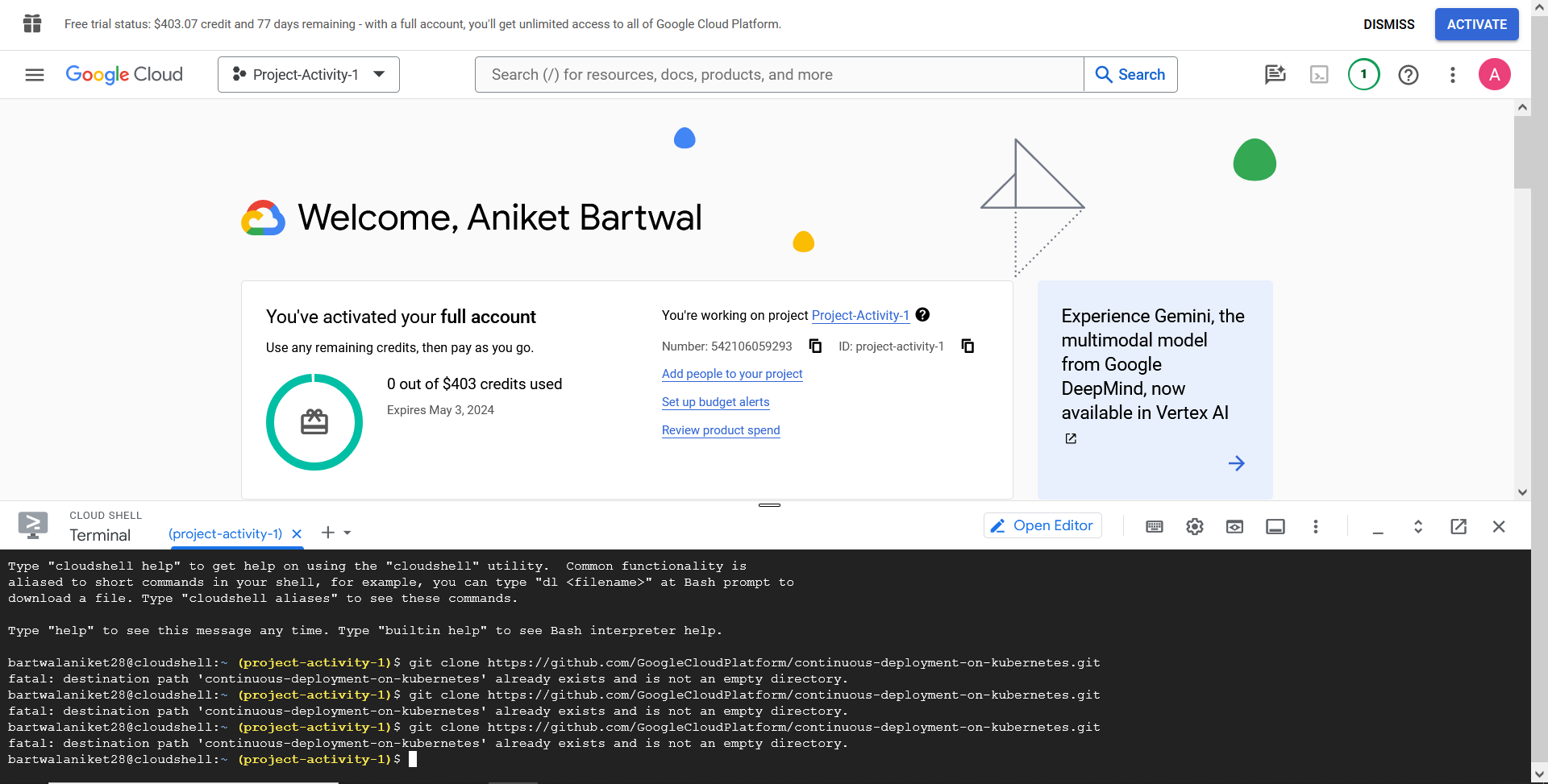
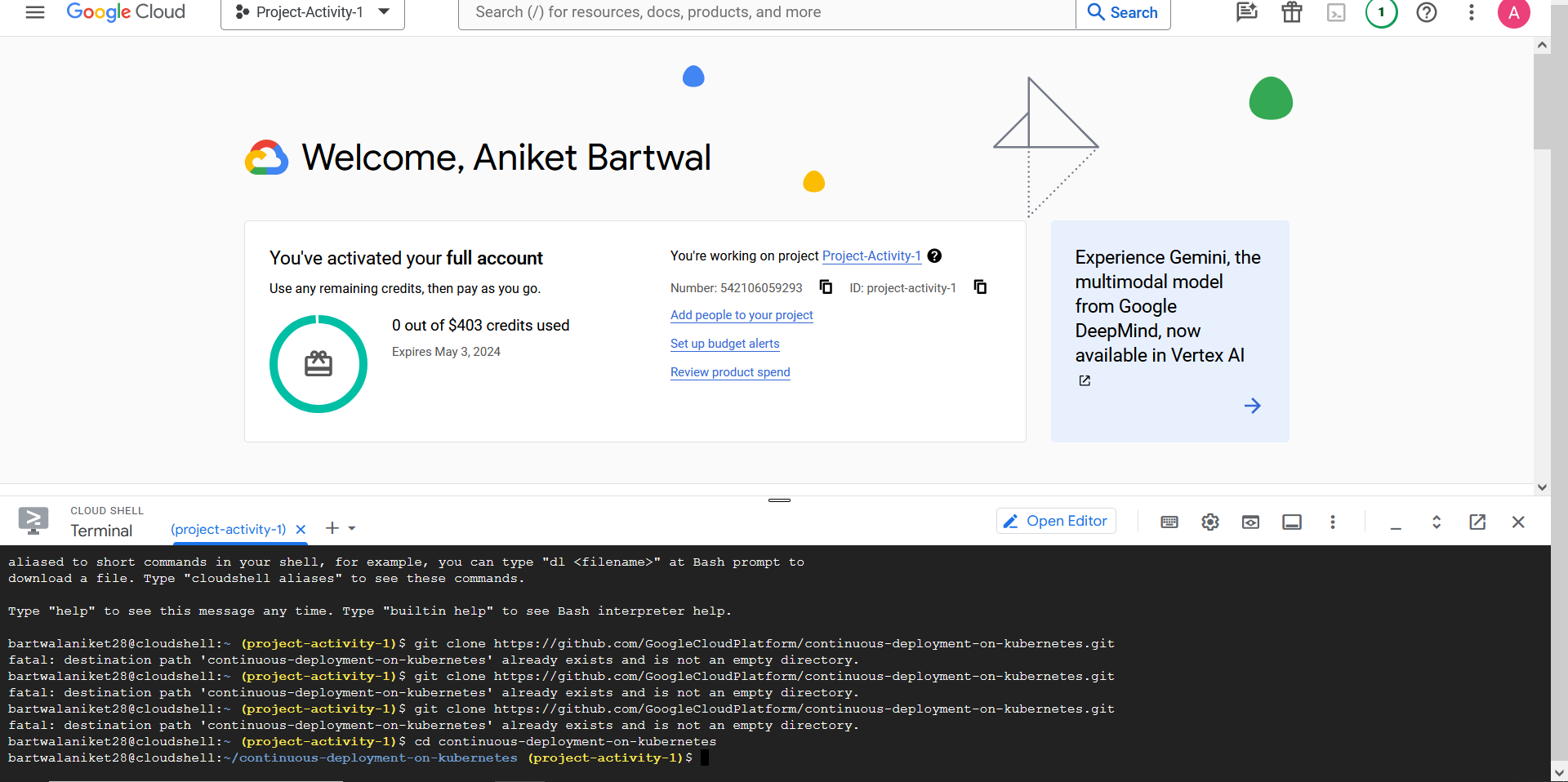
1. Cloned Kubernetes manifests that you'll use to deploy Jenkins.

