DEPLOYMENT OF APP IN IBM CLOUD

UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Team ID	PNT2022TMID00768
Project Name	CONTAINMENT ZONE ALERTING APPLICATION
Team Members:	Vishwa S, B Harsha Vardhan, Srivas C, Tharun C

1. **From your account dashboard, go to IBM Cloud Kubernetes Service**.
2. **From the left navigation menu, select Private Repositories**.

3. **Install the Container Registry plug-in.**

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

4. **Log in to your IBM Cloud account.**

```
ibmcloud login -a <cloud_foundary_end_point_for_the_region>
```

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

```
ibmcloud cr namespace-add <namespace>
```

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

```
ibmcloud cr login
```

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

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

8. **Push the image.**

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

```
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$ █
```

9. **Verify that your image is in your private registry.**

```
ibmcloud cr image-list
```

```
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$
```