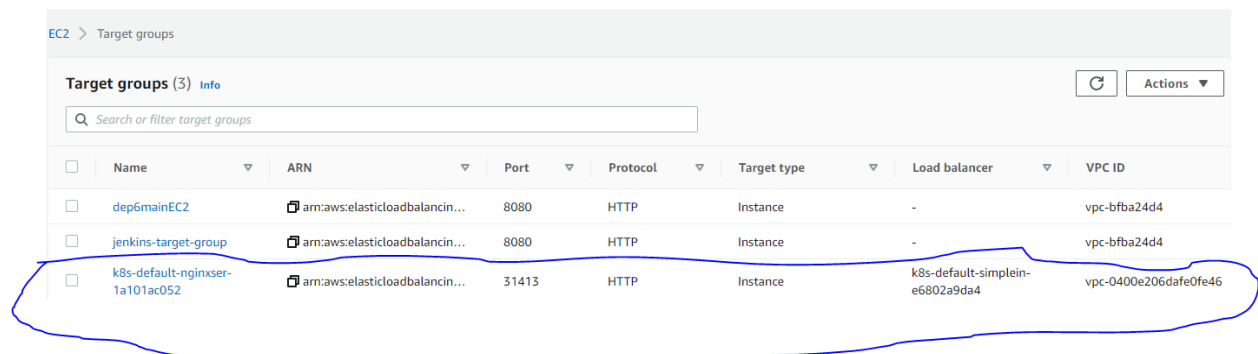


It creates a Load balancer and also a target group



EC2 > Target groups

Target groups (3) Info

Search or filter target groups

<input type="checkbox"/>	Name	ARN	Port	Protocol	Target type	Load balancer	VPC ID
<input type="checkbox"/>	dep6mainEC2	arn:aws:elasticloadbalancing:us-east-2:123456789012:targetgroup/dep6mainEC2/vpc-bfba24d4	8080	HTTP	Instance	-	vpc-bfba24d4
<input type="checkbox"/>	jenkins-target-group	arn:aws:elasticloadbalancing:us-east-2:123456789012:targetgroup/jenkins-target-group/vpc-bfba24d4	8080	HTTP	Instance	-	vpc-bfba24d4
<input type="checkbox"/>	k8s-default-nginx-service-1a101ac052	arn:aws:elasticloadbalancing:us-east-2:123456789012:targetgroup/k8s-default-nginx-service-1a101ac052/vpc-0400e206dfe0fe46	31413	HTTP	Instance	k8s-default-simplein-e6802a9da4	vpc-0400e206dfe0fe46

As you can see its ready to be deployed

```
PS C:\Users\Bishajit\desktop\nginx-assignment> kubectl get all
NAME                                     READY   STATUS    RESTARTS   AGE
pod/sample-app-5f7fdb8854-8ttw2         1/1     Running   0           47s
pod/sample-app-5f7fdb8854-jktrc         1/1     Running   0           47s

NAME                                     TYPE          CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
service/kubernetes                      ClusterIP     10.100.0.1   <none>        443/TCP          73m
service/nginx-service-nodeport          NodePort      10.100.194.68 <none>        80:31413/TCP     47s

NAME                                     READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/sample-app              2/2     2             2           47s
```

```
PS C:\Users\Bishajit\desktop\nginx-assignment> kubectl describe ingress.networking.k8s.io
Name:                                simple-ingress
Namespace:                           default
Address:                              k8s-default-simplein-e6802a9da4-943971323.us-east-2.elb.amazonaws.com
Default backend: default-http-backend:80 (<error: endpoints "default-http-backend" not found>)
Rules:
  Host      Path  Backends
  ----      -
  *         /    nginx-service-nodeport:80 (192.168.29.235:80,192.168.62.189:80)
Annotations: alb.ingress.kubernetes.io/scheme: internet-facing
              alb.ingress.kubernetes.io/target-type: instance
              kubernetes.io/ingress.class: alb
Events:
  Type      Reason              Age   From      Message
  ----      -
  Normal    SuccessfullyReconciled 14m   ingress   Successfully reconciled
```

If you use the arn link it should take you to the app

Filter by tags and attributes or search by keyword						
	Name	DNS name	State	VPC ID	Availability Zones	Type
	k8s-default-simplein-e6802a...	k8s-default-simplein-e6802a...	Active	vpc-0400e206d4fe0fe46	us-east-2b, us-east-2a,...	application

Load balancer: **k8s-default-simplein-e6802a9da4**

Description

Listeners

Monitoring

Integrated services

Tags

Basic Configuration

Name	k8s-default-simplein-e6802a9da4
ARN	arn:aws:elasticloadbalancing:us-east-2:323867645900:loadbalancer/app/k8s-default-simplein-e6802a9da4/eb7561d2a8eb1cb2
DNS name	k8s-default-simplein-e6802a9da4-943971323.us-east-2.elb.amazonaws.com (A Record)
State	Active

Welcome to nginx!

Not secure | k8s-default-simplein-e6802a9da4-943971323.us-east-2.elb.amazonaws.com

Gmail Microsoft Office Ho... Python Online Com... My Profile - Zoom NYC Instances | EC2 Ma... Maps kura-labs-org syllabus - Planner Mail - Bishajit Lodh...

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.