

Upload Image to the container Registry

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Team ID	PNT2022TMID04251
Project Name	News Tracker Application

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_foundary_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>`

```
The push refers to repository [registry.ng.bluemix.net/flask-node/app]
d905418b27c1: Pushed
996dea950728: Pushed
437e8db4a234: Pushed
ba9884d50644: Pushed
1989aa8f3739: Layer already exists
7bec9e49c283: Layer already exists
1172bcd1177f: Layer already exists
8eb4c3d69e64: Layer already exists
1fa8778eb779: Layer already exists
fa0c3f992abdc: Layer already exists
ce6466f43b11: Layer already exists
719d45669b35: Layer already exists
3b10514e95be: Layer already exists
latest: digest: sha256:5015254c21592b5ab08168707b74ddd763e97e80b59d9187afa2a0433b9d2ab size: 3061
```

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

16. `ibmcloud cr image-list`

```
kurals@bpzweb:~$ ibmcloud cr image-list
Listing images...
REPOSITORY          TAG       DIGEST      NAMESPACE  CREATED    SIZE    SECURITY STATUS
registry.ng.bluemix.net/flask-node/app  latest    b721d0768fe flask-node  1 day ago  366 MB  3 Issues
OK
kurals@bpzweb:~$
```