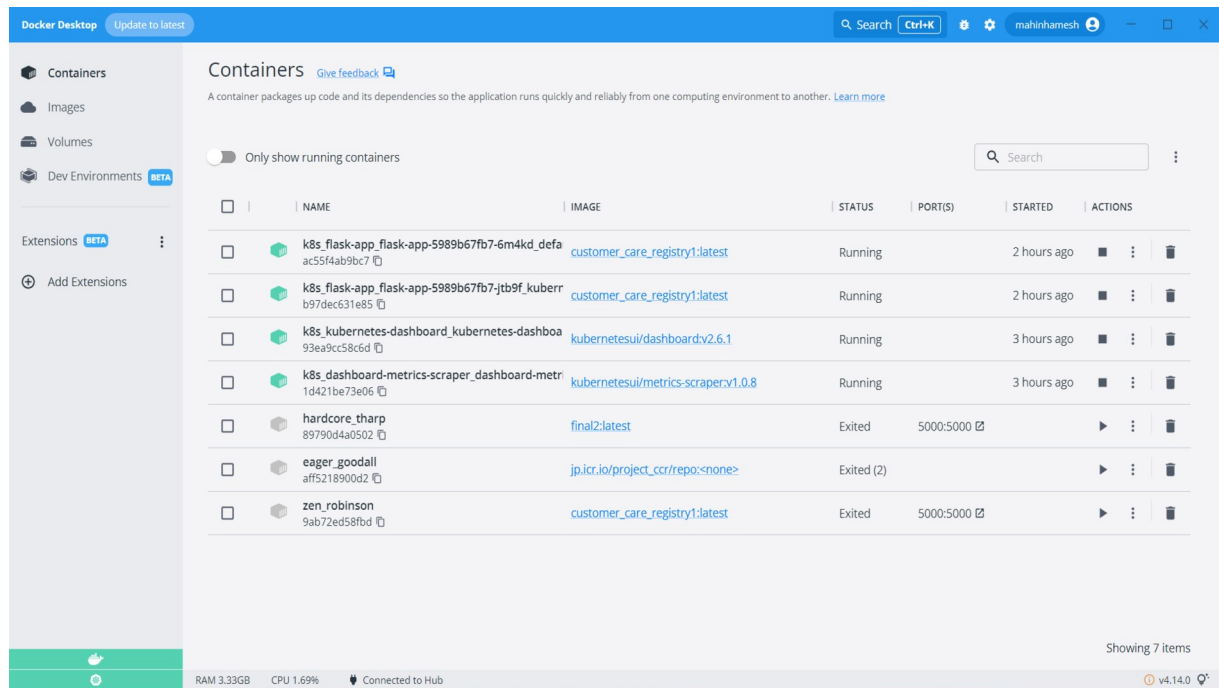


# Deployment of app in IBM cloud

PNT2022TMID00312



```
Org:
Space:

D:\final_deliver>ibmcloud cr login
Logging 'docker' in to 'jp.icr.io'...
Logged in to 'jp.icr.io'.

OK

D:\final_deliver>docker push jp.icr.io/project_ccr/repo:finaldeliverable
The push refers to repository [jp.icr.io/project_ccr/repo]
a4c4c881a223: Layer already exists
836495f54f13: Pushed
c75afb4b71cb: Layer already exists
2e1cb58aa872: Layer already exists
9fda40ddc568: Layer already exists
428e1f341db7: Layer already exists
9ea8d209cd5d: Layer already exists
13b045a1df2: Layer already exists
2fbabeba902e: Layer already exists
ee509ed6e976: Layer already exists
9177197c67d0: Layer already exists
7dbadf2b9bd8: Layer already exists
c7597c345c2e: Layer already exists
finaldeliverable: digest: sha256:96e44b178a8628ede0506c340f273603cbbd923c32fb0a6af25b0f7a1071ed2a size: 3055

D:\final_deliver> kubectl apply -f Kubernetes/flask_deployment.yaml
deployment.apps/customer-care-registry created

D:\final_deliver> kubectl apply -f Kubernetes/flask_service.yaml
service/customer-care-registry-service created

D:\final_deliver> kubectl apply -f Kubernetes/flask_ingress.yaml
ingress.networking.k8s.io/customer-care-registry-ingress created

D:\final_deliver> kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
customer-care-registry-5b9d87c56-gtzvg 0/1     ImagePullBackOff    0           53s
flask-app-5989b67fb7-6m4kd             1/1     Running   3 (3m27s ago)    6h22m
```

```

D:\final_deliver>kubectcl get pods
NAME                                READY   STATUS    RESTARTS   AGE
customer-care-registry-5747458877-xx9dx  1/1     Running   0           12m
flask-app-79bb5b7dc6-lfsd6             1/1     Running   0           4h59m

D:\final_deliver>kubectcl get pods -o wide
NAME                                READY   STATUS    RESTARTS   AGE    IP              NODE              NOMINATED NODE   READINESS GATES
customer-care-registry-5747458877-xx9dx  1/1     Running   0           12m    172.30.232.207   10.144.182.217   <none>           <none>
flask-app-79bb5b7dc6-lfsd6             1/1     Running   0           4h59m  172.30.232.205   10.144.182.217   <none>           <none>

D:\final_deliver> kubectcl describe customer-care-registry
error: the server doesn't have a resource type "customer-care-registry"

D:\final_deliver> kubectcl describe customer-care-registry-service
error: the server doesn't have a resource type "customer-care-registry-service"

D:\final_deliver>kubectcl get svc -o wide
NAME                                TYPE          CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE    SELECTOR
customer-care-registry-service      NodePort      172.21.61.147 <none>         5000:32443/TCP   93m    app=customer-care-registry
flask-app                           ClusterIP     172.21.113.253 <none>         5000/TCP         4h47m   app=flask-app
flaskservice1                       ClusterIP     172.21.143.245 <none>         5000/TCP         5h11m   app=flask-app
flaskservice1n                      NodePort      172.21.242.76  <none>         5000:31027/TCP   4h18m   app=flask-app
kubernetes                           ClusterIP     172.21.0.1     <none>         443/TCP          5h47m   <none>

D:\final_deliver>kubectcl get svc -o wide
NAME                                TYPE          CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE    SELECTOR
customer-care-registry-service      NodePort      172.21.61.147 <none>         5000:32443/TCP   102m   app=customer-care-registry
flask-app                           ClusterIP     172.21.113.253 <none>         5000/TCP         4h57m   app=flask-app
flaskservice1                       ClusterIP     172.21.143.245 <none>         5000/TCP         5h20m   app=flask-app
flaskservice1n                      NodePort      172.21.242.76  <none>         5000:31027/TCP   4h20m   app=flask-app
kubernetes                           ClusterIP     172.21.0.1     <none>         443/TCP          5h56m   <none>

D:\final_deliver>kubectcl get pods -o wide
NAME                                READY   STATUS    RESTARTS   AGE    IP              NODE              NOMINATED NODE   READINESS GATES
customer-care-registry-5747458877-xx9dx  1/1     Running   0           145m    172.30.232.207   10.144.182.217   <none>           <none>
flask-app-79bb5b7dc6-lfsd6             1/1     Running   0           7h12m   172.30.232.205   10.144.182.217   <none>           <none>

D:\final_deliver>

```