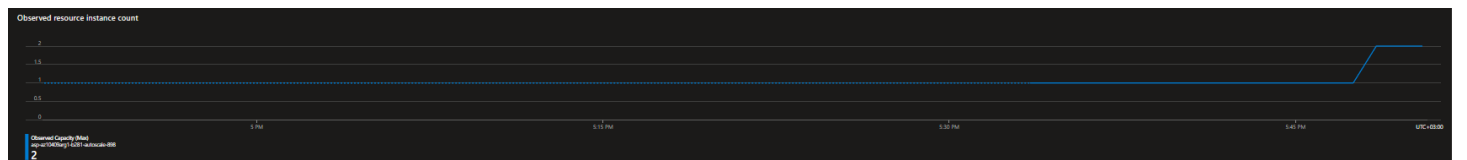


Lab 09a Implement Web Apps

You need to evaluate the use of Azure Web apps for hosting Contoso’s web sites, hosted currently in the company’s on-premises data centers. The web sites are running on Windows servers using PHP runtime stack. You also need to determine how you can implement DevOps practices by leveraging Azure web apps deployment slots.



Scaling out

1. Created an Azure web app

The screenshot shows the 'Essentials' tab for a new Azure web app. Key configuration details include:

- Resource group:** ac104-09a-rg1
- Status:** Running
- Location:** East US
- Subscription:** Azure Free - Sponsorship
- Subscription ID:** 0da9f8b7-4592-453c-9ba2-2774b2a8a889
- Default domain:** ac104-09a-rfa.azurewebsites.net
- App Service Plan:** ASP-ac10409a1-6281 (P1v3, 1)
- Operating System:** Linux
- Health Check:** Not Configured

The 'Properties' tab is selected, showing details for the 'Web app', 'Domains', and 'Hosting' sections.

2. Created a staging deployment slot

The screenshot shows the 'Deployment Slots' configuration page. It displays a table with two deployment slots: 'Production' and 'Staging'.

NAME	STATUS	APP SERVICE PLAN	TRAFFIC %
ac104-09a-rfa	Running	ASP-ac10409a1-6281	100
ac104-09a-rfa-staging	Running	ASP-ac10409a1-6281	0

Getting the stages ready

ToDo:



- Use case/project for test


3. Configured web app deployment settings

User scope

User scope credentials are defined by you, the user, and can be used with all the apps to which you have access. These credentials can be used with FTPS, Local Git and WebDeploy. Authenticating to an FTPS endpoint using user-level credentials requires a username in the following format: 'az104-09a-SFA\SFA-Webapp'. Authenticating with Git requires only the username 'SFA-Webapp' defined below. [Learn more](#)

Username

Password   Reset

Confirm Password 

Setting user name and password

4. Deployed code to the staging deployment slot

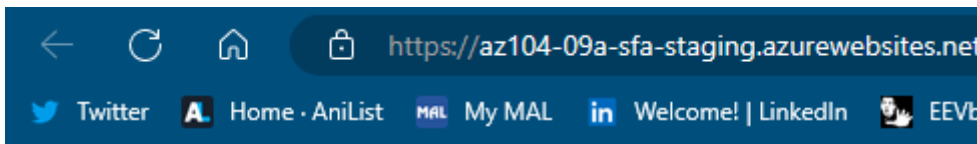
```
@ ~/az104 128 x 17:19:39
ls
php-docs-hello-world

@ ~/az104 ✓ 17:19:46
cd php-docs-hello-world

@ ~/az104/php-docs-hello-world P master ✓ 17:19:48
git remote add Webapp https://az104-09a-sfa-staging.scm.azurewebsites.net:443/az104-09a-sfa.git

@ ~/az104/php-docs-hello-world P master ✓ 17:19:52
git push Webapp master
Username for 'https://az104-09a-sfa-staging.scm.azurewebsites.net:443': SFA-Webapp
Password for 'https://SFA-Webapp@az104-09a-sfa-staging.scm.azurewebsites.net:443':
Everything up-to-date
```

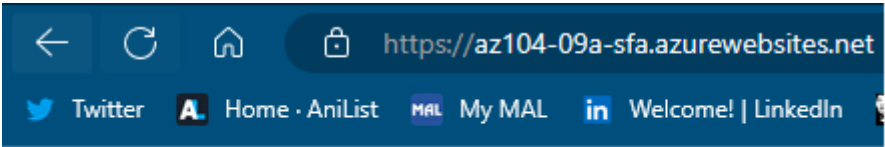
Pushing code from WSL



Hello World!

Hello from staging

5. Swapped the staging slots



Hello World!

Hello from prod

6. Configured and test autoscaling of the Azure web app

