

Date	10 November 2022
Team ID	PNT2022TMID31668
Project Name	CONTAINMENT ZONE ALERTING APPLICATION

UPLOAD IMAGE TO IBM CONTAINER REGISTRY

1. From your account dashboard, go to IBM Cloud KubernetesService.
2. From the left navigation menu, select Private Repositories.



3. Install the Container Registry plug-in.

```
ibmcloud plugin install container-registry -r "IBM Cloud"
```

4. Log in to your IBM Cloud account.

```
ibmcloud login -a <cloud_foundary_end_point_for_the_region>
```

5. Name and create your namespace. Use this namespace for the rest of the Quick Start.

```
ibmcloud cr namespace-add <namespace>
```

6. Log your local Docker daemon into the IBM Cloud ContainerRegistry.

```
ibmcloud cr login
```

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

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

8. 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  
437e8db4a234: 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  
3b10514a95be: Layer already exists  
latest: digest: sha256:5015254c21592b5ab08168707b74ddd763e97e80b59d9187afa2a80433b9d2ab size: 3061  
kunals-mbp:web kunalmalhotra$
```

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

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	b721dd768fe0	flask-node	1 day ago	366 MB	3 Issues

```
OK
```

```
kunals-mbp:web kunalmalhotra$
```


