Kubernetes Visualizer

In this chapter we will see how to set up kubernetes visualizer that will show us the changes in our cluster in real time.

Set up

Fork the repository and deploy the visualizer on kubernetes

```
git clone  https://github.com/schoolofdevops/kube-ops-view
kubectl apply -f kube-ops-view/deploy/
```

[Sample Output]

```
serviceaccount "kube-ops-view" created
clusterrole "kube-ops-view" created
clusterrolebinding "kube-ops-view" created
deployment "kube-ops-view" created
ingress "kube-ops-view" created
deployment "kube-ops-view-redis" created
service "kube-ops-view-redis" created
service "kube-ops-view" created
```

Get the nodeport for the service.

```
kubectl get svc

[output]
NAME                   TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)         AGE
kube-ops-view          NodePort    10.107.204.74    <none>        80:**30073**/TCP    1m
kube-ops-view-redis    ClusterIP   10.104.50.176    <none>        6379/TCP        1m
kubernetes             ClusterIP   10.96.0.1        <none>        443/TCP         8m
```

In my case, port **30073** is the nodeport.

Visit the port from the browser. You could add /#scale=2.0 or similar option where 2.0 = 200% the scale.

```
http://<NODE_IP:NODE_PORT>/#scale=2.0
```