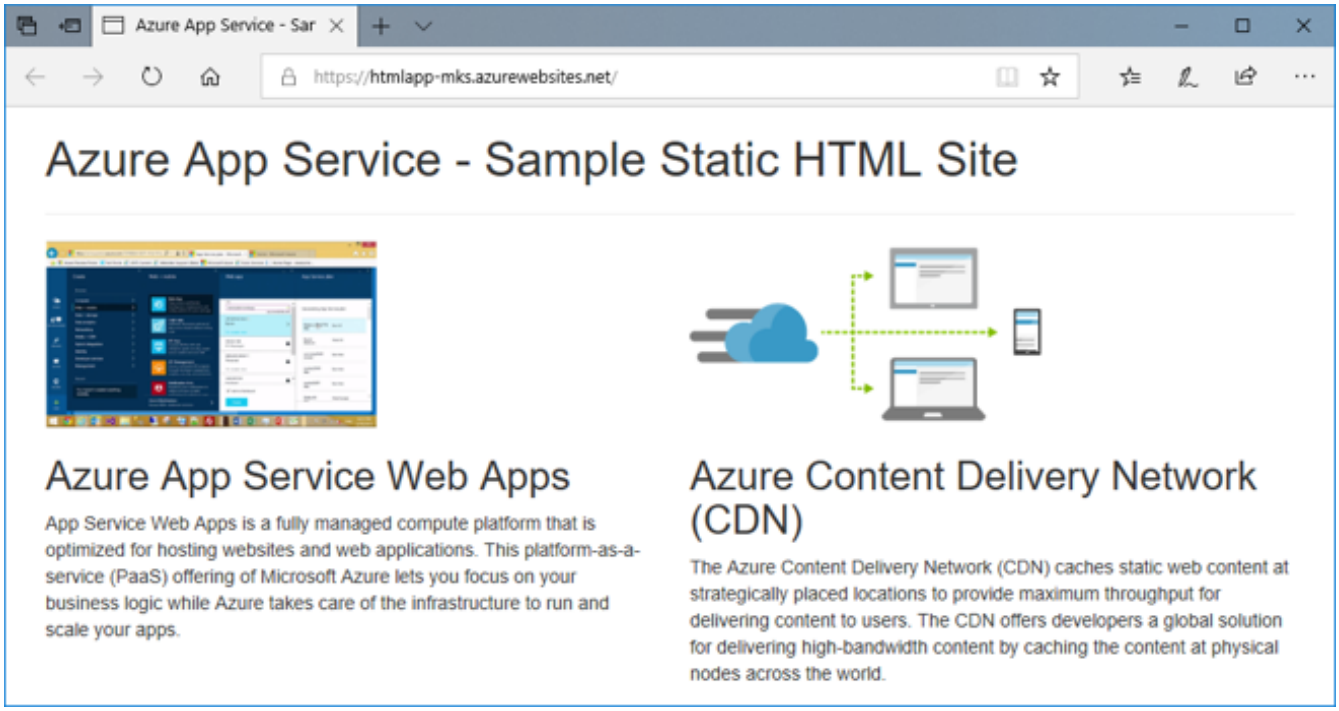
```
{
  "app_url": "https://<app_name>.azurewebsites.net",
  "location": "westeurope",
  "name": "<app_name>",
  "os": "Windows",
  "resourcegroup": "appsvc_rg_Windows_westeurope",
  "serverfarm": "appsvc_asp_Windows_westeurope",
  "sku": "FREE",
  "src_path": "/home/<username>/quickstart/html-docs-hello-world ",
  < JSON data removed for brevity. >
}
```

Make a note of the `resourceGroup` value. You need it for the clean up resources section.

Browse to the app

In a browser, go to the app URL: `http://<app_name>.azurewebsites.net`.

