* cd default-service
* gcloud app deploy
* gcloud app services list
* gcloud app versions list
* gcloud app instances list
* gcloud app deploy --version=v2
* gcloud app versions list

To find the url of a particular version .

* gcloud app browse
* gcloud app browse --version 20210215t072907

When deploying new version without switching traffic to new version:

* gcloud app deploy --version=v3 --no-promote

Check new deployed version :

* gcloud app browse --version v3

Switch half traffic to different version to test new version :

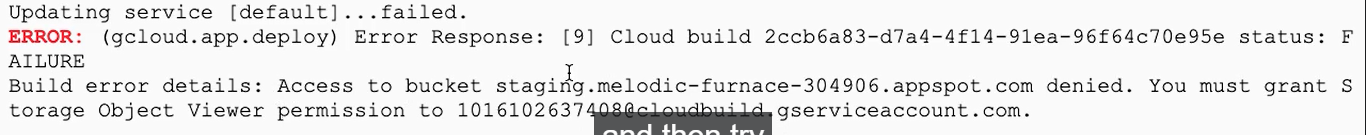
* gcloud app services set-traffic split=v3=.5,v2=.5
* gcloud app services set-traffic splits=v3=.5,v2=.5
* watch curl https://melodic-furnace-304906.uc.r.appspot.com/
* gcloud app services set-traffic --splits=v3=.5,v2=.5 --split-by=random
* Send all traffic to v3 only :
* gcloud app services set-traffic -–splits=v3=1

* cd ../my-first-service/
* gcloud app deploy
* gcloud app browse --service=my-first-service
* gcloud app services list
* gcloud app regions list
* gcloud app browse --service=my-first-service --version=20210215t075851
* gcloud app browse --version=v2
* gcloud app open-console --version=v2
* gcloud app versions list --hide-no-traffic

Enable app engine admin api to use app engine .

Create app engine > Create application > select region > deploy service to app engine using cloud shell >

ERROR :



In gcloud app deploy .

Go to iam > app role to service account as given in error .

In app engine standard deployment - deployment package is created which is stored in google cloud storage . using cicd methodology of cloud build . So a service account is created to perform these tasks , so we have to give storage viewers access to the service account .

We can deploy version 2 of service :

Even if we deploy v2 , v1 will still be running .

Once v2 is deployed then traffic gets routed to v2 .