git clone https://github.com/GoogleCloudPlatform/continuous-deployment-on-kubernetes.git



1. Navigated to the sample code directory

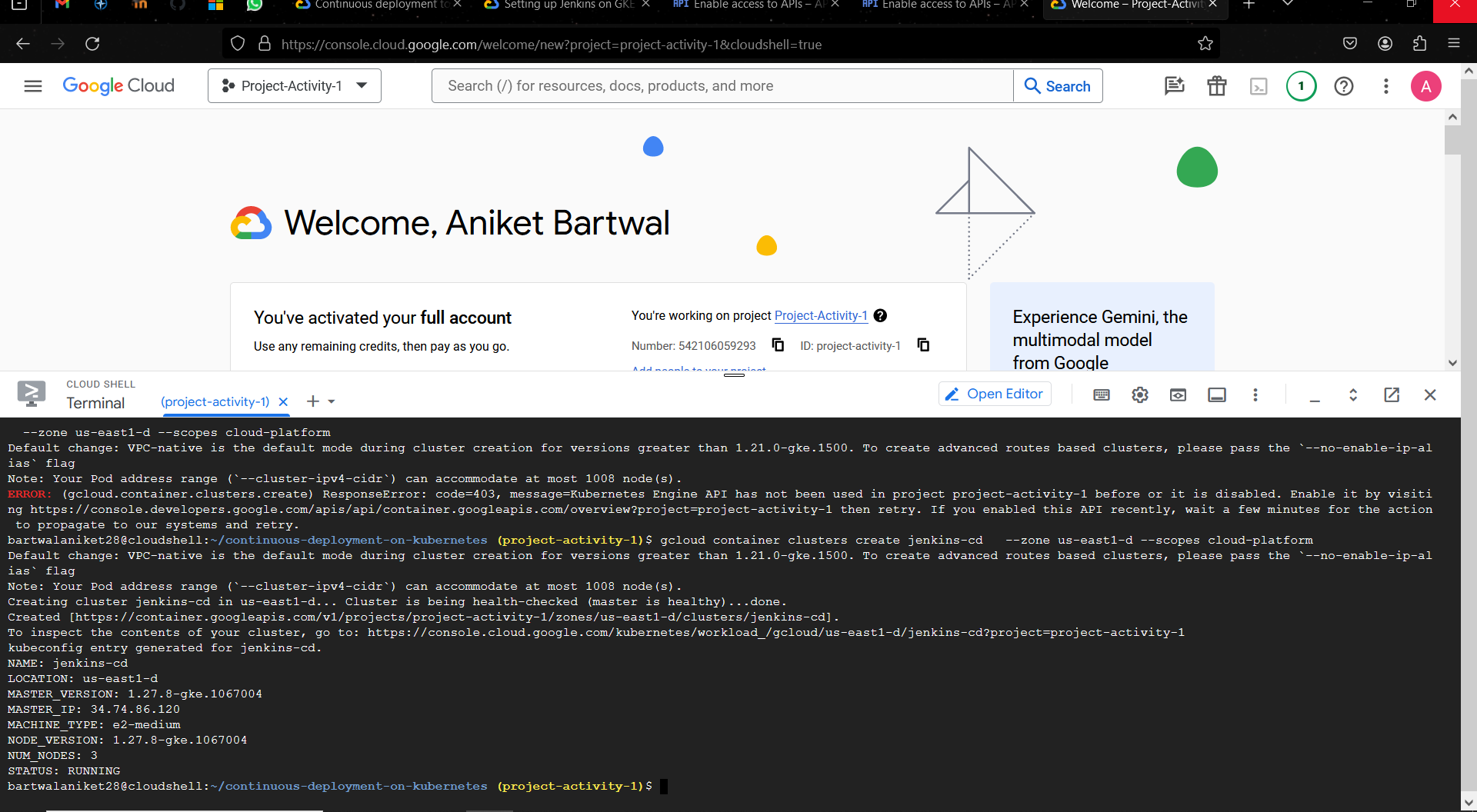
cd continuous-deployment-on-kubernetes



