Create GKE cluster :

kubectl create deployment hello-world-rest-api --image=in28min/hello-world-rest-api:0.0.1.RELEASE

* gcloud config set project my-kubernetes-project-304910

Connect to cluster :

* gcloud container clusters get-credentials my-cluster --zone us-central1-c --project my-kubernetes-project-304910
* kubectl create deployment hello-world-rest-api --image=in28min/hello-world-rest-api:0.0.1.RELEASE
* kubectl get deployment

Expose service to internet

* kubectl expose deployment hello-world-rest-api --type=LoadBalancer --port=8080
* kubectl get services
* kubectl get services --watch
* curl 35.184.204.214:8080/hello-world
* kubectl scale deployment hello-world-rest-api --replicas=3
* gcloud container clusters resize my-cluster --node-pool default-pool --num-nodes=2 --zone=us-central1-c
* kubectl autoscale deployment hello-world-rest-api --max=4 --cpu-percent=70
* kubectl get hpa
* kubectl create configmap hello-world-config --from-literal=RDS\_DB\_NAME=todos
* kubectl get configmap
* kubectl describe configmap hello-world-config
* kubectl create secret generic hello-world-secrets-1 --from-literal=RDS\_PASSWORD=dummy todos
* kubectl get secret
* kubectl describe secret hello-world-secrets-1
* kubectl apply -f deployment.yaml
* gcloud container node-pools list --zone=us-central1-c --cluster=my-cluster
* kubectl get pods -o wide
* kubectl set image deployment hello-world-rest-api hello-world-rest-api=in28min/hello-world-rest-api:0.0.2.RELEASE
* kubectl get services
* kubectl get replicasets
* kubectl get pods
* kubectl delete pod hello-world-rest-api-58dc9d7fcc-8pv7r
* kubectl scale deployment hello-world-rest-api --replicas=1
* kubectl get replicasets
* gcloud projects list
* kubectl delete service hello-world-rest-api
* kubectl delete deployment hello-world-rest-api
* gcloud container clusters delete my-cluster --zone us-central1-c