Demo: Create a static HTML web app by using Azure Cloud Shell

In this demo you'll learn how to perform the following actions:

- Deploy a basic HTML+CSS site to Azure App Service by using the `az webapp up` command

- Update and redeploy the app

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.

Prerequisites

This demo is performed in the Cloud Shell using the Bash environment.

Login to Azure

1. Login to the **Azure portal** and open open the cloud shell.

2. Be sure to select the **Bash** environment.

Download the sample

1. In the Cloud Shell, create a *demo* directory and then change to it.

```
mkdir demoHTML

cd $HOME/demoHTML
```

2. Run the following command to clone the sample app repository to your *demoHTML* directory.

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

Create the web app

1. 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, and `<region>` with a region near you.

```
cd html-docs-hello-world

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

This command may take a few minutes to run. While running, it displays information similar to the example below. Make a note of the `resourceGroup` value. You need it for the clean up resources section.

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

2. Open a browser and navigate to the app URL (`http://<app_name>.azurewebsites.net`) and verify the app is running. Leave the browser open on the app for the next section.

Update and redeploy the app

1. 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".

2. Use the commands **^O** to save and **^X** to exit.

3. Redeploy the app with the same `az webapp up` command. Be sure to use the same *region* and *app_name* as you used earlier.

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

4. Once deployment is completed switch back to the browser from step 2 in the "Create the web app" section above and refresh the page.

Clean up resources

1. After completing the demo you can delete the resources you created using the resource group name you noted in step 1 of the "Create the web app" section above.

```
az group delete --name <resource_group> --no-wait
```