GRAFANA AND PROMETHEUS ON EKS CLSUETR SETUP

kubectl apply -f <https://github.com/kubernetes-sigs/metrics-server/releases/latest/download/components.yaml>

(start metric server with kube-system namespace)

kubectl get all -n kube-system

helm repo add prometheus-community <https://prometheus-community.github.io/helm-charts>

helm repo list

helm install prometheus prometheus-community/prometheus \

> --namespace my-prometheus \

> --set alertmanager.persistentVolume.storageClass="mysql" \

> --set server.persistentVolume.storageClass="mysql"

OR

helm install prometheus prometheus-community/prometheus \

--namespace prometheus \

--set alertmanager.persistentVolume.storageClass="local-path" \

--set server.persistentVolume.storageClass="local-path"

kubectl get all -n my-prometheus

helm repo add grafana https://grafana.github.io/helm-charts

VI datasource.yaml

datasources:

datasources.yaml:

apiVersion: 1

datasources:

- name: Prometheus

type: prometheus

url: http://prometheus-server.prometheus.svc.cluster.local

access: proxy

isDefault: true

./helm install grafana grafana/grafana \

> --namespace my-grafana \

> --set persistence.storageClassName="mysql" \

> --set persistence.enabled=true \

> --set adminPassword='EKS!sAWSome' \

> --values datasource.yaml \

> --set service.type=LoadBalancer

helm install grafana grafana/grafana --namespace grafana --set persistence.storageClassName="local-path" --set persistence.enabled=true --set adminPassword='admin' --values datasource.yaml --set service.type=NodePort

kubectl get all -n my-grafana

create datasource in Grafana

create datasource in Grafana for loadbalancer url