

Name:Idris Love
Email:idrisloove@gmail.com
Task:translate lab into 100% command line
project Title: Getting started with Google Kubernetes Engine.

Getting started with GKE

in the cloud shell create enviroment variabke for zones

=====>export MY_ZONE = us-central1

Starting the Kubernetes Engine with cluster name webfronted1 and configre with 2 nodes

=====>gcloud container cluster create webfrontend -11zone \$MY_ZONE --num-node

to check version:

=====>kubectl version

to run and deploy an an NGINX container

=====>kubectl create deploy nginx --image=nginx:1.177.10

to view the pods running the nginx container

=====>kubectl get pod

Exposing the nginx container to the internet

=====>kubectl expose deployment nginx --port 80-typeLoadBalancer

Get the new services

=====>kubectl get services

Scale up the number of pods

=====>kubectl scale deployment niginx --replicas=3

then i view the lunched service with then external IP of 104.198.72.53