

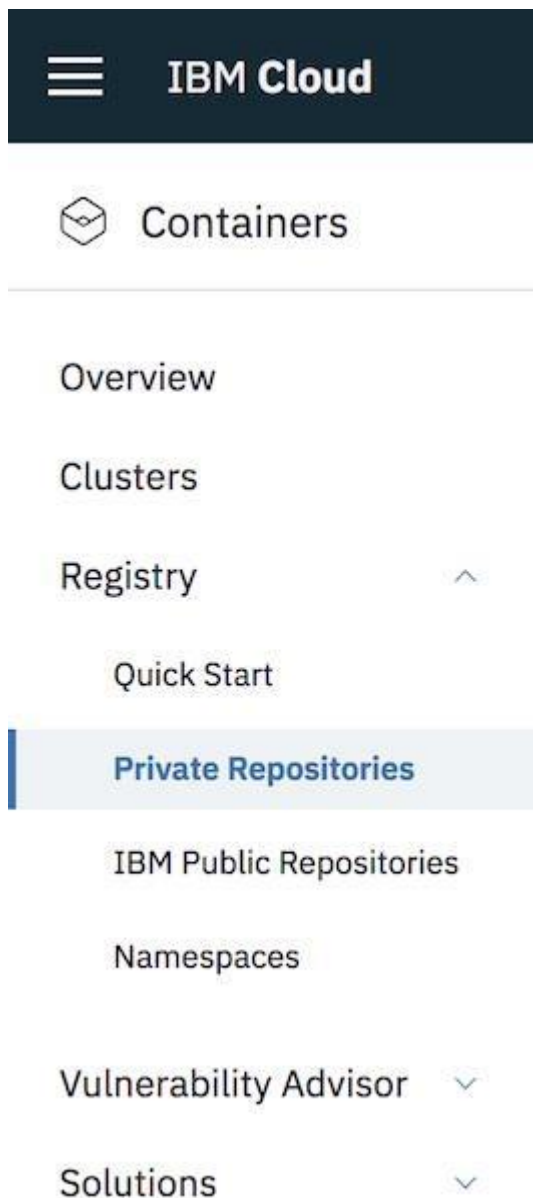
DEPLOYMENT OF APP IN IBM CLOUD

Upload image to IBM Container Registry

Team ID : PNT2022TMID34735
Team leader : MOHAMED YOSUF J
Team member : REHAS ROVIO P
Team member : SANJAI V
Team member : ROHITH M H

Push the image to the IBM Cloud Registry

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.
4. `ibmcloud plugin install container-registry -r "IBM Cloud"`
5. Log in to your IBM Cloud account.
6. `ibmcloud login -a <cloud_foundry_end_point_for_the_region>`
7. Name and create your namespace. Use this namespace for the rest of the Quick Start.

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

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

10. `ibmcloud cr login`

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

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

13. Push the image.

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

```
kunals-mbp:web kunalmahotra$ 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
fa0c3f992c0d: Layer already exists
ce6466f43b11: Layer already exists
719d45669b35: Layer already exists
3b10514a95be: Layer already exists
latest: digest: sha256:5015254c21592b5ab08168707b74ddd763e97e80b59d9187afa2a80433b9d2ab size: 3061
kunals-mbp:web kunalmahotra$
```

15. Verify that your image is in your private registry.

16. `ibmcloud cr image-list`

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

REPOSITORY                                TAG      DIGEST      NAMESPACE  CREATED    SIZE    SECURITY STATUS
registry.ng.bluemix.net/flask-node/app    latest   b721dc768fe0 flask-node  1 day ago  366 MB  3 Issues

OK
kunals-mbp:web kunalmahotra$
```