

DEPLOYMENT OF APP IN IBM CLOUD

Upload image to IBM Container Registry

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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**.



Containers

Overview

Clusters

Registry ^

Quick Start

Private Repositories

IBM Public Repositories

Namespaces

Vulnerability Advisor v

Solutions v

- 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_foundary_end_point_for_the_region>`
- Name and create your namespace. Use this namespace for the rest of the Quick Start.
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- `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`

```
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  b721da768fe0  Flask-node  1 day ago  366 MB  3 Issues

OK
kunals-nbp:web kunalnohotra$
```

- Verify that your image is in your private registry.