JOYSON SAMUEL P

JAYAPRAKASH P

JAYASIVAA KRISHNA B

SHAIKH FIRAAS A

#### SPRINT-4

#### **SCREEN SHOTS**

## 1)KUBERNETES DEPLOYMENT

### Step-1 ibm login

```
perable program or batch tile.
(env) D:\Education\Personal expense tracker>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: jp-tok
Email> 2116190701075@smartinternz.com
Password>
Authenticating...
Targeted account JAYAPRAKASH P' (bld89e3b8f184da08579ba9d15c02bc4)
                        https://cloud.ibm.com
API endpoint:
Region:
                         jp-tok
                       2116190701075@smartinternz.com

JAYAPRAKASH P' (bld89e3b8f184da08579ba9d15c02bc4)

No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
User:
Account:
Resource group:
CF API endpoint:
Org:
Space:
```

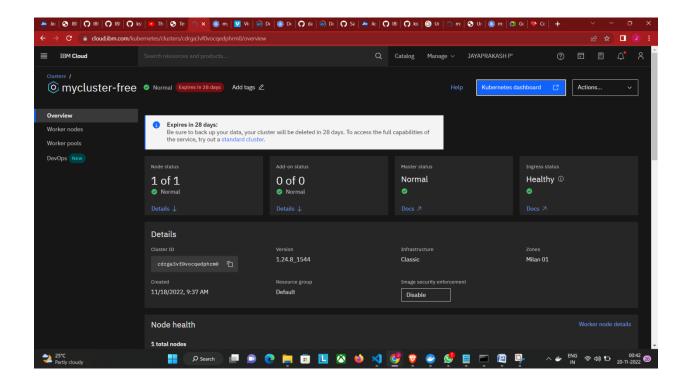
## Step-2 plugin and install conta

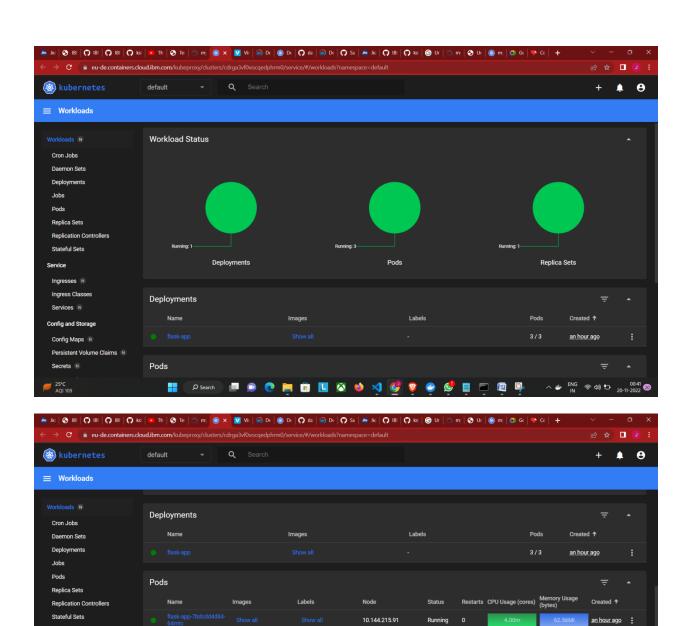
```
(env) D:\Education\Personal expense tracker>ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' was already installed. Do you want to re-install it or not? [y/N] > y
Attempting to download the binary file...
 26.86 MiB / 26.86 MiB [===
                                                                                                                                                                                           ====== 100.00% 40s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\jayap\.bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to s
how its details.
(env) D:\Education\Personal expense tracker>ibmcloud ks cluster ls
                                                    State
                                                               Created
                                                                               Workers Location Version
                                                                                                                             Resource Group Name Provider
                                                                                                           1.24.8 1544 Default
mycluster-free cdrga3vf0vocqedphrm0 normal 1 day ago 1
                                                                                            par
                                                                                                                                                          classic
```

# Step-3 deployement to kubernet

```
(env) D:\Education\Personal expense tracker>kubectl expose deployment flask-app --type=NodePort --name=flask-app
service/flask-app exposed
(env) D:\Education\Personal expense tracker>kubectl expose deployment blog-in-flask --type=NodePort --name=flask-app-service
Error from server (NotFound): deployments.apps "blog-in-flask" not found
```

```
(env) D:\Education\Personal expense tracker>kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP
                                          CLUSTER-IP
172.21.120.240
                                                                                   PORT(S)
5000:30006/TCP
5000/TCP
                          TYPE
NodePort
NAME
flask-app
                                                                                                           AGE
53s
                                                                 <none>
flask-app-service
                          ClusterIP
                                           172.21.152.208
                                                                 <none>
                                                                                                           3m1s
37h
kubernetes
                          ClusterIP
                                          172.21.0.1
                                                                 <none>
                                                                                    443/TCP
```





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Labels

Running 0

Pods

an hour ago

Created ↑

Ingresses N

Config and Storage

Config Maps (N)

Replica Sets

Name