

Full Stack Application Development with Cloud Computing

Module 6 – Application Deployment and Management with Azure

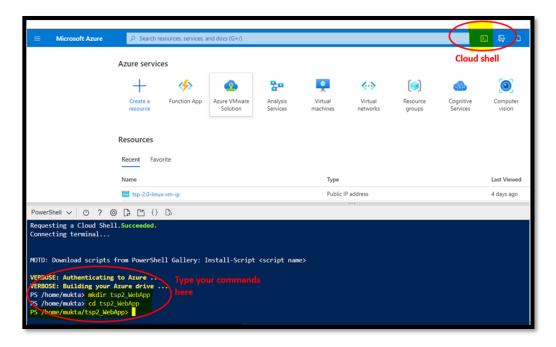
Lab Practical Manual

Topic: Web Page - Solved Question

Ex. 1: Create a static web page using visual studio code/Github/CLI

Create a static HTML web app by using Azure Cloud Shell

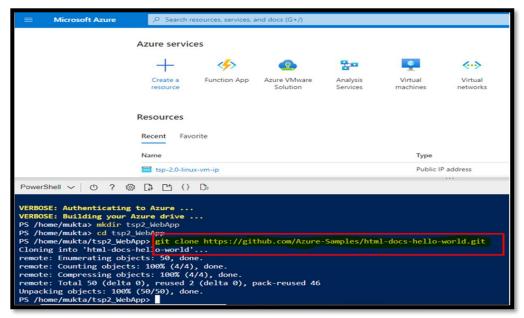
In the Cloud Shell, create a quickstart directory and then change to it.
 mkdir < directory name >
 cd < directory name >



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

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





3. 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.

```
PS /home/mukta/tsp2 WebApp/html-docs-hello-world> az webapp up --location westeurope --name myAppName8975 --html
The webapp 'myAppName8975' doesn't exist
Creating Resource group 'mukta_rg_9266' ...
Resource group creation complete
Creating AppServicePlan 'mukta_asp_0884' ...
Creating webapp 'myAppName8975' ...
Configuring default logging for the app, if not already enabled
Creating zip with contents of dir /home/mukta/tsp2_WebApp/html-docs-hello-world ...
Getting scm site credentials for zip deployment
Starting zip deployment. This operation can take a while to complete ...
Deployment endpoint responded with status code 202
You can launch the app at http://myappname8975.azurewebsites.net
Setting 'az webapp up' default arguments for current directory. Manage defaults with 'az configure --scope local'
--resource-group/-g default: mukta_rg_9266
--sku default: f1
--plan/-p default: mukta_asp_0884
--location/-l default: westeurope
--name/-n default: myAppName8975
```

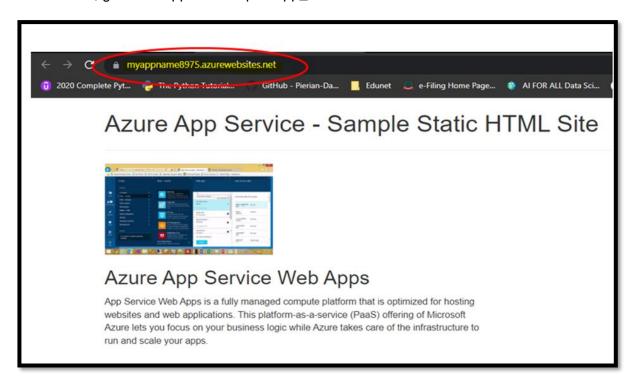
Make a note of the resourceGroup value.



```
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Setting 'az webapp up' default arguments for current directory. Man
--resource-group/-g default: mukta_rg_9266
--sku default: F1
--plan/-p default: mukta_asp_0884
 -location/-l default: westeurope
 -name/-n default: myAppName8975
  "URL": "http://myappname8975.azurewebsites.net",
  "appserviceplan": "mukta_asp_0884",
  "location": "westeurope",
 "name": "myAppName8975",
 "os": "Windows",
 "resourcegroup": "mukta_rg_9266",
  "runtime_version": "-",
  "runtime_version_detected": "-",
  "sku": "FREE",
  "src_path": "//home//mukta//tsp2_WebApp//html-docs-hello-world"
PS /home/mukta/tsp2_WebApp/html-docs-hello-world>
```

4. 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.

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