

Module 4: Expose App, Scale App and Update App

DEMO-5

edureka!

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DEMO Steps:

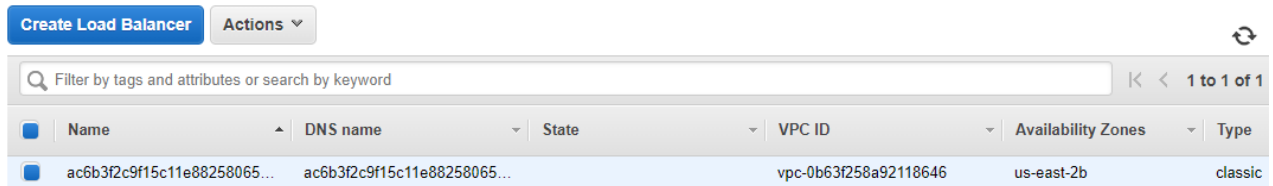
Create a cloud loadbalancer using aws

1. To create a nginx cloud loadbalancer

Syntax: `kubectl create loadbalancer nginx --tcp=80:80`

```
ubuntu@kmaster:~$ kubectl create service loadbalancer nginx --tcp=80:80
service/nginx created
ubuntu@kmaster:~$ kubectl get svc
NAME         TYPE          CLUSTER-IP   EXTERNAL-IP                                     PORT(S)          AGE
kubernetes   ClusterIP     100.64.0.1    <none>                                          443/TCP          21m
nginx        LoadBalancer 100.64.210.74 ac6b3f2c9f15c11e88258065ceeb9493-1146409122.us-east-2.elb.amazonaws.com 80:31051/TCP     34s
```

2. You can verify your load balancer by checking on your AWS services-> Load balancer page



Name	DNS name	State	VPC ID	Availability Zones	Type
ac6b3f2c9f15c11e88258065...	ac6b3f2c9f15c11e88258065...	available	vpc-0b63f258a92118646	us-east-2b	classic

3. Use the loadbalancer dns to check if its live

`ac6b3f2c9f15c11e88258065ceeb9493-1146409122.us-east-2.elb.amazonaws.com`

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.