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

Date	07 November 2022
Team ID	PNT2022TMID13508
Project Name	Inventory Managment System For Retailers

Push the image to the IBM Cloud Registry
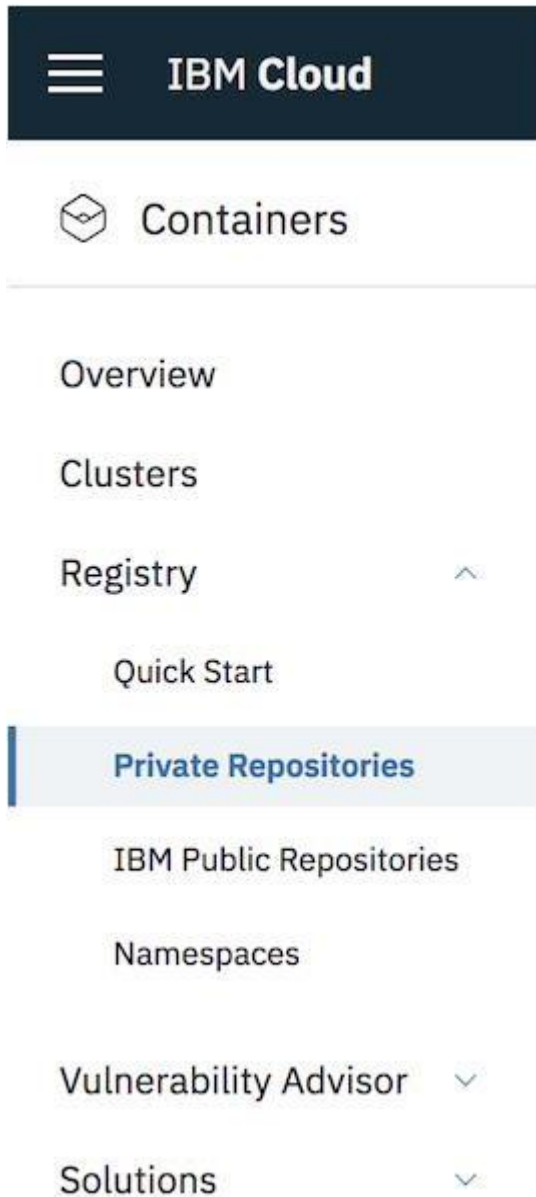
Code

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

ibmcloud login -a <cloud_foundary_end_point_for_the_region>

ibmcloud cr namespace-add <namespace>

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

docker push <region_url>/<namespace>/<image_name>:<tag>

ibmcloud cr image-list

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