**Lab-08 :Deployment State**

**Step 1:Edit the nginx-deployment-prod**

# vim hexo-deployment-pod.yaml

apiVersion: extensions/v1beta1

kind: Deployment

metadata:

name: hexo-deployment

spec:

replicas: 1

template:

metadata:

labels:

app: hexo-app

spec:

containers:

- name: hexo-container

image: simplyintricate/hexo

ports:

- containerPort: 80

**Step 3 :Create the deployments**

kubectl create -f hexo-deployment-pod.yaml

# kubectl get deployments

**Step 4 :List the pods**

# kubectl get pods

kubectl get deployments

kubectl expose deployment hexo-deployment --type="LoadBalancer"

kubectl get service hexo-deployment

**Describe the POD**

# kubectl describe pods hexo-deployment

kubectl get svc

Fetch your external ip and port number to connect your application

Use  **Nodeip: 32164 on web browser**

kubectl delete deployments hexo-deployment

**Delete the container**

docker ps | grep hexo

docker rm –f <contianerid>

docker ps | grep hexo

**shutdown your minion node**

Shutdown your node from ec2 dashboard

**On your master node – observe the logs it will delete ur old podss and create new one**

tail –f /var/log/messages/

**Login to master and describe pod info – the container gets created on minnion1 or other available node**

kubectl describe pods hexo-deployment

**kubectl get pod**