

Deploymnet of App in IBM Cloud
Upload image to IBM Container Registry

Date	18 November 2022
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Project Name	Skill and job recommender

Push the image to the IBM Cloud Registry



Code

```
ibmcloud plugin install container-registry -r "IBM Cloud"
ibmcloud login -a <cloud_foundary_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

[illegible]

```

kubernetes-dashboard: No images found in the image list
Listing images...

REPOSITORY                                TAG                IMAGE SIZE      CREATED          STATUS          SECURITY STATUS
registry.k8s.io/kubelet-plugins-sd-webhook Local             072dad7001b       1 day ago      304 MB         2 failed

```

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/flask

```
-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

Deploy your application to Kubernetes