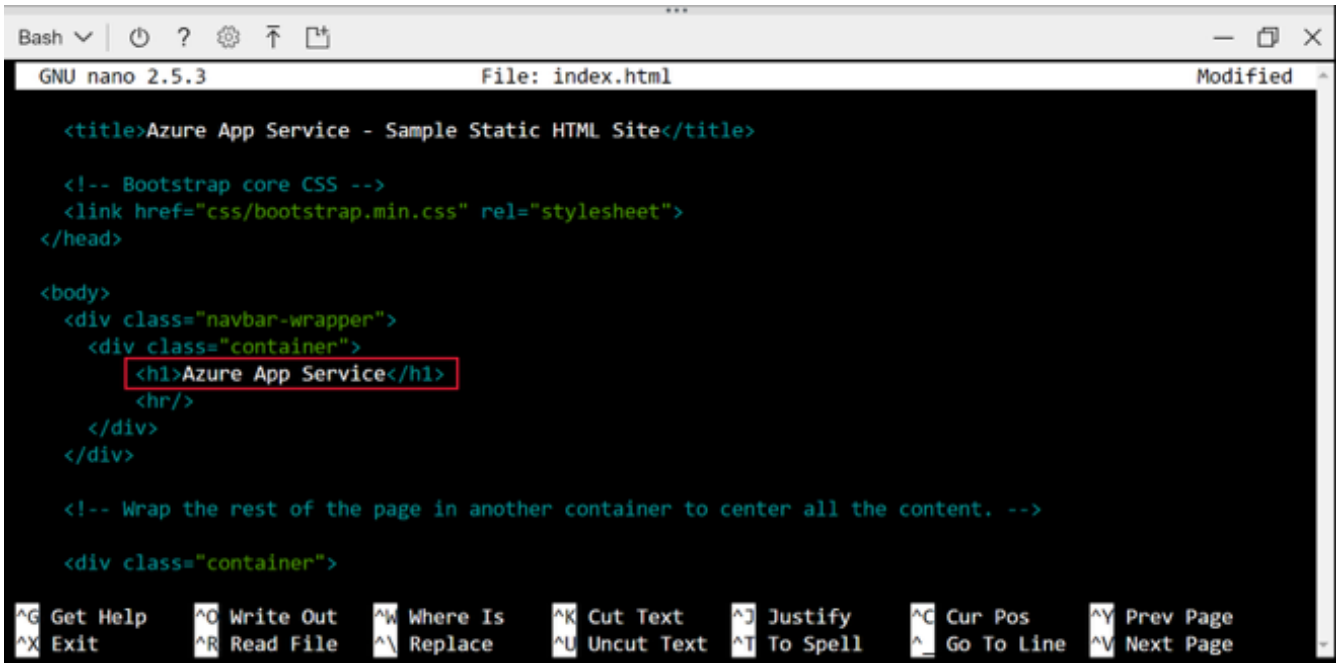
The page is running as an Azure App Service web app.



Congratulations! You've deployed your first HTML app to App Service.

Update and redeploy the app

In the Cloud Shell, type `nano index.html` to open the nano text editor. In the `<h1>` heading tag, change "Azure App Service - Sample Static HTML Site" to "Azure App Service", as shown below.



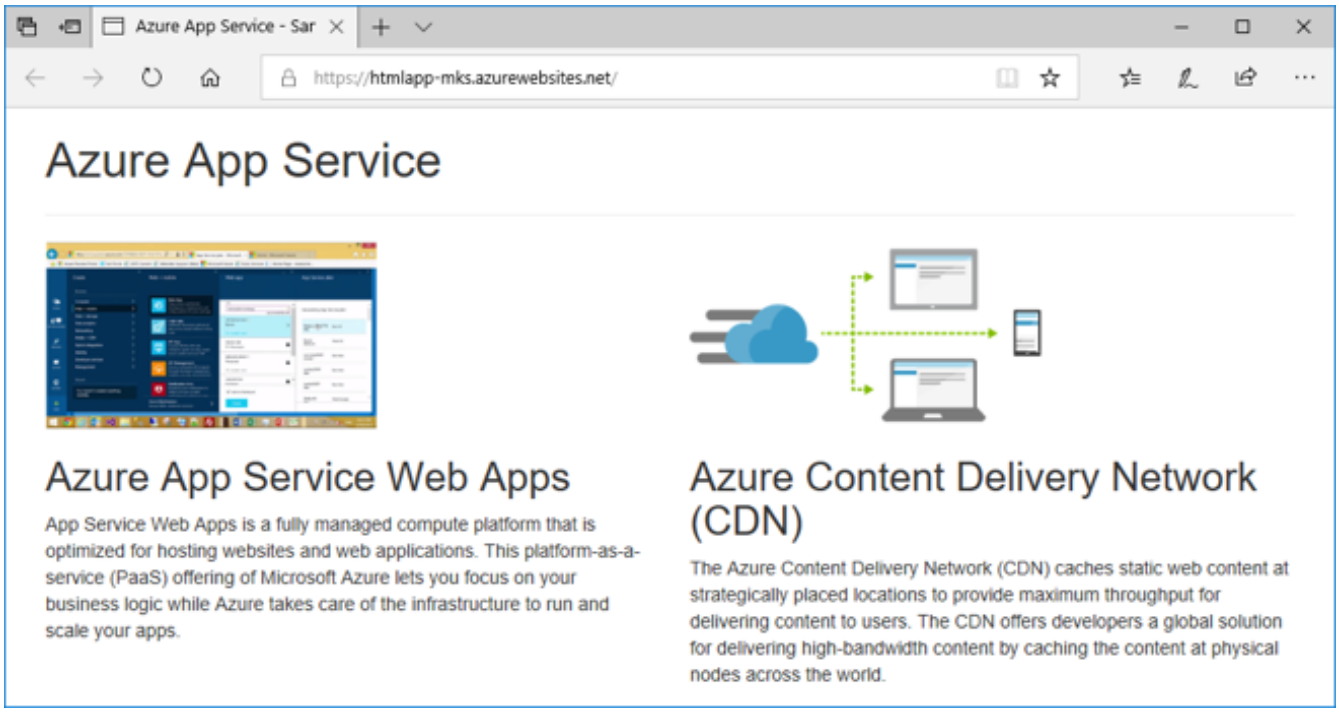
Save your changes and exit nano. Use the command `^O` to save and `^X` to exit.

