

## DEPLOYMENT OF APP IN IBM CLOUD – UPLOAD IMAGE TO CONTAINER REGISTRY

Date	8 Nov 2022
Team ID	PNT2022TMID01769
Project Name	Nutrition Assistant Application

Push the image to the IBM Cloud Registry

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



- Install the Container Registry plug-in.
- `ibmcloud plugin install container-registry -r "IBM Cloud"`
- Log in to your IBM Cloud account.

6. `ibmcloud login -a <cloud_foundry_end_point_for_the_region>`

- Name and create your namespace. Use this namespace for the rest of the Quick Start.
- `ibmcloud cr namespace-add <namespace>`
- Log your local Docker daemon into the IBM Cloud Container Registry.
- `ibmcloud cr login`
- Choose a repository and tag by which you can identify the image.
- `docker tag <image_name> <region_url>/<namespace>/<image_name>:<tag>`
- Push the image.
- `docker push <region_url>/<namespace>/<image_name>:<tag>`

- 16. `ibmcloud cr image-list`
- Verify that your image is in your private registry.

```
kunals-mbp:web kunalmlhotra$ 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 kunalmlhotra$
```