Working with LoadBalancer Service

Create A deployment from following configuration.

apiVersion: apps/v1

kind: Deployment

metadata:

 name: nginx-deployment

 labels:

   app: nginx

spec:

 replicas: 1

 selector:

   matchLabels:

     app: nginx

 template:

   metadata:

     labels:

       app: nginx

   spec:

     containers:

     - name: nginx-ctr

       image: nginx:1.15.4

       ports:

       - containerPort: 80

Deploy above Deployment.

Create configuration file in AWS ELB :

ls/tmp/config/tmp/config

export KUBECONFIG=/tmp/config

kubectl deploy deploy.yaml

Create following yaml for Load Balancer to create service to above Deployment - loadbalancer.yaml

apiVersion: v1

kind: Service

metadata:

 name: nginx-lb

 labels:

  app: nginx

spec:

 type: LoadBalancer

 ports:

 - port: 80

  targetPort: 80

  protocol: TCP

 selector:

  app: nginx

kubectl apply -f loadbalancer.yaml

kubectl get svc loadbalancer.yaml

NAME   TYPE   CLUSTER-IP   EXTERNAL-IP   PORT(S)
AGE

nginx-lb LoadBalancer 100.65.24.180   a062d9f78c47511e881d002820176578-1454043559.us-west-2.elb.amazonaws.com 80:31765/TCP 48s