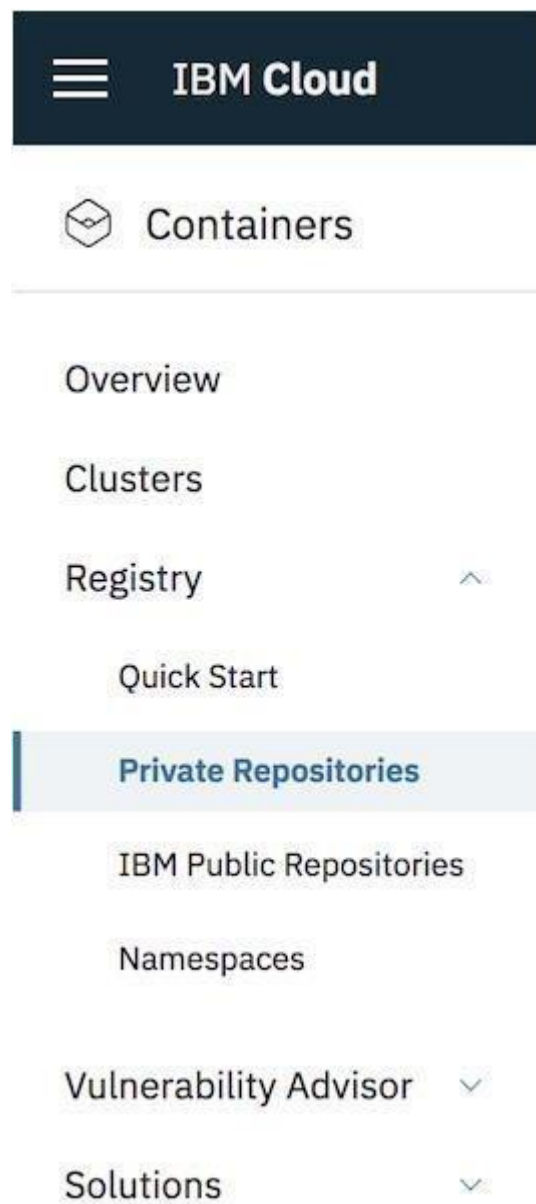


DEPLOYMENT OF APP IN IBM CLOUD

Team ID	PNT2022TMID26352
Project Title	Personal Expense Tracker

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>
```

IBM Cloud cr Image-list

```
lunzls@lunzls-ibm: ~$ docker push registry.ng.bluemix.net/flask-node/app:latest
The push refers to repository [registry.ng.bluemix.net/flask-node/app]
c08541bb27c1: Pushed
b95de25b72d: Pushed
637e8dbca23d: Pushed
ba2884c50644: Pushed
1989a2f3739: Layer already exists
7ba3e49c283: Layer already exists
1172bca1177f: Layer already exists
8a94c3d89d4: Layer already exists
1fa8779eb779: Layer already exists
1ab63f9b1dd: Layer already exists
1e5466f43b15: Layer already exists
713645689b35: Layer already exists
3b18514d993e: Layer already exists
latest: digest: sha256:5815254c211557b5a00166707b744d1763e97e88079d9187afa2a0433b9623e size: 3061
lunzls@lunzls-ibm: ~$
```

```
lunzls@lunzls-ibm: ~$ ibmcloud cr image list
Listing images...
IMAGE NAME                                TAG                IMAGE ID            IMAGE SIZE    CPU MEM    STATUS
registry.ng.bluemix.net/flask-node/app    latest            c72a4070e3d         306 MB        1.4K 4M    2 Images
OK
lunzls@lunzls-ibm: ~$
```

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