DEPLOYMENT OF APP IN IBM CLOUD
Upload image to IBM Container
Registry

Date	17th November 2022
Team ID	PNT2022TMID30805
Project Name	Inventory Management System For Retailers

Push the image to the IBM Cloud Registry
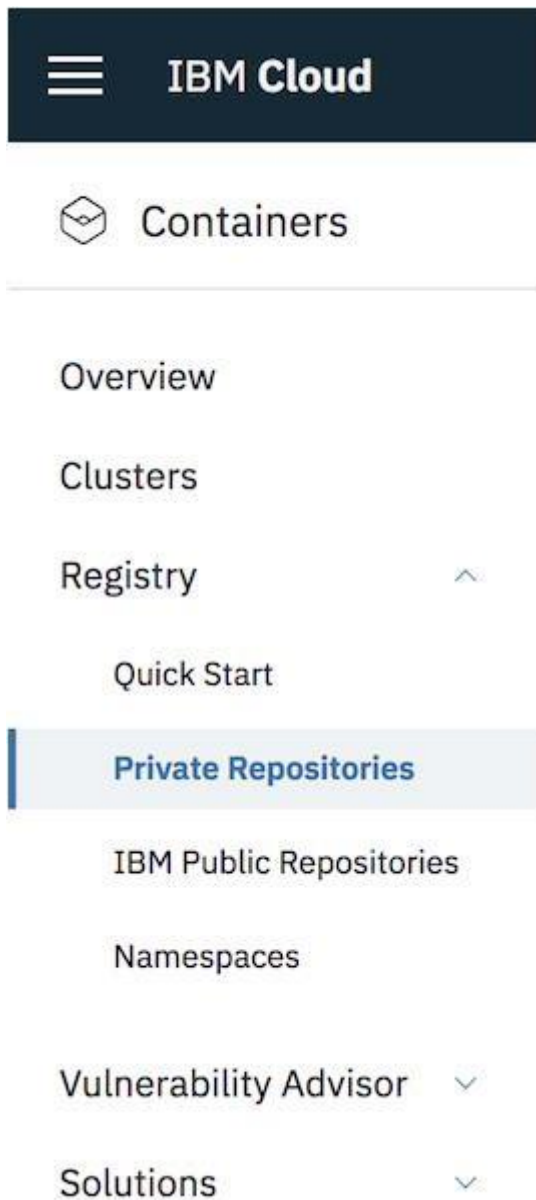
Code

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

ibmcloud login -a <cloud_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: match

  Labels:

    app: flask nod

  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