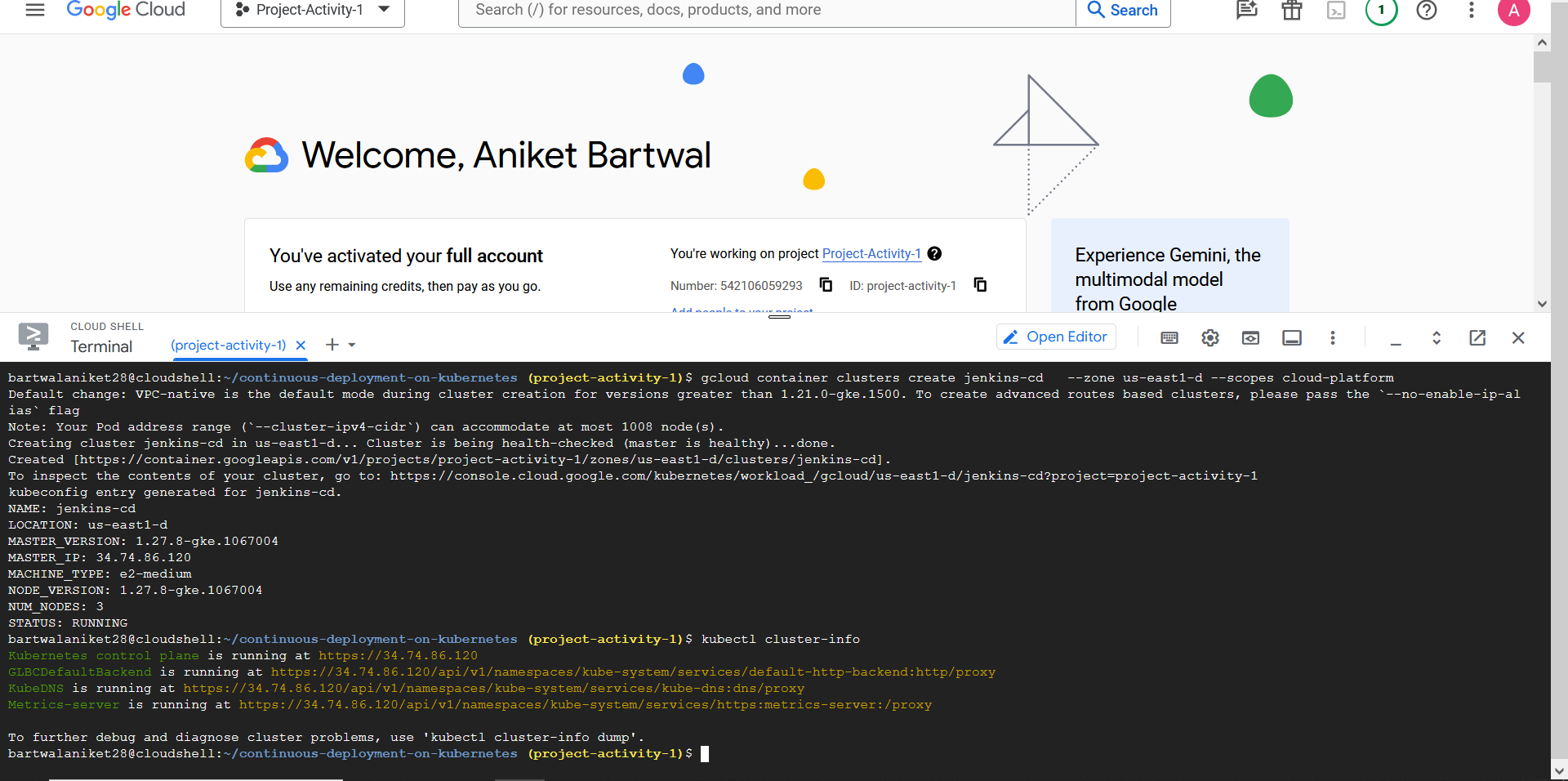
1. Enables Jenkins to access Cloud Source Repositories and Container Registry.

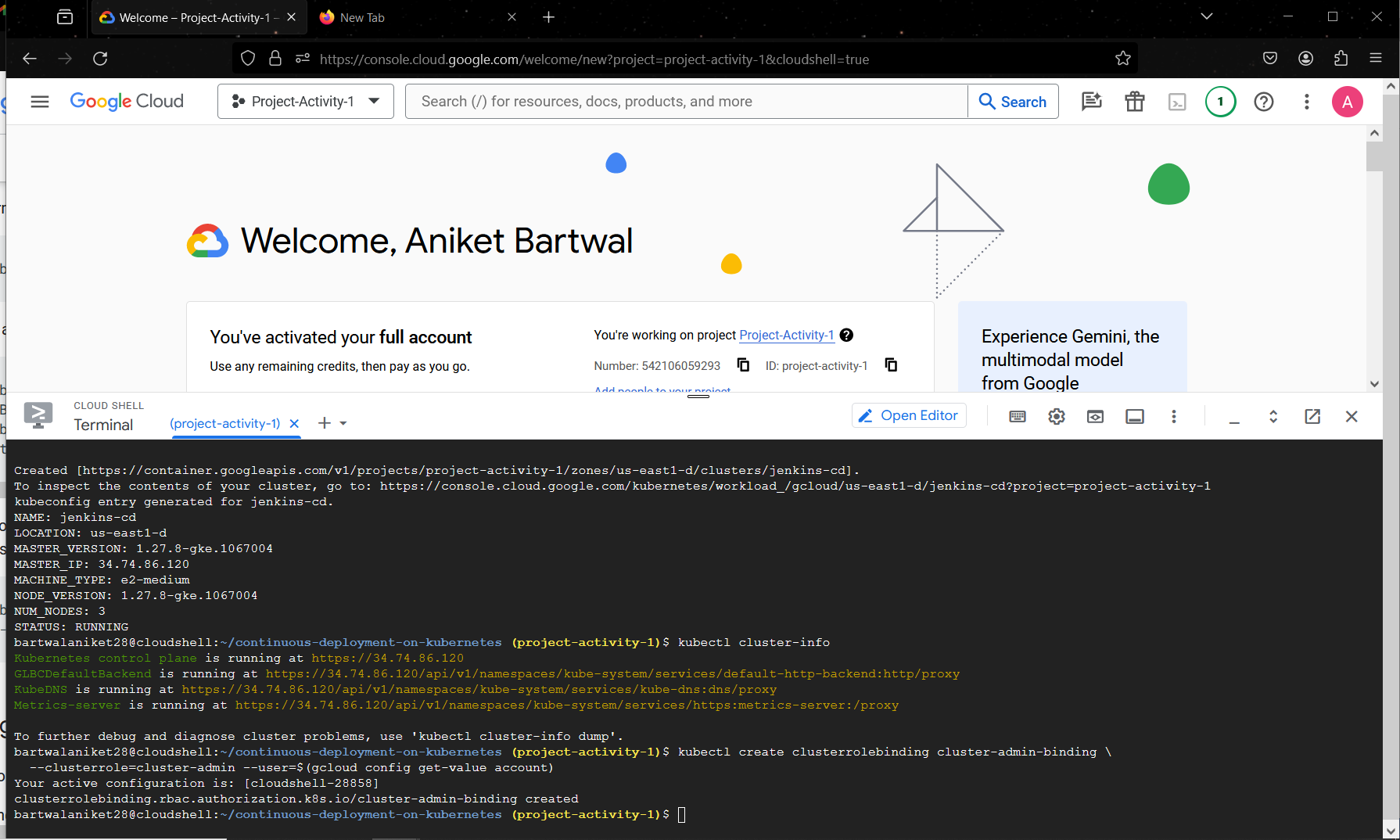
gcloud container clusters create jenkins-cd \

