sudo su -

apt update -y

sudo curl -fsSL https://get.docker.com -o get-docker.sh

ll

chmod 700 get-docker.sh

./get-docker.sh

docker version

systemctl status docker

sudo curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64

ll

sudo mv minikube-linux-amd64 /usr/local/bin/minikube

sudo chmod +x /usr/local/bin/minikube

sudo minikube version

sudo apt install curl wget apt-transport-https -y

sudo curl -LO "https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl"

sudo kubectl version --client

sudo curl -LO "https://dl.k8s.io/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl.sha256"

sudo echo "$(cat kubectl.sha256) kubectl" | sha256sum --check

sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl

sudo kubectl version --client

sudo kubectl version --client --output=yaml

sudo minikube start --driver=docker --force

creation of pod

kubectl run pod1 --image=nginx

kubectl get pods

vi indra.yml

apiVersion: v1

kind: Pod

metadata:

name: nginx

spec:

containers:

- name: nginx

image: nginx:1.14.2

ports:

- containerPort: 80

:wq!

kubectl create -f indra.yml

kubectl get pods

mv indra.yml replicaset.yaml

ll

vi replicaset.yaml

apiVersion: apps/v1

kind: ReplicaSet

metadata:

name: cms-rs

namespace: default

spec:

replicas: 3

selector:

matchLabels:

app: cms

template:

metadata:

labels:

app: cms

spec:

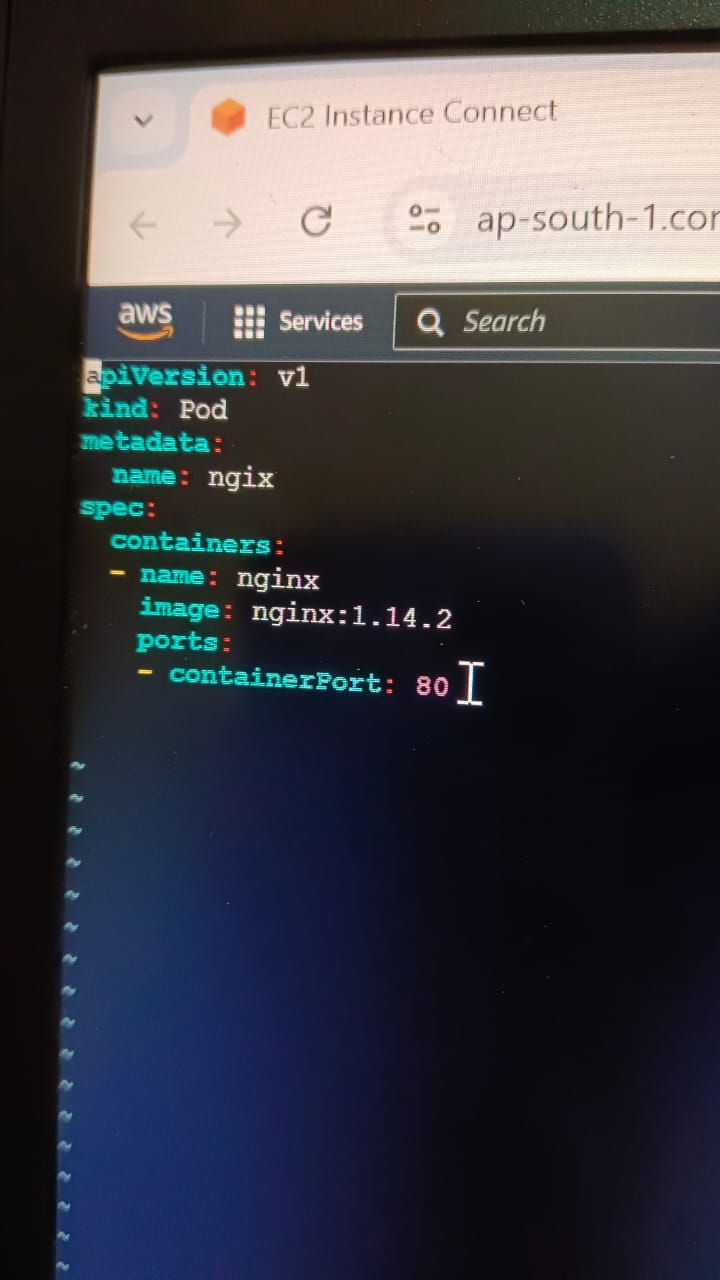
containers:

