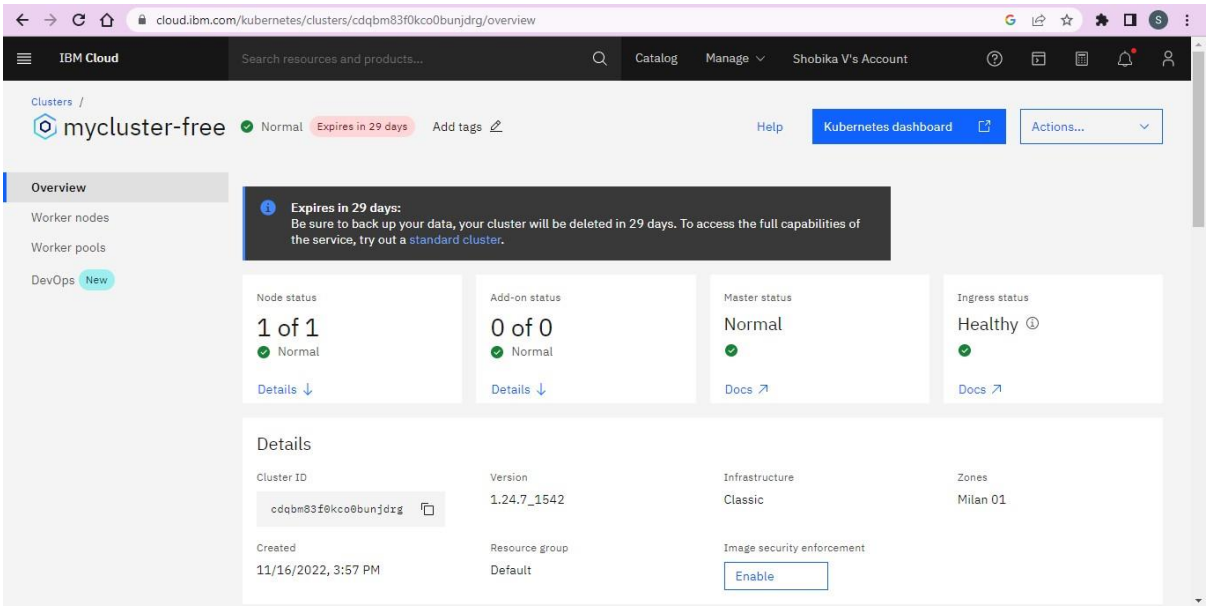
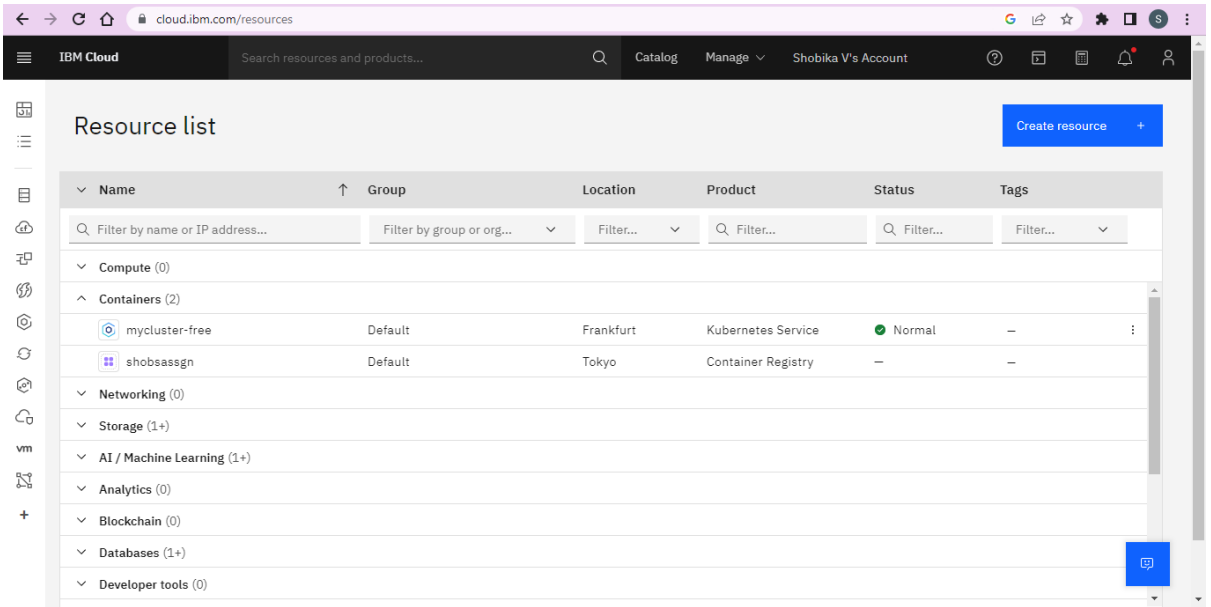
DEPLOYMENT OF APP IN IBM CLOUD

DEPLOY IN KUBERNETES CLUSTER

Date	24th October 2022
Team ID	PNT2022TMID27406
Project Name	News Tracker Application





```
Org:
Space:
PS D:\IBM\Assignment_4> kubectl config get-contexts
CURRENT   NAME                                CLUSTER                             AUTHINFO
                    NAMESPACE
*         docker-desktop                      docker-desktop                      docker-desktop

          mycluster-free/cdqbm83f0kco0bunjdrg   mycluster-free/cdqbm83f0kco0bunjdrg   shobikavenkat02@gmail.com/22ae167894ad4cd189a37bc305b251b8/iam
.cloud.ibm.com-identity   default
PS D:\IBM\Assignment_4> kubectl config use-context docker-desktop
Switched to context "docker-desktop".
PS D:\IBM\Assignment_4> kubectl apply -f kubernetes/ibm_deployment.yaml
deployment.apps/flask-app unchanged
PS D:\IBM\Assignment_4> kubectl apply -f kubernetes/flask_service.yaml
service/flask-app-service unchanged
PS D:\IBM\Assignment_4> kubectl apply -f kubernetes/flask_ingress.yaml
ingress.networking.k8s.io/flask-app-ingress unchanged
PS D:\IBM\Assignment_4> kubectl get ing
NAME                CLASS    HOSTS   ADDRESS   PORTS   AGE
flask-app-ingress   <none>   *                 80      18h
PS D:\IBM\Assignment_4> kubectl get svc
NAME                TYPE        CLUSTER-IP     EXTERNAL-IP   PORT(S)    AGE
flask-app-service   ClusterIP   10.106.89.63   <none>        5000/TCP   18h
kubernetes          ClusterIP   10.96.0.1      <none>        443/TCP    19h
PS D:\IBM\Assignment_4> kubectl get nodes -o wide
NAME             STATUS   ROLES           AGE   VERSION   INTERNAL-IP    EXTERNAL-IP   OS-IMAGE         KERNEL-VERSION                      CONTAINE
R-RUNTIME
docker-desktop   Ready    control-plane   19h   v1.25.2   192.168.65.4   <none>        Docker Desktop   5.10.16.3-microsoft-standard-WSL2   docker:/
/20.10.20
PS D:\IBM\Assignment_4>
```