WEB HTML AZURE CLOUD SHELL

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IES TRAFALGAR

Creado por: Antonio Miguel Alba Garcia

Creación de una aplicación web HTML estática mediante Azure Cloud Shell

En el espacio aislado, creamos un directorio y, después, navegamos hasta él.

```
ermiguel_ag13 [ ~ ]$ mkdir htmlapp

cd htmlapp
ermiguel_ag13 [ ~/htmlapp ]$ []
```

Ejecutamos el siguiente comando git para clonar el repositorio de aplicaciones de ejemplo en el directorio htmlapp.

```
ermiguel_ag13 [ ~/htmlapp ]$ git clone https://github.com/Azure-Samples/html-docs-hello-world.git
Cloning into 'html-docs-hello-world'...
remote: Enumerating objects: 50, done.
remote: Total 50 (delta 0), reused 0 (delta 0), pack-reused 50 (from 1)
Receiving objects: 100% (50/50), 342.09 KiB | 10.37 MiB/s, done.
Resolving deltas: 100% (10/10), done.
ermiguel_ag13 [ ~/htmlapp ]$
```

Establecemos variables para contener el grupo de recursos y los nombres de la aplicación mediante la ejecución de los comandos siguientes.

```
ermiguel_ag13 [ ~/htmlapp ]$ resourceGroup=$(az group list --query "[].{id:name}" -o tsv)
appName=az204app$RANDOM
ermiguel_ag13 [ ~/htmlapp ]$ []
```

Creación de la aplicación web

Cambiamos al directorio que contiene el código de ejemplo y ejecutamos el comando az webapp up.

```
ermiguel_ag13 [ ~/htmlapp ]$ cd html-docs-hello-world

az webapp up -g $resourceGroup -n $appName --html
/usr/lib64/az/lib/python3.9/site-packages/paramiko/pkey.py:100: CryptographyDeprecationWarning: TripleDES has been mo
ved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
  "cipher": algorithms.TripleDES,
/usr/lib64/az/lib/python3.9/site-packages/paramiko/transport.py:259: CryptographyDeprecationWarning: TripleDES has be
en moved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
  "class": algorithms.TripleDES,
The webapp 'az204app6405' doesn't exist
Creating AppServicePlan 'ERmiguel_aG13_asp_1832' or Updating if already exists
Readonly attribute name will be ignored in class <class 'azure.mgmt.web.v2023_01_01.models._models_py3.AppServicePlan
'>
Creating webapp 'az204app6405' ...
```
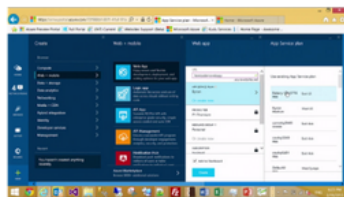
Salida del comando:

```
Setting 'az webapp up' default arguments for current directory. Manage defaults with 'az configure --scope local'
--resource-group/-g default: learn-ce20ca33-bb45-4d64-825e-b3053e6e6a98
--sku default: F1
--plan/-p default: ERmiguel_aG13_asp_1832
--location/-l default: canadacentral
--name/-n default: az204app6405
{
  "URL": "http://az204app6405.azurewebsites.net",
  "appserviceplan": "ERmiguel_aG13_asp_1832",
  "location": "canadacentral",
  "name": "az204app6405",
  "os": "Windows",
  "resourcegroup": "learn-ce20ca33-bb45-4d64-825e-b3053e6e6a98",
  "runtime_version": "-",
  "runtime_version_detected": "-",
  "sku": "FREE",
  "src_path": "//home//ermiguel_ag13//htmlapp//html-docs-hello-world"
}
```

Si ahora vamos a la URL que nos tira entraremos a nuestra web.

https://az204app6405.azurewebsites.net/#/index

Azure App Service - Sample Static HTML Site

Azure App Service Web Apps

App Service Web Apps is a fully managed compute platform that is optimized for hosting websites and web applications. This platform-as-a-service (PaaS) offering of Microsoft Azure lets you focus on your business logic while Azure takes care of the infrastructure to run and scale your apps.
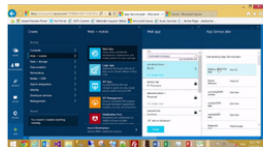
Si queremos personalizarlo podemos ir al archivo index.html y modificarlo. En mi caso pondré mi nombre y para aplicarlo volvemos a implementar la aplicación con el mismo comando `az webapp up` que ha usado antes.

```
ermiguel_ag13 [ ~/htmlapp/html-docs-hello-world ]$ az webapp up -g $resourceGroup -n $appName --html
```

Volvemos a acceder a la web y veremos el cambio.

Antonio Miguel Alba Garcia

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