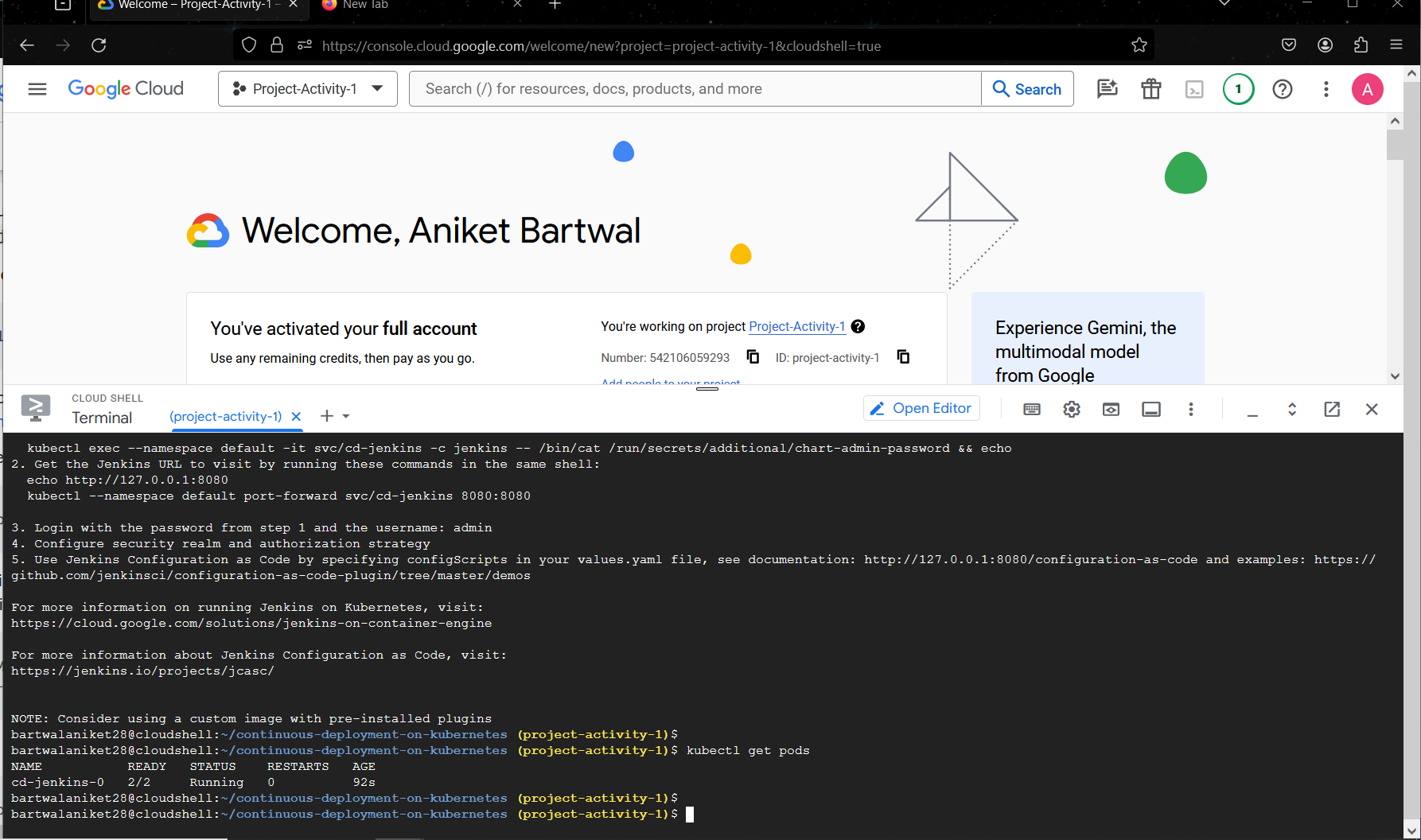
--zone us-east1-d --scopes cloud-platform

