## LAB EXAM 7 AWS EKS

## Lasya Talasila

```
ubuntu@ip-172-31-41-0:~/awslabtest$ eksctl version
0.204.0
ubuntu@ip-172-31-41-0:~/awslabtest$ aws --version
aws-cli/2.24.14 Python/3.12.9 Linux/6.8.0-1021-aws exe/x86_64.ubuntu.24
ubuntu@ip-172-31-41-0:~/awslabtest$ kubectl version
Client Version: v1.32.0-eks-5ca49cb
Kustomize Version: v5.5.0
The connection to the server localhost:8080 was refused - did you specify the right host or port?
```

```
kind: Deployment metadata:
  name: newapp
spec:
   replicas: 3
  selector:
matchLabels:
  app: newapp
template:
    metadata:
labels:
       app: newapp
    spec:

    name: newapp
image: 515966518319.dkr.ecr.ap-south-1.amazonaws.com/helloworldapp:latest

         ports:
            - containerPort: 8080
apiVersion: v1
kind: Service
metadata:
 name: newapp-service
spec:
  selector:
   app: newapp
```

ubuntu@ip-172-31-41-0:~/ NAME pod/newapp-56cd84b854-8t pod/newapp-56cd84b854-pn pod/newapp-56cd84b854-wf	READY 195 0/1 12d2 0/1	<pre>cubectl get all    STATUS    ContainerCreating    ContainerCreating    ContainerCreating</pre>	0	AGE 5s 5s 5s				
NAME AGE	TYPE	CLUSTER-IP	EXTERNAL-IP		PORT(S)			
service/kubernetes	ClusterIP	10.100.0.1	<none></none>		443/TCP			
service/newapp-service 6s	LoadBalancer	10.100.140.31	a0bd87fd973d	545279d2390ebed083c4-795825542.ap-south-1.elb.amazonaws.com	80:30791/TCP			
NAME deployment.apps/newapp	READY UP-T 0/3 3	O-DATE AVAILABLE 0	AGE 6s					
NAME replicaset.apps/newapp-5 ubuntu@ip-172-31-41-0:~/ NAME pod/newapp-56cd84b854-8t pod/newapp-56cd84b854-wf pod/newapp-56cd84b854-wf	Gcd84b854 3 Wawslabtest\$ k READY Q95 0/1 2d2 0/1		0	AGE 9s 9s 9s				
NAME AGE	TYPE	CLUSTER-IP	EXTERNAL-IP		PORT(S)			
service/kubernetes	ClusterIP	10.100.0.1	<none></none>		443/TCP			
service/newapp-service 10s	LoadBalancer	10.100.140.31	a0bd87fd973d	545279d2390ebed083c4-795825542.ap-south-1.elb.amazonaws.com	80:30791/TCP			
NAME deployment.apps/newapp	READY UP-T 0/3 3	O-DATE AVAILABLE 0	AGE 10s					
NAME DESIRED CURRENT READY AGE replicaset.apps/newapp-56cd84b854 3 3 0 10s ubuntu@ip-172-31-41-0:~/awslabtest\$ kubectl get all								

NAME AGE	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)					
service/kubernetes 10m	ClusterIP	10.100.0.1	<none></none>	443/TCP					
service/newapp-service 33s	LoadBalancer	10.100.140.31	a0bd87fd973d545279d2390ebed083c4-795825542.ap-south-1.elb.amazonaws.com	80:30791/TCP					
NAME	READY UP-TO-	DATE AVAILABLE	AGE						
deployment.apps/newapp	3/3 3	3	33s						
NAME	DES	IRED CURRENT	READY AGE						
replicaset.apps/newapp-5	6cd84b854 3	3	3 33s						
ubuntu@ip-172-31-41-0:~/awslabtest\$ kubectl get svc									
NAME TYPE	CLUSTER	-IP EXTERNA	L-IP PORT(S)	AGE					
kubernetes Cluster		0.1 <none></none>	443/TCP	11m					
newapp-service LoadBal			d973d545279d2390ebed083c4-795825542.ap-south-1.elb.amazonaws.com 80:30791	/TCP 46s					
ubuntu@ip-172-31-41-0:~/awslabtest\$ kubectl get deployment									
NAME READY UP-TO-D									
newapp 3/3 3	3	55s							
ubuntu@ip-172-31-41-0:~/			105						
NAME	READY STATU		AGE						
newapp-56cd84b854-8tq95	1/1 Runni 1/1 Runni		68s						
newapp-56cd84b854-pn2d2 newapp-56cd84b854-wfgcw	1/1 Runni 1/1 Runni		68s 68s						
ubuntu@ip-172-31-41-0:~/awslabtest\$									



