

Jonathan Hansen Imin

52019025

Latihan Prak Cloud Computing

JonathanImin / Kharisma Public

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

main 1 branch 0 tags

Go to file Add file Code

JonathanImin Update app.js c29c307 4 minutes ago 7 commits

node_modules	Upload awal google KE	yesterday
.dockerignore	Upload awal google KE	yesterday
.gitattributes	Initial commit	yesterday
README.md	Upload awal google KE	yesterday
ahyar.dockerfile	Upload awal google KE	yesterday
app.js	Update app.js	4 minutes ago
package-lock.json	Upload awal google KE	yesterday
package.json	Upload awal google KE	yesterday

Create cluster

Select the cluster mode that you want to use.

Compare cluster modes to learn more about their differences.

COMPARE

GKE Standard
A pay-per-node Kubernetes cluster where you configure and manage your nodes.
[Learn more](#)

CONFIGURE

GKE Autopilot
A pay-per-Pod Kubernetes cluster where GKE manages your nodes with minimal configuration required. [Learn more](#)

CONFIGURE

CANCEL



To experiment with an affordable cluster, try **My first cluster** in the **Cluster set-up guides**

Name

jonathan-cluster



Location type

Resource prices may vary between certain regions. [Learn more](#)

☒ Zonal

☐ Regional

Zone

us-central1-c



☐ Specify default node locations

Current default: us-central1-c

Control plane version

Choose a release channel for automatic management of your cluster's version and upgrade cadence. Choose a static version for more direct management of your cluster's version. [Learn more.](#)

☒ Static version

CREATE

CANCEL

Equivalent [REST](#) or [COMMAND LINE](#)

OVERVIEW

COST OPTIMIZATION

Filter Enter property name or value

<input type="checkbox"/>	Status	Name	Location	Number of nodes	Total vCPUs	Total memory	Notifications	Labels	
<input type="checkbox"/>		jonathan-cluster	us-central1-c	3	0	0 GB		—	

Workloads

REFRESH

DEPLOY

DELETE

OPERATIONS

HELP ASSISTANT

Cluster

Namespace

RESET

SAVE

Workloads are deployable units of computing that can be created and managed in a cluster.

OVERVIEW

COST OPTIMIZATION

Filter Cluster: "jonathan-cluster" Location: "us-central1-c" Filter workloads



<input type="checkbox"/>	Name	Status	Type	Pods	Namespace	Cluster
<input type="checkbox"/>	event-exporter-gke	OK	Deployment	1/1	kube-system	jonathan-cluster
<input type="checkbox"/>	fluentbit-gke	OK	Daemon Set	3/3	kube-system	jonathan-cluster
<input type="checkbox"/>	gke-metrics-agent	OK	Daemon Set	3/3	kube-system	jonathan-cluster
<input type="checkbox"/>	gke-metrics-agent-windows	DaemonSet has no nodes selected	Daemon Set	0/0	kube-system	jonathan-cluster
<input type="checkbox"/>	konnectivity-agent	OK	Deployment	3/3	kube-system	jonathan-cluster

1 Container

Edit container

☐ Existing container image

☒ New container image

Repository Provider

GitHub



Authenticated as JonathanImin. [Change user](#)

Repository *

JonathanImin/Kharisma



Dockerfile path

ahyar.dockerfile

Path to the Dockerfile from the root of the repository. Defaults to 'Dockerfile'.

Image name *

gcr.io/airy-box-344904/github.com/jonathanimin/kharisma:\$SHORT_!

The built image will be pushed to Google Container Registry with this name. Supported variables: \$PROJECT_ID, \$REPO_NAME, \$BRANCH_NAME, \$COMMIT_SHA, \$SHORT_SHA

✓ Container

2 Configuration

A deployment is a configuration which defines how Kubernetes deploys, manages, and scales your container image. Kubernetes will ensure your system matches this configuration.

Application name *

jonathan-nodejs

Namespace *

default

Cluster

Kubernetes Cluster

jonathan-cluster (us-central1-c)



Cluster in which the deployment will be created.

[CREATE NEW CLUSTER](#)

DEPLOY

✓ jonathan-nodejs



Set up an automated pipeline for this workload

[SET UP](#)

[DISMISS](#)



To let others access your deployment, expose it to create a service

[EXPOSE](#)

Port mapping

Port 1

80



Target port 1

8000



Protocol 1

TCP



[+ ADD PORT MAPPING](#)

Service type

Load balancer



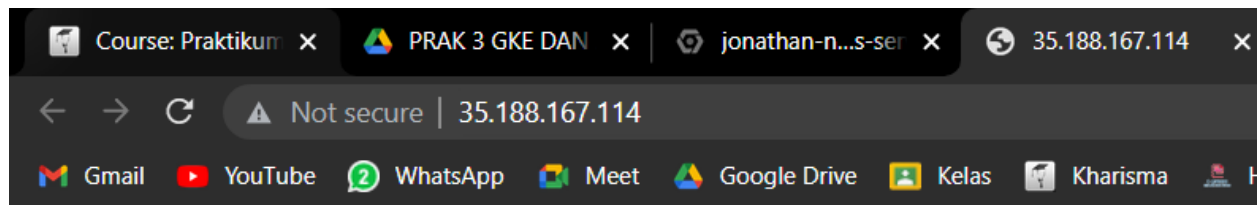
Service name

jonathan-nodejs-service

EXPOSE

VIEW YAML

Cluster	jonathan-cluster
Namespace	default
Labels	app: jonathan-nodejs
Logs	jonathan-nodejs
Type	LoadBalancer
External endpoints	35.188.167.114:80



Hello World!