- name: nginx

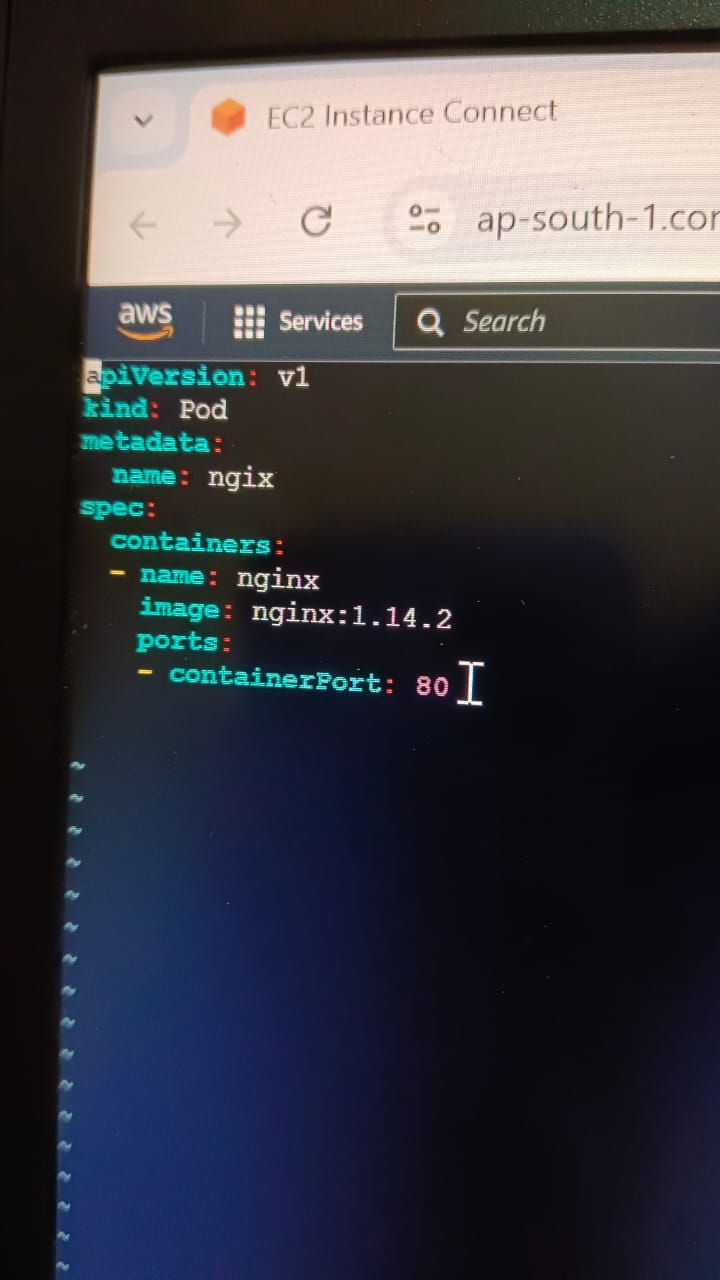
image: nginx:latest

kubectl apply –f replicaset.yaml

kubectl get po

