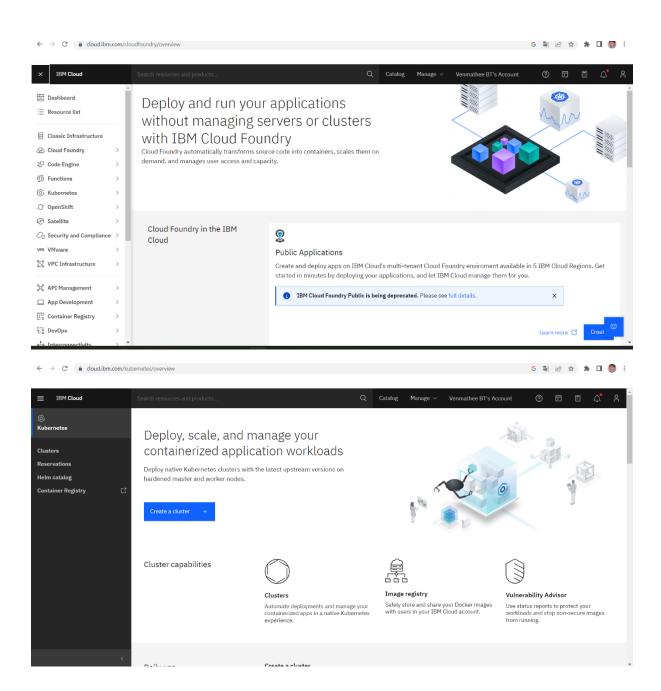
DEPLOYMENT OF APP IN IBM CLOUD

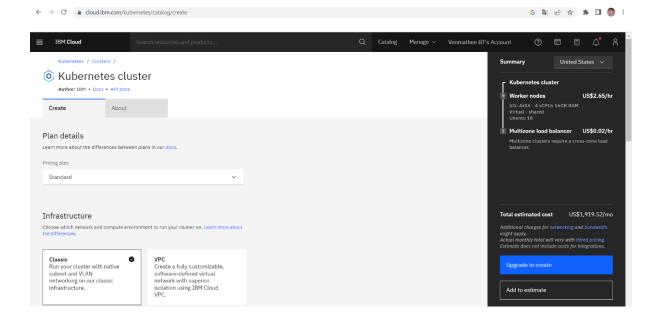
UPLOAD IMAGE TO IBM CONTAINER REGISTRY

TEAM ID	PNT2022TMID23085
PROJECT NAME	PLASMA DONOR APPLICATION

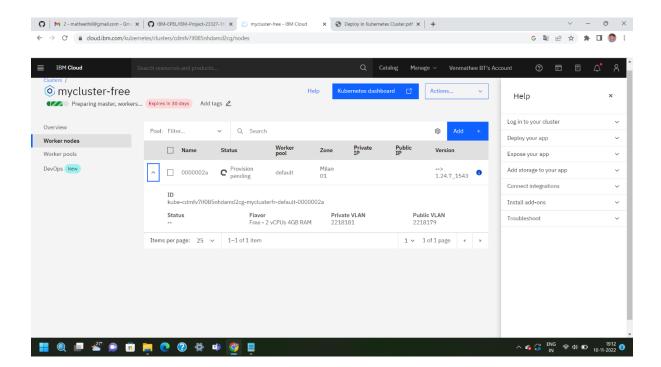
Create a Kubernetes cluster

- Sign in to your **IBM Cloud Dashboard**.
- Open IBM Kubernetes Service.





• Click on the **Worker Nodes** tab to note the cluster's Public IP.



Containerize your Flask application

Create configuration files for Kubernetes

deployment.yaml

```
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
 name: flask-node-deployment
 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
       - containerPort: 5000
```

service.yaml

```
apiVersion: v1
kind: Service
metadata:
   name: flask-node-deployment
spec:
   ports:
   - port: 5000
     targetPort: 5000
selector:
   app: flasknode
```