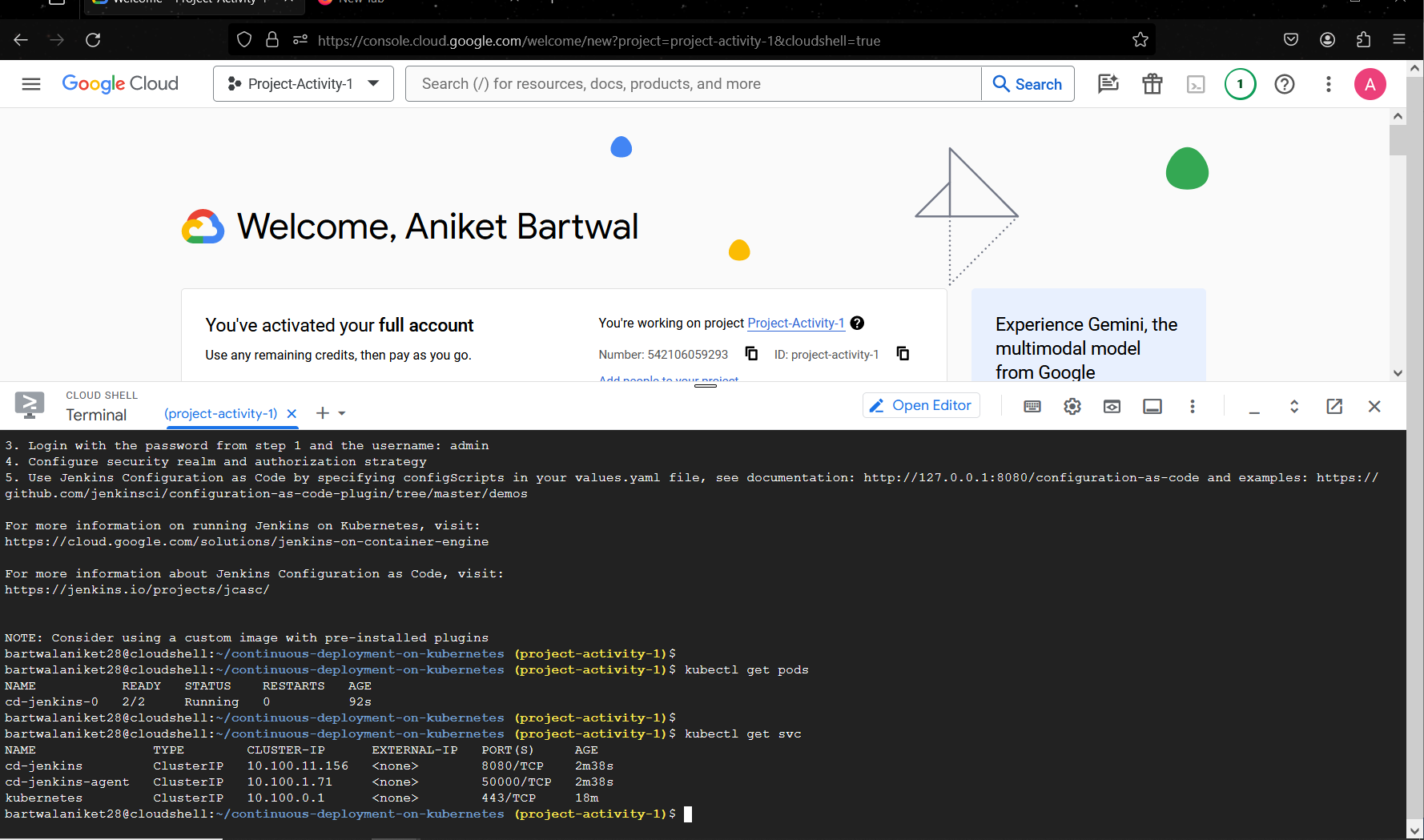


1. Cluster info



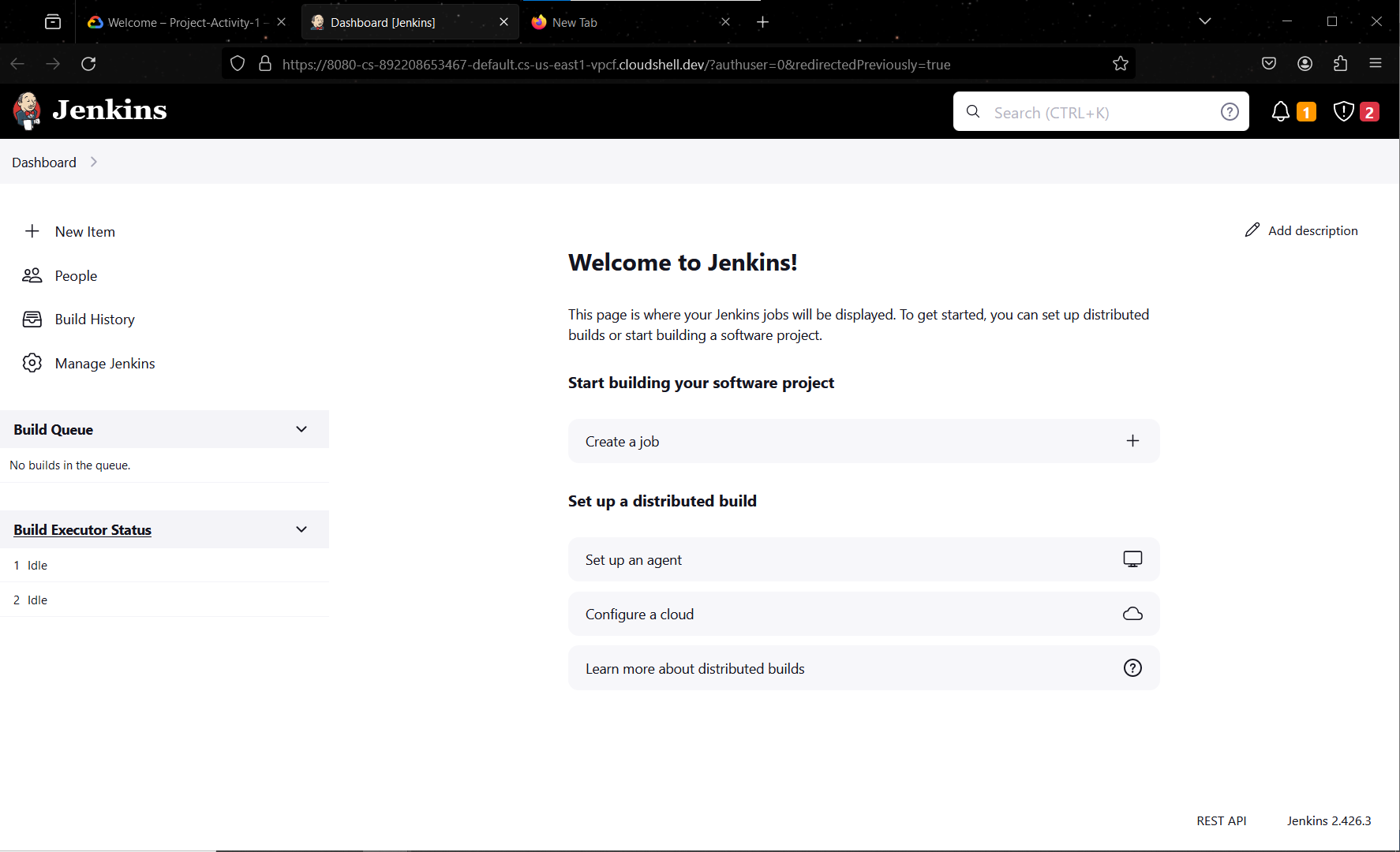
1. 
2. kubectl get pods

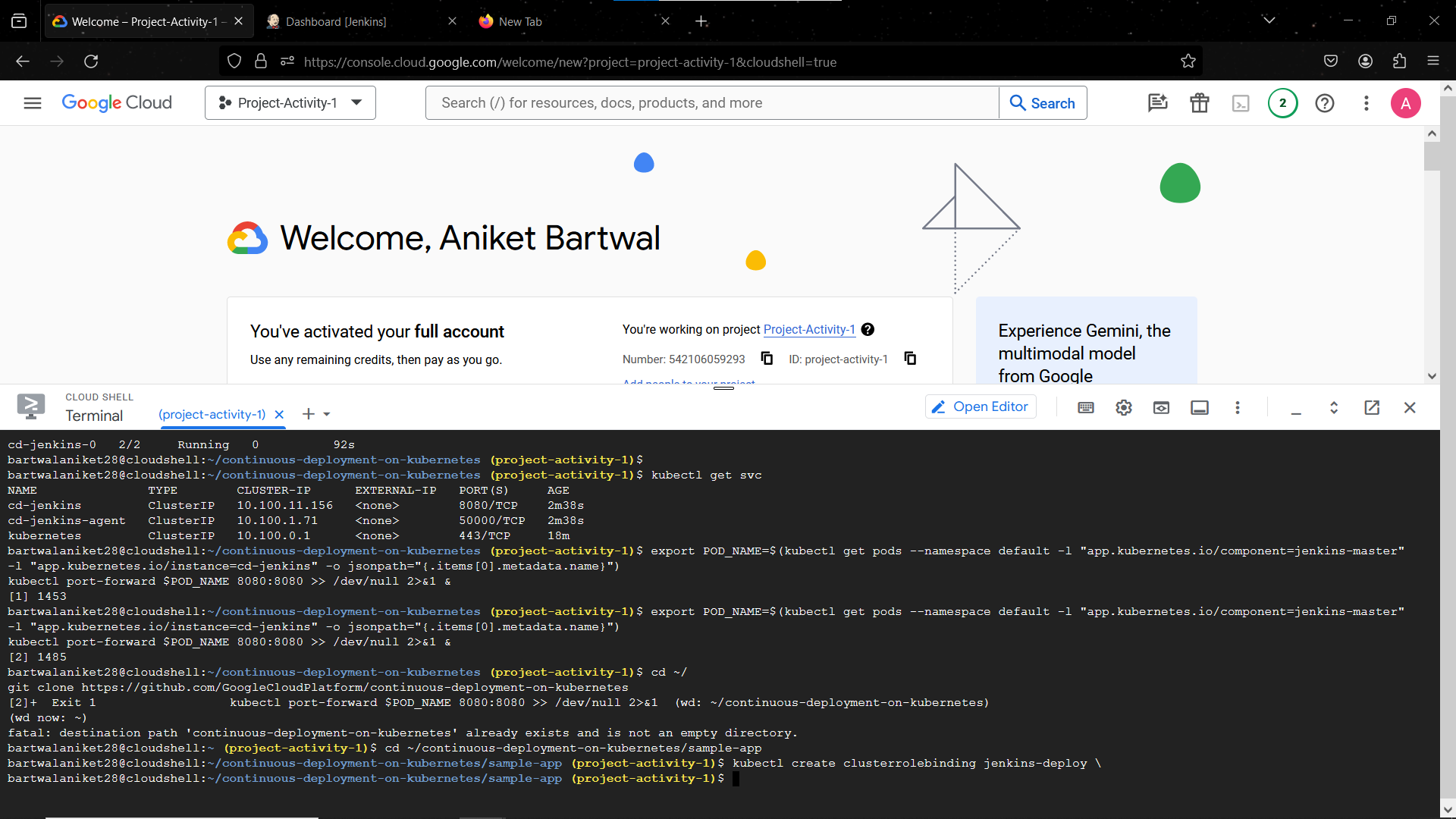




**Connecting to Jenkins**

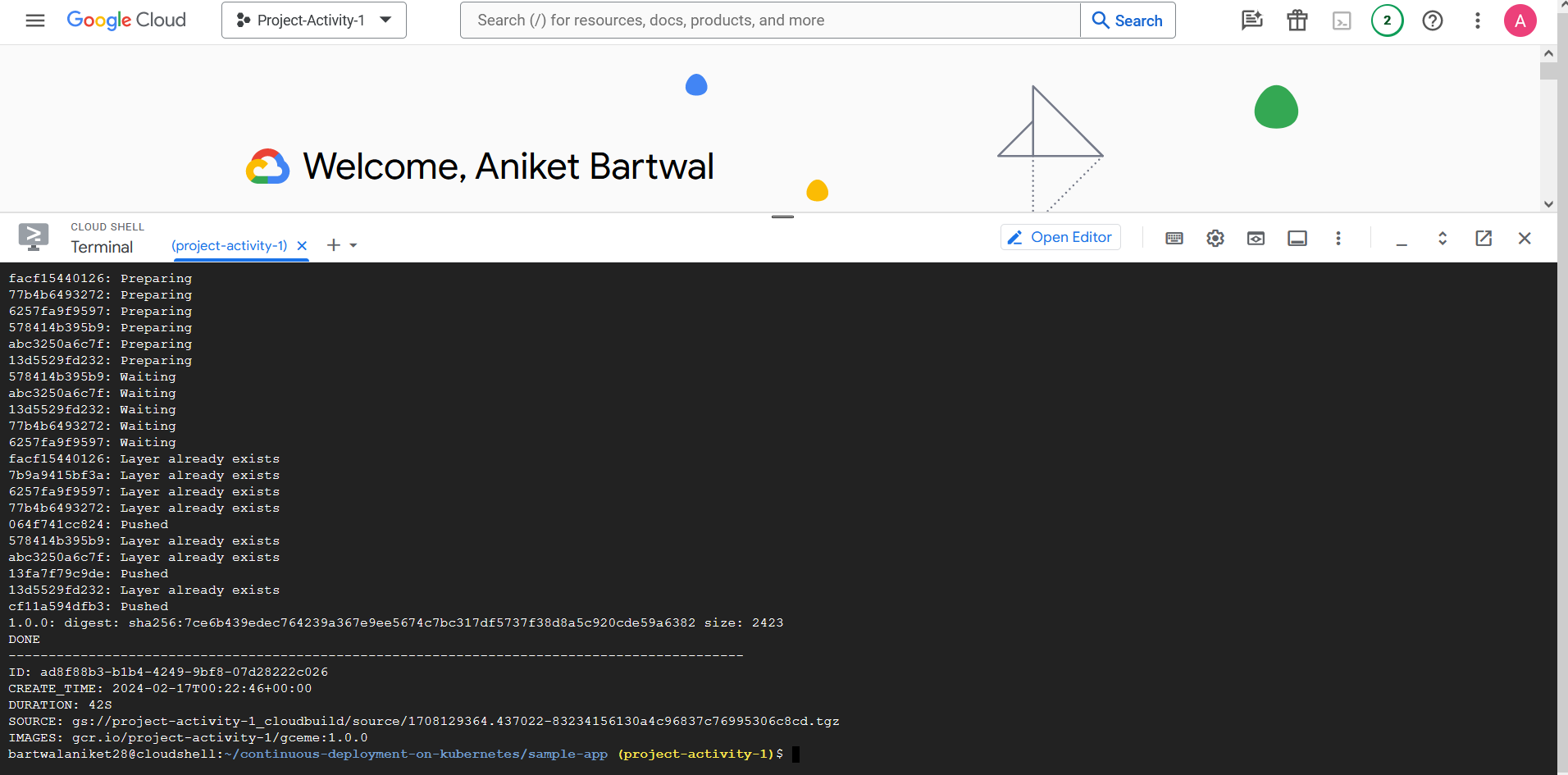
