#Service Using ClusterIP

apiVersion: v1

kind: Service

metadata:

labels:

app: nginx

name: nginx-clusterip

spec:

ports:

- port: 9000

protocol: TCP

targetPort: 80

selector:

app: nginx

#Service Using NodePort

apiVersion: v1

kind: Service

metadata:

labels:

app: nginx

name: nginx-nodeport

spec:

ports:

- port: 9100

protocol: TCP

targetPort: 80

nodePort: 31111 #Will select random if not mentioned

selector:

app: nginx

type: NodePort

#Service Using AWS Classic LB

apiVersion: v1

kind: Service

metadata:

labels:

app: nginx

name: nginx-classiclb

spec:

ports:

- port: 80

protocol: TCP

targetPort: 80

selector:

app: nginx

type: LoadBalancer

#Service Using AWS NLB

apiVersion: v1

kind: Service

metadata:

labels:

app: nginx

name: nginx-nlb

annotations:

service.beta.kubernetes.io/aws-load-balancer-type: "nlb"

spec:

ports:

- port: 80

protocol: TCP

targetPort: 80

selector:

app: nginx

type: LoadBalancer