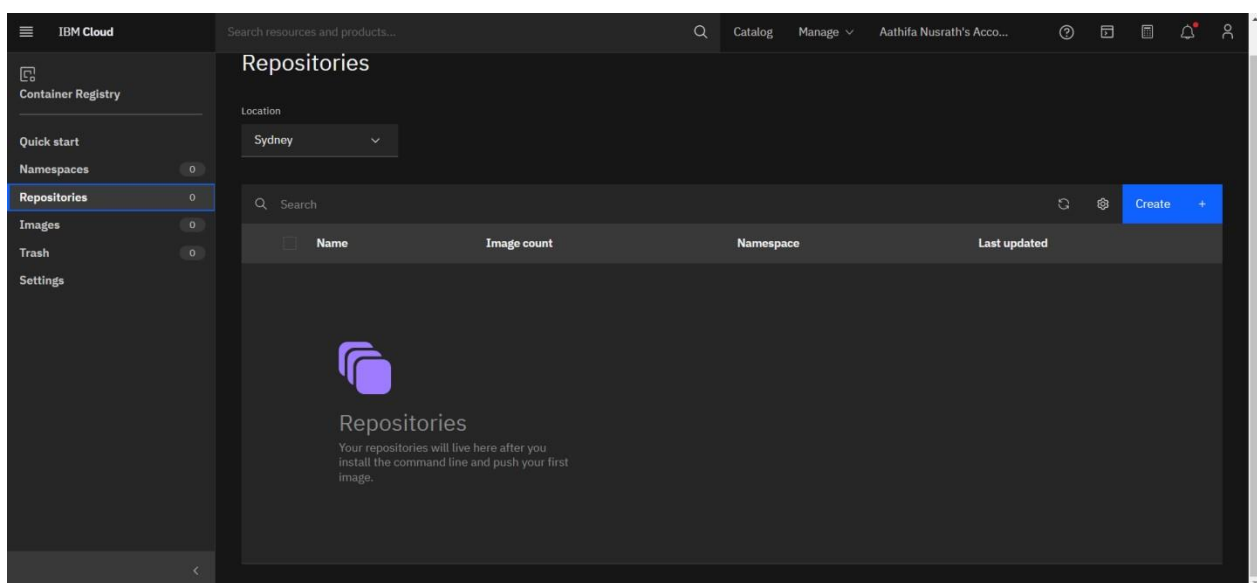


## Deployment of app in IBM Cloud

### Upload the image to IBM container Registry

Date	14 November 2022
Team ID	PNT2022TMID40249
Project Name	SKILL / JOB RECOMMENDER

**Step 1.** In IBM Cloud Kubernetes Service, click the repositories in container registry.



**Step 2.** Install the container registry plug in.

**Step 3.** Login to the IBM Cloud account.

**Step 4.** Login docker and push the image to the IBM Container Registry.

```
C:\Windows\System32\cmd.exe
Error response from daemon: Get "https://registry-1.docker.io/v2/": unauthorized: incorrect username or password

C:\Users\User\Documents\project\New folder\CCR>docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\User\Documents\project\New folder\CCR>docker tag app:latest aathifa/app:latest

C:\Users\User\Documents\project\New folder\CCR>docker push aathifa/app:latest
The push refers to repository [docker.io/aathifa/app]
Get "https://registry-1.docker.io/v2/": net/http: request canceled while waiting for connection (Client.Timeout exceeded while awaiting headers)

C:\Users\User\Documents\project\New folder\CCR>docker push aathifa/app:latest
The push refers to repository [docker.io/aathifa/app]
007c729ab9e8: Pushed
1050391cd810: Pushed
7c1f26defcd1: Pushed
2c4a59a5706f: Pushed
4ffe8378c873: Pushed
6245dcd1b96f: Mounted from library/python
26e08b3268b4: Mounted from library/python
adf6e7b1c68f: Mounted from library/python
408e53c5e3b2: Mounted from library/python
50644c29ef5a: Mounted from library/python
latest: digest: sha256:fe03fedffbea4fb17ee72f2891e73a92626a89c2e3830c942aa5dbfd2f1acf39 size: 2414
```

1. Push the image to the IBM Cloud Registry
2. From your account dashboard, go to IBM Cloud Kubernetes Service.
3. From the left navigation menu, select Private Repositories.
4. Install the Container Registry plug-in.
5. Ibm cloud plugin install container-registry -r "IBM Cloud"
6. Log in to your IBM Cloud account.
7. Ibm cloud login -a
8. Name and create your namespace. Use this namespace for the rest of the Quick Start.
9. Ibm cloud cr namespace-add
10. Log your local Docker daemon into the IBM Cloud Container Registry.
11. Ibm cloud cr login
12. Choose a repository and tag by which you can identify the image.
13. docker tag
14. Push the image.
15. docker push
16. Verify that your image is in your private registry.
17. Ibm cloud cr image-list