Lab : Liveliness Probe

Step 1- create yaml file

vim livenessprobe.yaml

Step 2: copy the yaml file contents from below and save and exit the file

apiVersion: apps/v1

kind: Deployment

metadata:

name: nginx-deployment

spec:

replicas: 1

selector:

matchLabels:

app: nginx

template:

metadata:

labels:

app: nginx

spec:

containers:

- name: nginx

image: nginx:latest

ports:

- containerPort: 80

livenessProbe:

httpGet:

path: /

port: 80

initialDelaySeconds: 30

periodSeconds: 10

timeoutSeconds: 5

failureThreshold: 3

Step 3: deploy the pod

kubectl create -f livenessprobe.yaml

Step 4: get the pod name

kubectl get pods

step 5: login to the pod

kubectl exec -it pod-name /bin/bash

step 6 : check status of nginx and stop nginx

service nginx status

service nginx stop

step 7 : on master node – if your try get PODs you will notice one restart

kubectl get pods



kubectl delete pods nginx-deployment