Services

» Load Balancer

Create a LoadBalancer service object manifest that will expose the `myfirstreplicaset` ReplicaSet to the outside world. This will only work in a Cloud Provider environment.

```
cat > service-loadbalancer.yaml <<EOF
kind: Service
apiVersion: v1
metadata:
  name: myfirstlbservice
spec:
  type: LoadBalancer
  selector:
    app: myfirstapp
  ports:
  - protocol: TCP
    port: 8080
    targetPort: 80
EOF
```

Create the LoadBalancer service.

```
kubectl create -f service-loadbalancer.yaml
```

You could have also used the `kubectl expose` command to create the service.

```
# kubectl expose replicaset myfirs-replicaset --type=LoadBalancer --name=myfirstlbservice --port 8080 --target-port 80
```

Confirm the LoadBalancer service was successfully created.

```
kubectl get svc
```

Get url for the newly created AWS Elastic Load Balancer.

```
kubectl describe service myfirstlbservice
```

Paste the url into your browser or use curl

```
curl <AWS-ELB-URL>:8080
```

Clean Up

Let’s clean up the ReplicaSet and LoadBalancer service

```
kubectl delete rs myfirstreplicaset
```

```
kubectl delete service myfirstlbservice
```