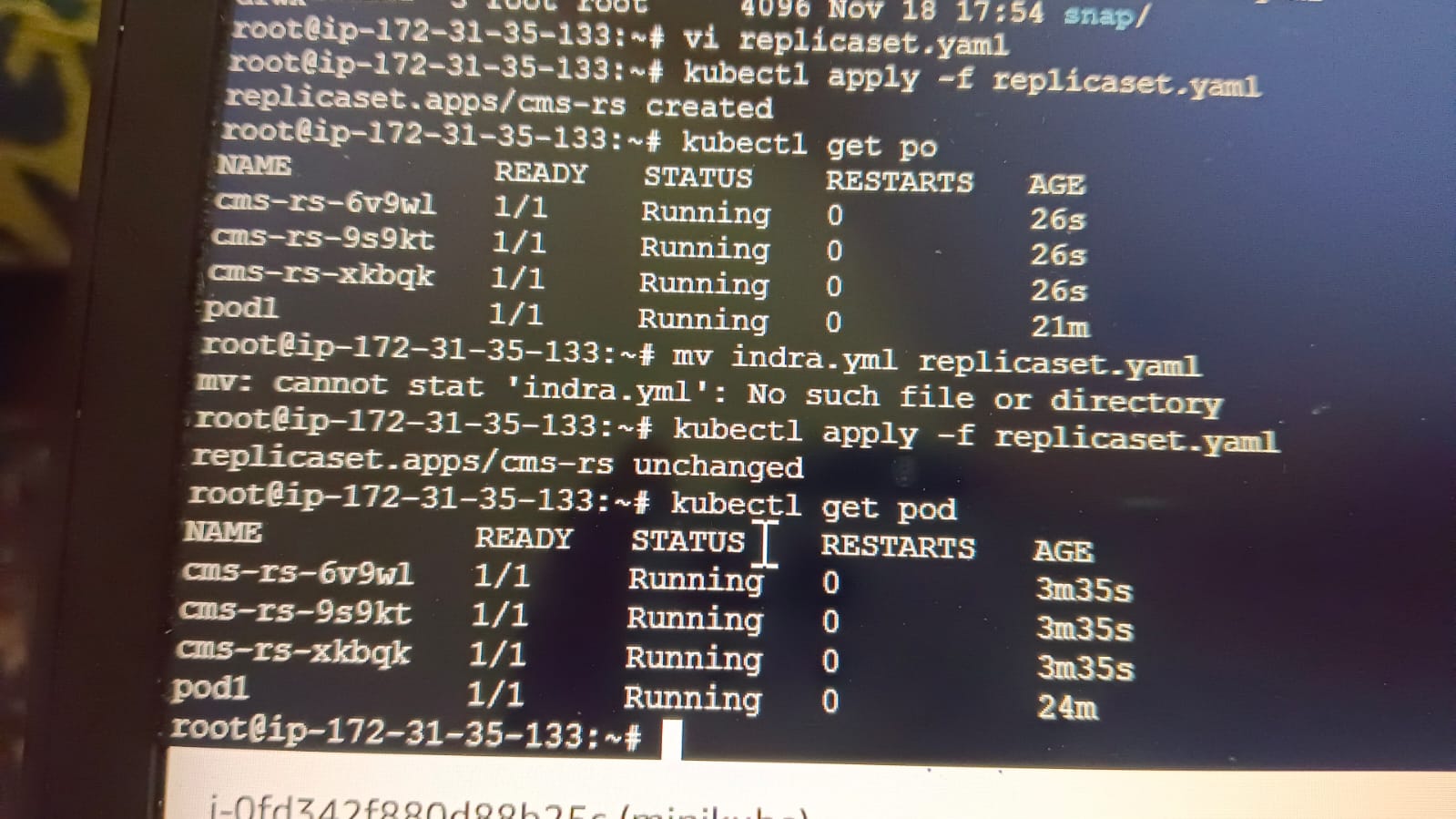


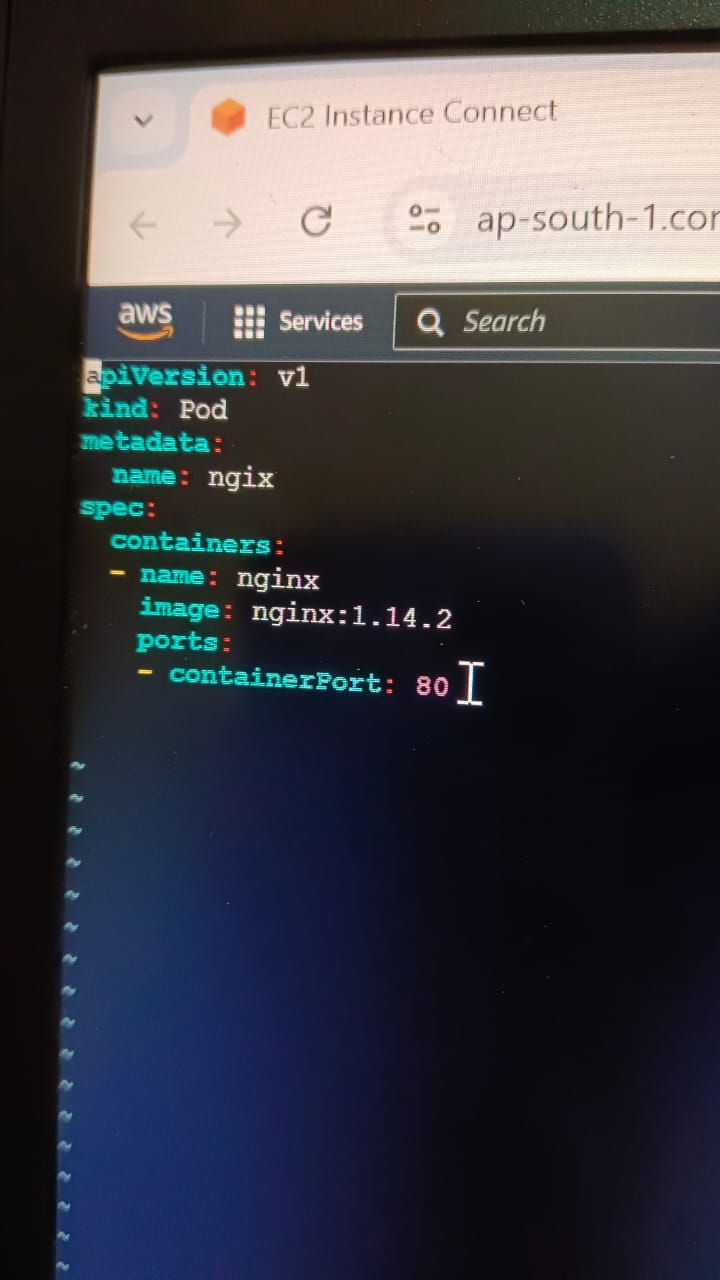
Ø Check the minikube status .minikube status