**Jenkins successfully deployed.**

1. 
2. Apply the cluster-admin role to the Jenkins service account

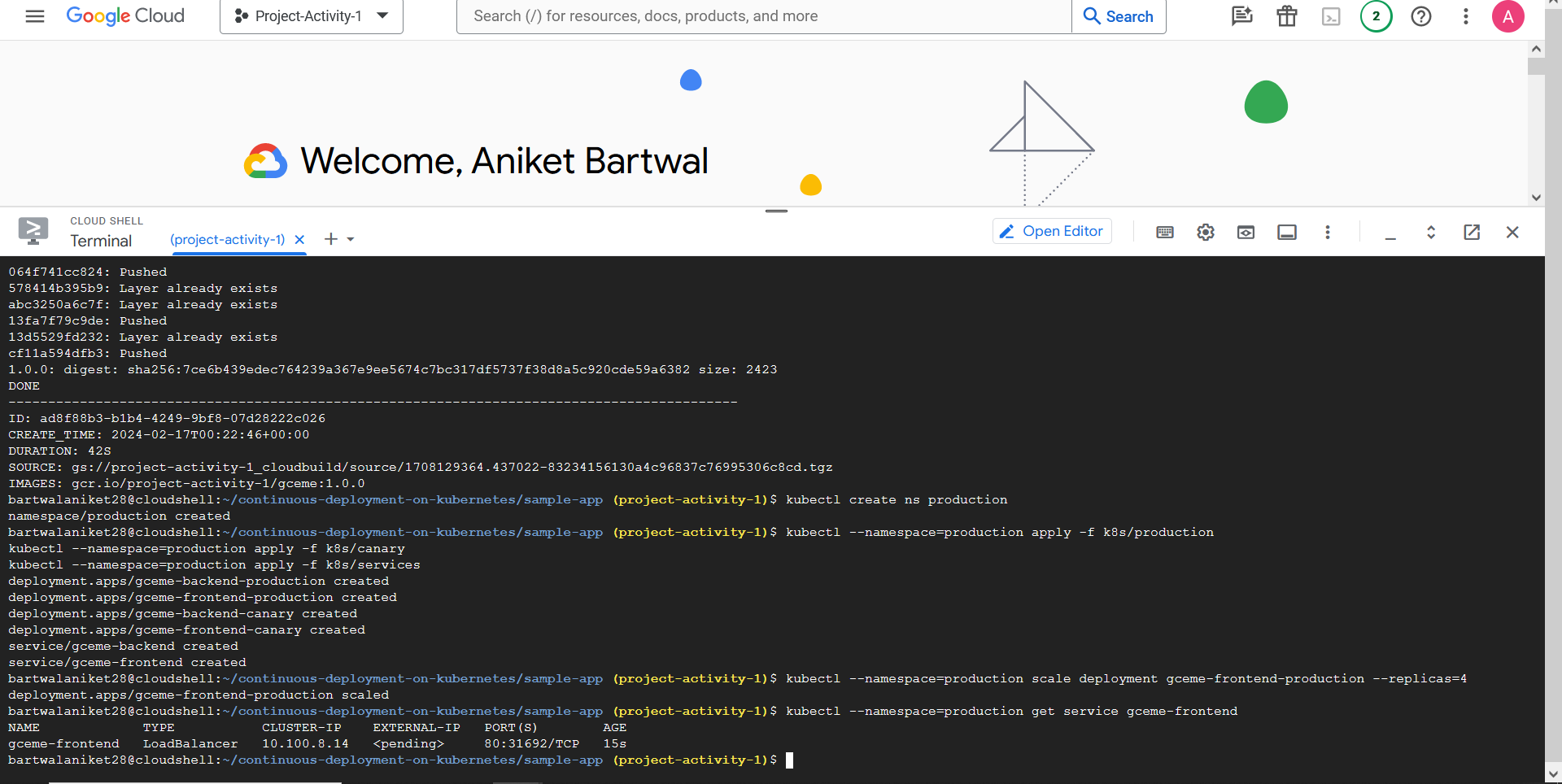


## Building the sample app

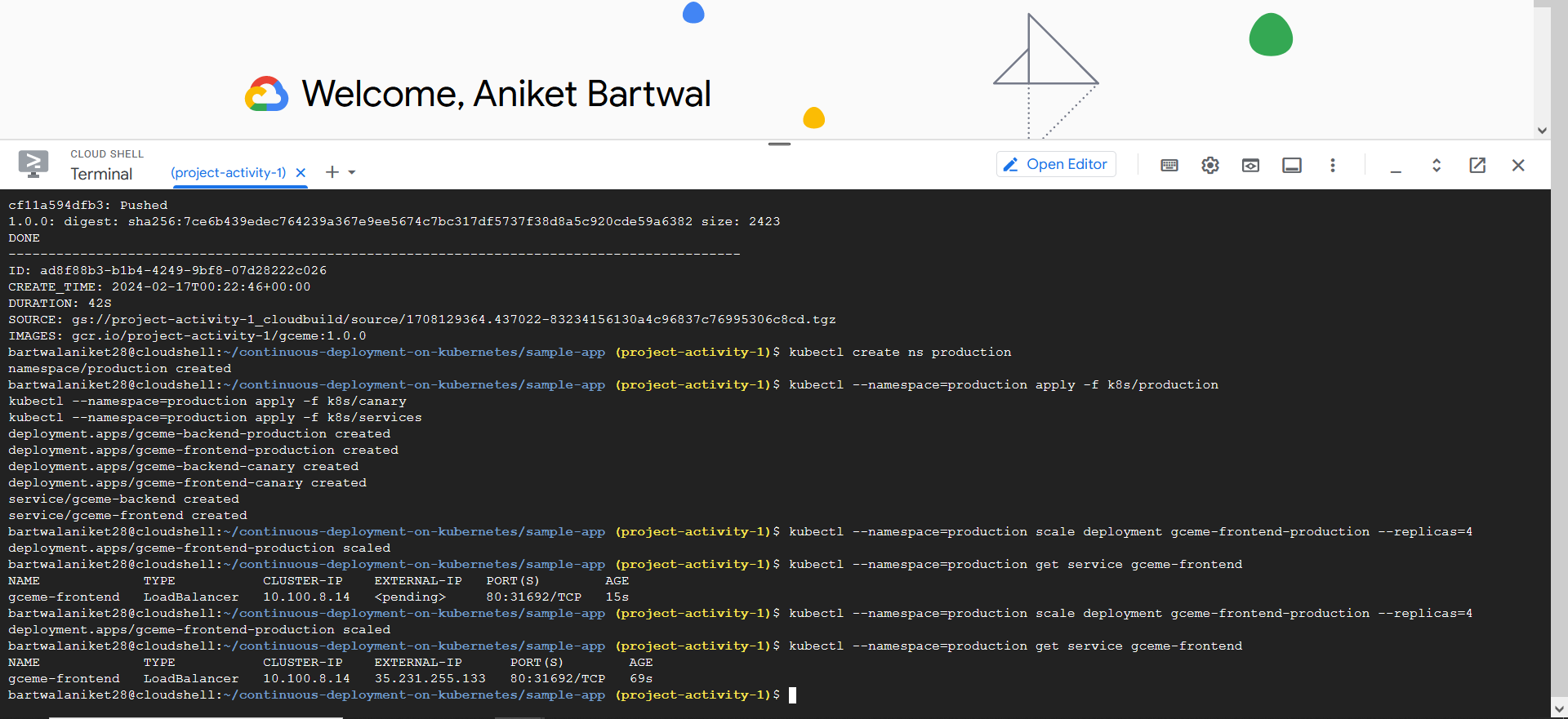