You'll now redeploy the app with the same `az webapp up` command.

Bash | Copy

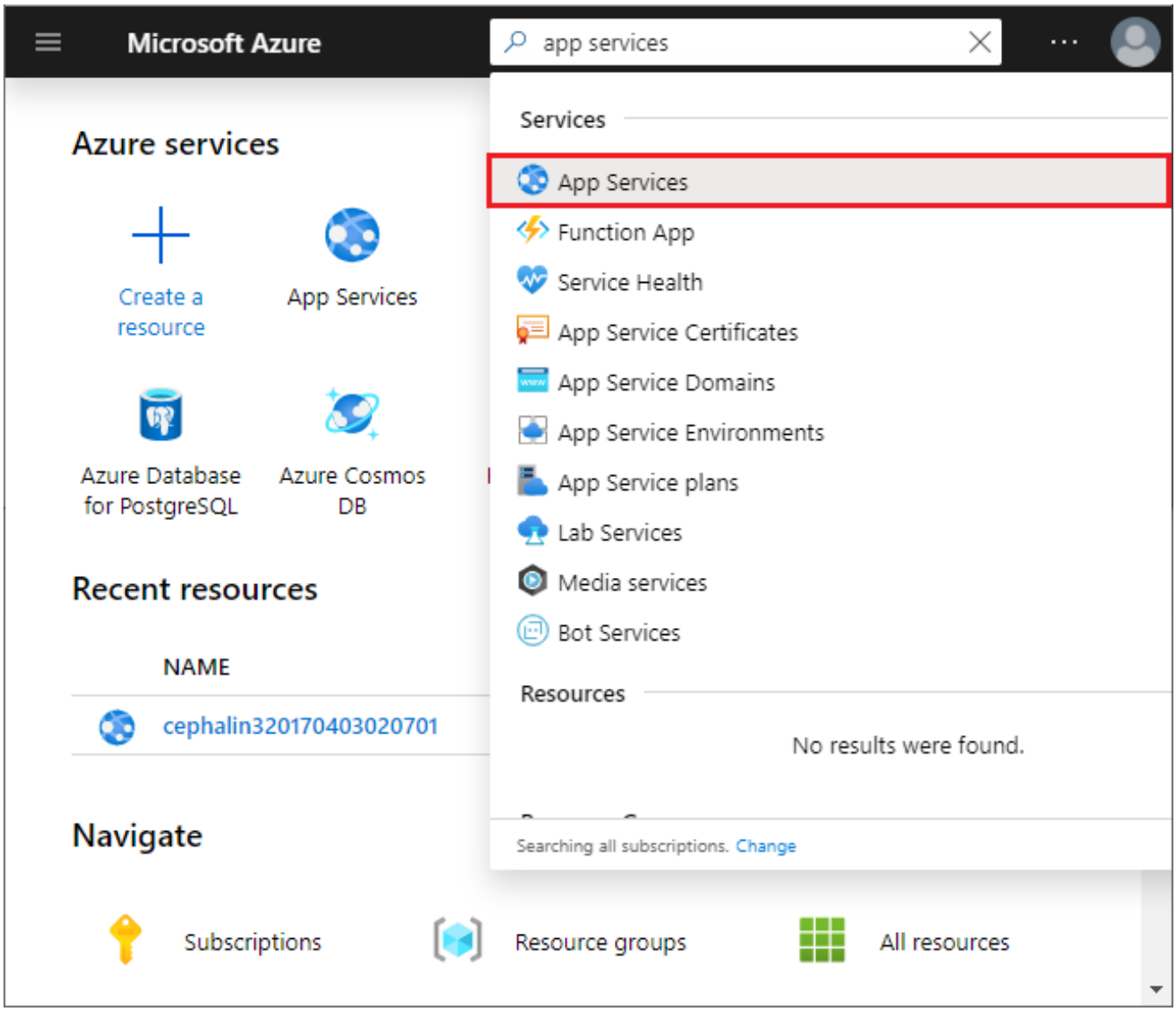
```
az webapp up --location westeurope --name <app_name> --html
```

