

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

Date	8 Nov 2022
Team ID	PNT2022TMID01742
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"
```

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- 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>
```

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

```
ibmcloud cr login
```

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

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

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- Push the image.

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

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

```
kunals-nbp:web kunalnohotra$ ibmcloud cr image-list
Listing images...

REPOSITORY          TAG      DIGEST      NAMESPACE  CREATED    SIZE    SECURITY STATUS
registry.ng.bluemix.net/flask-node/app  latest   b721d6768fe0 flask-node  1 day ago  366 MB  3 Issues

OK
kunals-nbp:web kunalnohotra$
```