## **Deploy in Kubernetes Cluster**

Date	19 November 2022
Team ID	PNT2022TMID12507
Project Name	News Tracker Application

### deployment.yaml:

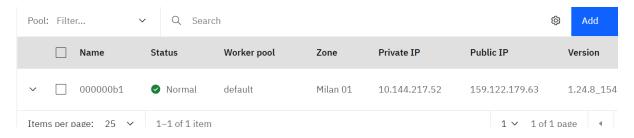
```
🖺 deployment.yaml
       apiVersion: apps/v1
 1
       kind: Deployment
       metadata:
         name: cad-newstracker-deployment
       spec:
         replicas: 1
         selector:
           matchLabels:
             app: newstracker
10
         template:
           metadata:
11
             labels:
12
13
               app: newstracker
14
           spec:
             containers:
15
              - name: newstracker
16
                image: us.icr.io/newstracker/cad
17
               imagePullPolicy: Always
18
                ports:
19
                - containerPort: 5000
 20
```

Enter *ibmcloud ks cluster config -c <cluster\_id>* to connect with the kubernetes cluster created in the IBM Cloud.

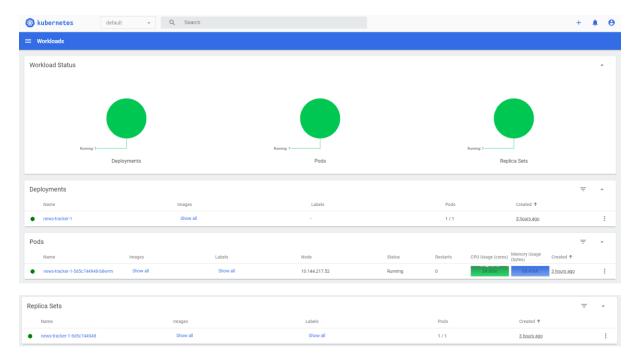
Then execute this command *Create -f deployment.yaml* 

After deploying, expose the application to public using the command; kubectl expose deployment news-tracker-1--type=NodePort --name= news-tracker-1

#### **Kubernetes Cluster Worker Node**



#### **Kubernetes Dashboard**



# **Application running on IBM Kubernetes Cluster**

