Deployment of App in IBM Cloud

Upload the Image in Container Registry

Date	18 November 2022
Team ID	PNT2022TMID42197
Project Name	Customer Care Registry
Team Members	Arrush N,Kanishkar R,Poojashree R,Pradap V

Step 1 :

Go to account dashboard and go to **IBM Cloud Kubernetes Service**.From the left navigation menu, select **Private Repositories**.
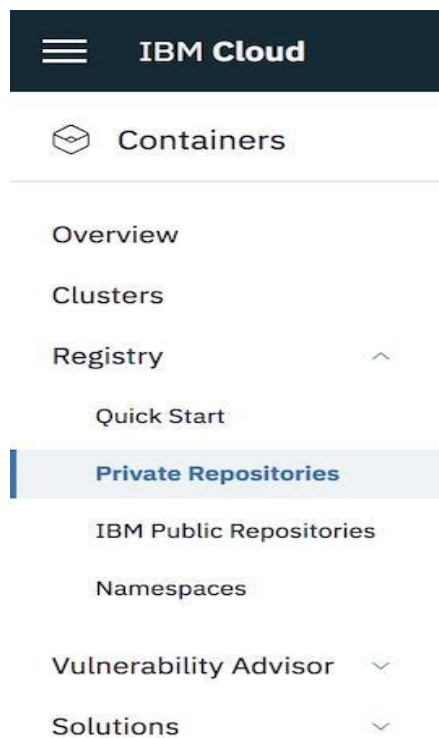
Step 2 :

Then Follow the Steps to Upload the Image.

1. Install the Container Registry plug-in.

   ibmcloud plugin install container-registry -r "IBM Cloud"

2. Log in to your IBM Cloud account.

   ibmcloud login -a   <cloud_foundary_end_point_for_the_region>

3. Name and create your namespace. Use this namespace for the rest of the Quick Start.

   ibmcloud cr namespace-add <namespace>

4. Log your local Docker daemon into the IBM Cloud Container Registry.

   ibmcloud cr login

5. Choose a repository and tag by which you can identify the image.

   docker tag <image_name> <region_url>/<namespace>/<image_name>:<tag>

6. Push the image.

   docker push <region_url>/<namespace>/<image_name>:<tag>

Step 3 :

```
kunals-mbp:web kunalmalhotra$ docker push registry.ng.bluemix.net/flask-node/app:latest
The push refers to repository [registry.ng.bluemix.net/flask-node/app]
a905410b27c1: Pushed
b96dea950728: Pushed
437e8db4a234: Pushed
ba9884d50644: Pushed
1989aa0f3739: Layer already exists
7bec9e49c283: Layer already exists
1172bcd1177f: Layer already exists
8eb4c3a69e64: Layer already exists
1fa8778eb779: Layer already exists
fa0c3f992cbd: Layer already exists
ce6466f43b11: Layer already exists
719d45669b35: Layer already exists
3b10514a95be: Layer already exists
latest: digest: sha256:5015254c21592b5ab08168707b74ddd763e97e80b59d9187afa2a80433b9d2ab size: 3061
kunals-mbp:web kunalmalhotra$
```

Step 4 :

Check image upload or not.

```
kunals-mbp:web kunalmalhotra$ ibmcloud cr image-list
Listing images...

REPOSITORY                                TAG      DIGEST         NAMESPACE    CREATED     SIZE     SECURITY STATUS
registry.ng.bluemix.net/flask-node/app    latest   b721dd768fe0   flask-node   1 day ago   366 MB   3 Issues

OK
kunals-mbp:web kunalmalhotra$
```

Step 5 :

Image has been uploaded Successfully.