

## UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Team ID	PNT2022TMID29529
Project Name	Inventory Management System For Retailers

Push the image to the IBM Cloud Registry



## Code

```
ibmcloud plugin install container-registry -r "IBM Cloud"
ibmcloud login -a <cloud_foundry_end_point_for_the_region>
ibmcloud cr namespace-add <namespace>
ibmcloud cr namespace-add <namespace>
docker tag <image_name>
<region_url>/<namespace>/<image_name>:<tag>
docker push <region_url>/<namespace>/<image_name>:<tag>
ibmcloud cr image-list
```

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

## deployment.yaml

```
apiVersion: extensions/v1beta1
kind: Deployment
metadata: name: flask-node-
  deployment
spec:
  replicas: 1 selector:
    matchLabels:
      app: flasknode
  template:
    metadata:
      labels: app:
        flasknode spec:
      containers:
        - name: flasknode image:
            registry.ng.bluemix.net/flas
```

k-node/app

imagePullPolicy: Always

ports:

- containerPort: 5000

**service.yaml** apiVersion:

v1 kind: Service metadata:

name: flask-node-

deployment

spec: ports:

- port: 5000 targetPort: 5000

selector: app:

flasknode