Once deployment has completed, switch back to the browser window that opened in the **Browse to the app** step, and refresh the page.

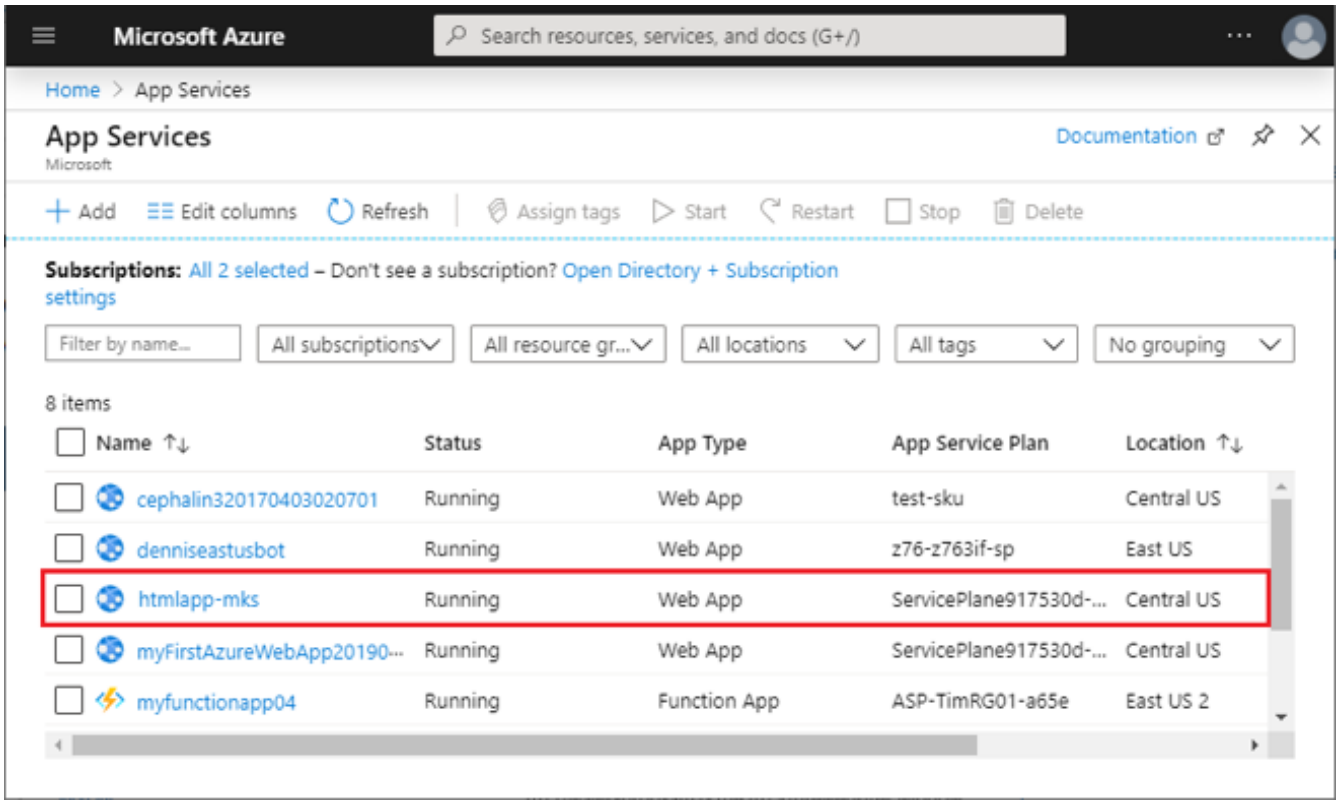


Manage your new Azure app

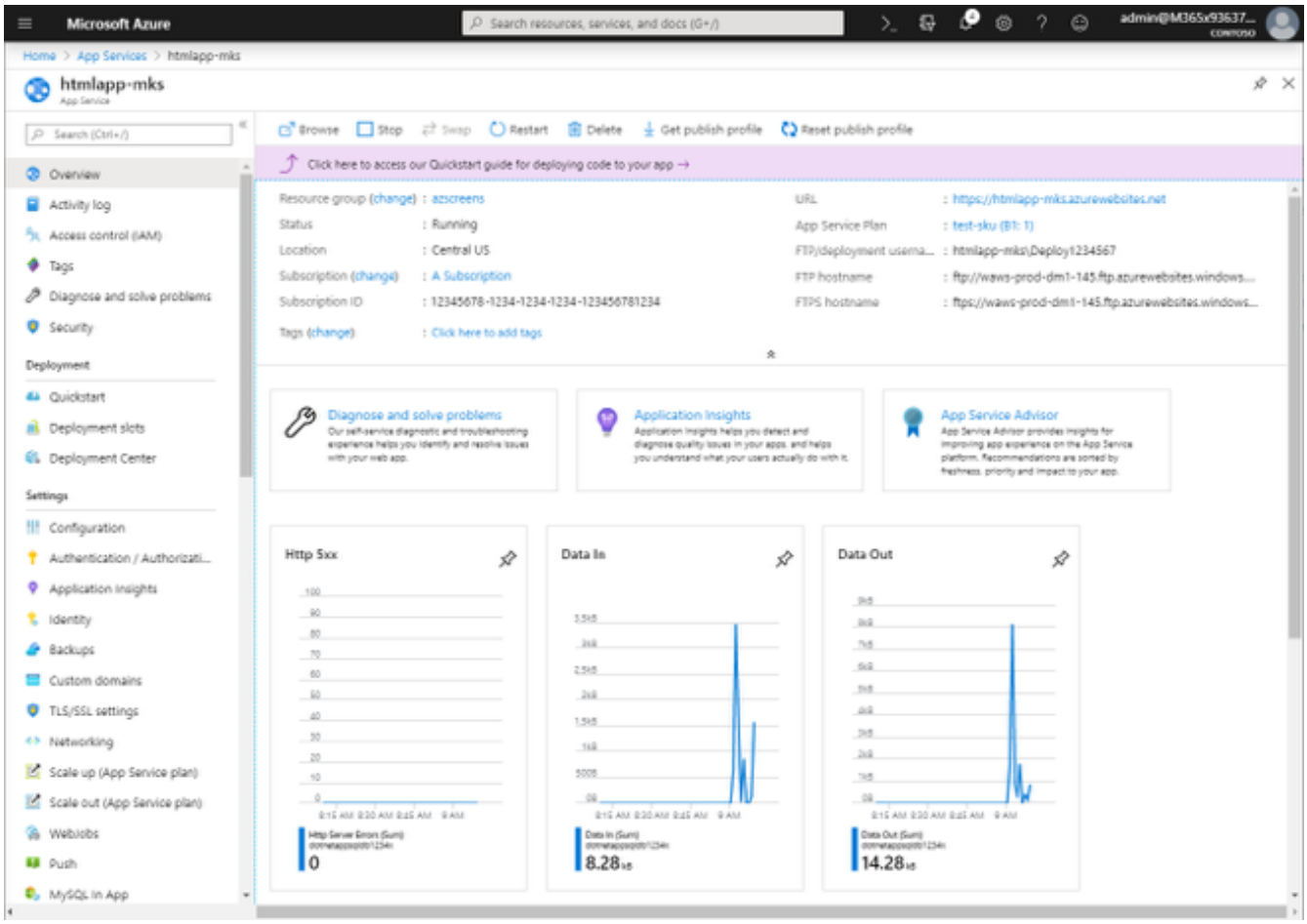
To manage the web app you created, in the Azure portal, search for and select **App Services**.



On the **App Services** page, select the name of your Azure app.



You see your web app's Overview page. Here, you can perform basic management tasks like browse, stop, start, restart, and delete.



The left menu provides different pages for configuring your app.

Clean up resources

In the preceding steps, you created Azure resources in a resource group. If you don't expect to need these resources in the future, delete the resource group by running the following command in the Cloud Shell. Remember that the resource group name was automatically generated for you in the create a web app step.

Bash	Copy
`az group delete --name appsvc_rg_Windows_westeurope`	

This command may take a minute to run.

Next steps

Map custom domain

Is this page helpful?

Yes No