

Prometheus Deployment

1. Delete old minikube machine with:

```
minikube delete
```

2. Start a new minikube machine with:

```
minikube start --cpus 2 --memory 4096
```

3. With helm installed run the following commands:

```
git clone https://github.com/avielb/advanced-devops.git  
cd advanced-devops/monitoring/k8s-setup  
kubectl apply -f monitoring/namespace.yml  
helm install prometheus stable/prometheus --namespace monitoring  
kubectl apply -f monitoring/grafana/config.yml  
helm install grafana --namespace monitoring stable/grafana -f monitoring/grafana/values.yml
```

4. Type in the following command:

```
kubectl get pods -n monitoring
```

And wait for everything to appear running

```
avielb@Aviels-MacBook-Pro [00:44:53] [~/GitHub/advanced-devops/monitoring/k8s-setup] [master]  
-> % (* minikube:default) kubectl get pods -n monitoring  
NAME                                READY   STATUS    RESTARTS   AGE  
grafana-5c75c7b5b5-wn9g2            1/1     Running   0           75s  
prometheus-alertmanager-cddcc88d6-4tjg6  2/2     Running   0           2m7s  
prometheus-kube-state-metrics-dbb8f96c-crqcg  1/1     Running   0           2m7s  
prometheus-node-exporter-w2rxv        1/1     Running   0           2m7s  
prometheus-pushgateway-75946db59c-jg7zb  1/1     Running   0           2m7s  
prometheus-server-746dd86648-68c4h      2/2     Running   0           2m7s
```