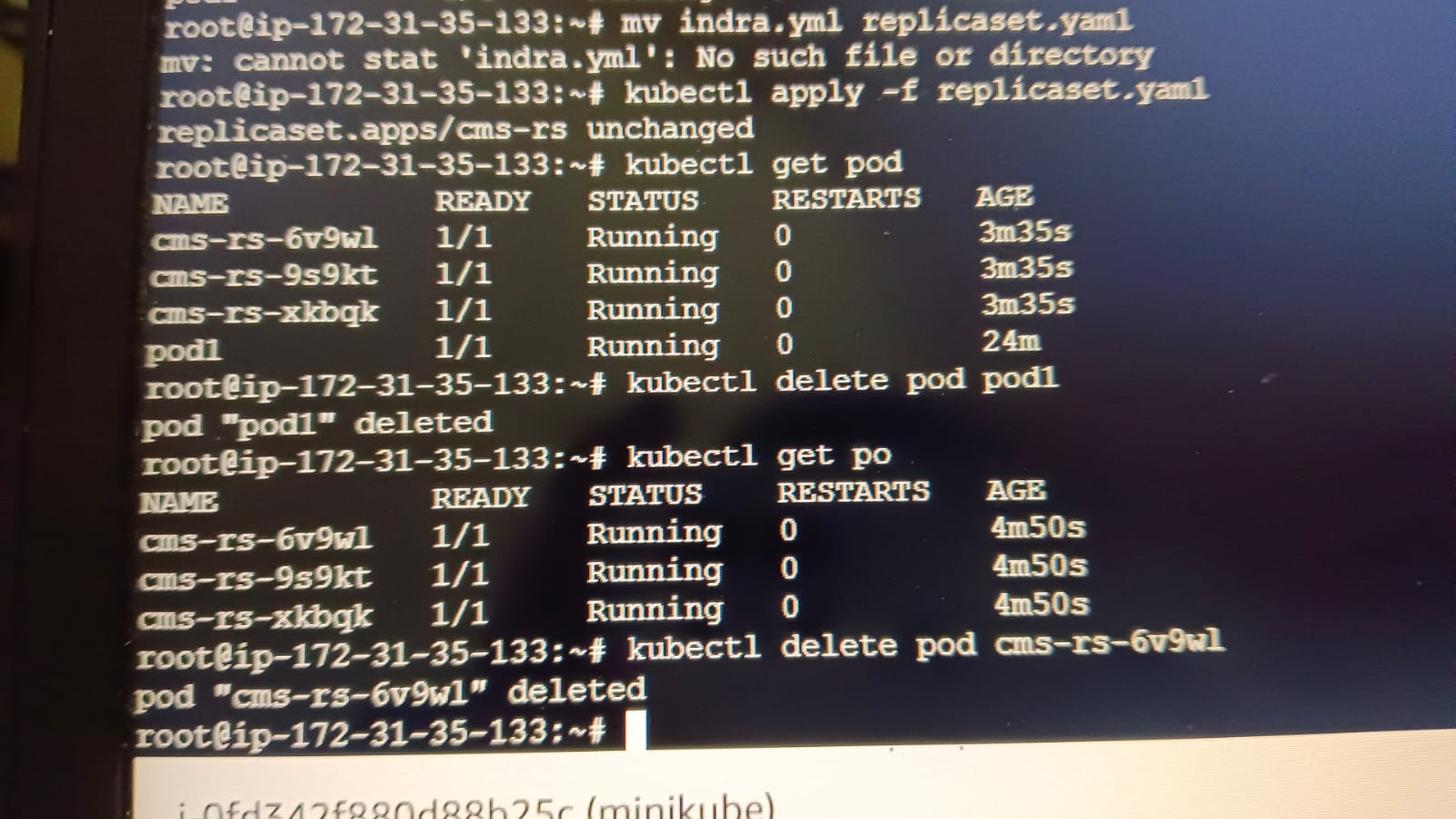


Ø All the information see the using logs command

Ø Kubectl logs podname







Ø Now file with the replication

Ø Mv indra.yml replicaset.yaml

