

## Upload Image to the container Registry

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### Push the image to the IBM Cloud Registry

**Step 1.** From your account dashboard, go to **IBM Cloud Kubernetes Service**.

**Step 2.** From the left navigation menu, select **Private Repo**



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

**Step 4.** `ibmcloud plugin install container-registry -r "IBM Cloud"`

**Step 5.** Log in to your IBM Cloud account.

**Step 6.** `ibmcloud login -a <cloud_foundary_end_point_for_the_region>`

**Step 7.** Name and create your namespace. Use this namespace for the rest of the Quick Start.

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

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

**Step 10.** `ibmcloud cr login`

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

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

**Step 12.** 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
437e8db40234: 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
3b18514a95be: Layer already exists
latest: digest: sha256:5015254c21592b5ab08168707b74ddd763e97e80b59d9187afa2a80433b9d2ab size: 3061
kunals-mbp:web kunalmalhotra$
```

**Step 13.** Verify that your image is in your private registry.

**Step 14.** `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   b721ad708f0 flask-node  1 day ago  366 MB  3 issues
OK
kunals-mbp:web kunalmalhotra$
```