export PROJECT\_ID=$(gcloud info --format='value(config.project)')  
  
find . -type f -name "\*" -exec sed -i 's|gcr.io/cloud-solutions-images/gceme:1.0.0|gcr.io/'"${PROJECT\_ID}"'/gceme:1.0.0|g' {} +  
  
gcloud builds submit --tag gcr.io/${PROJECT\_ID}/gceme:1.0.0

1. 

**Deploying the gceme frontend and backend to Kubernetes using manifest files**

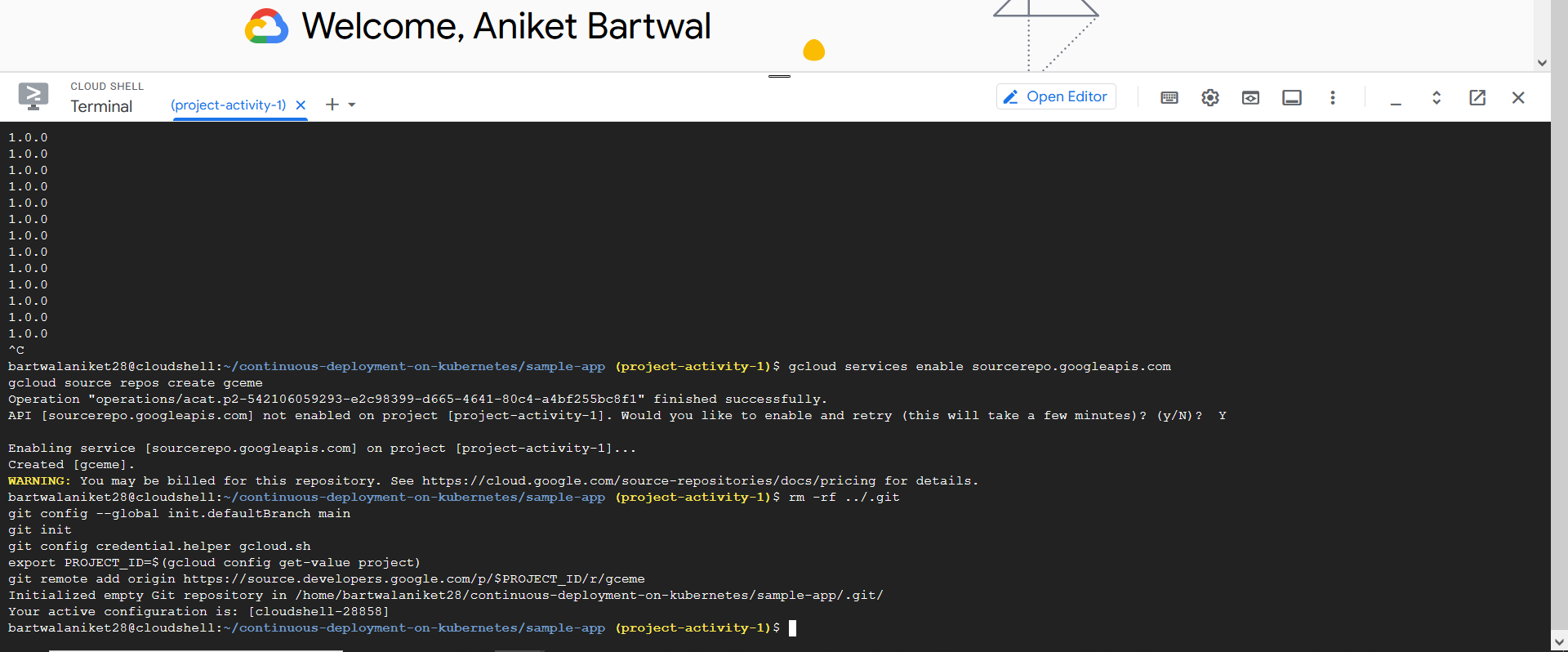
****

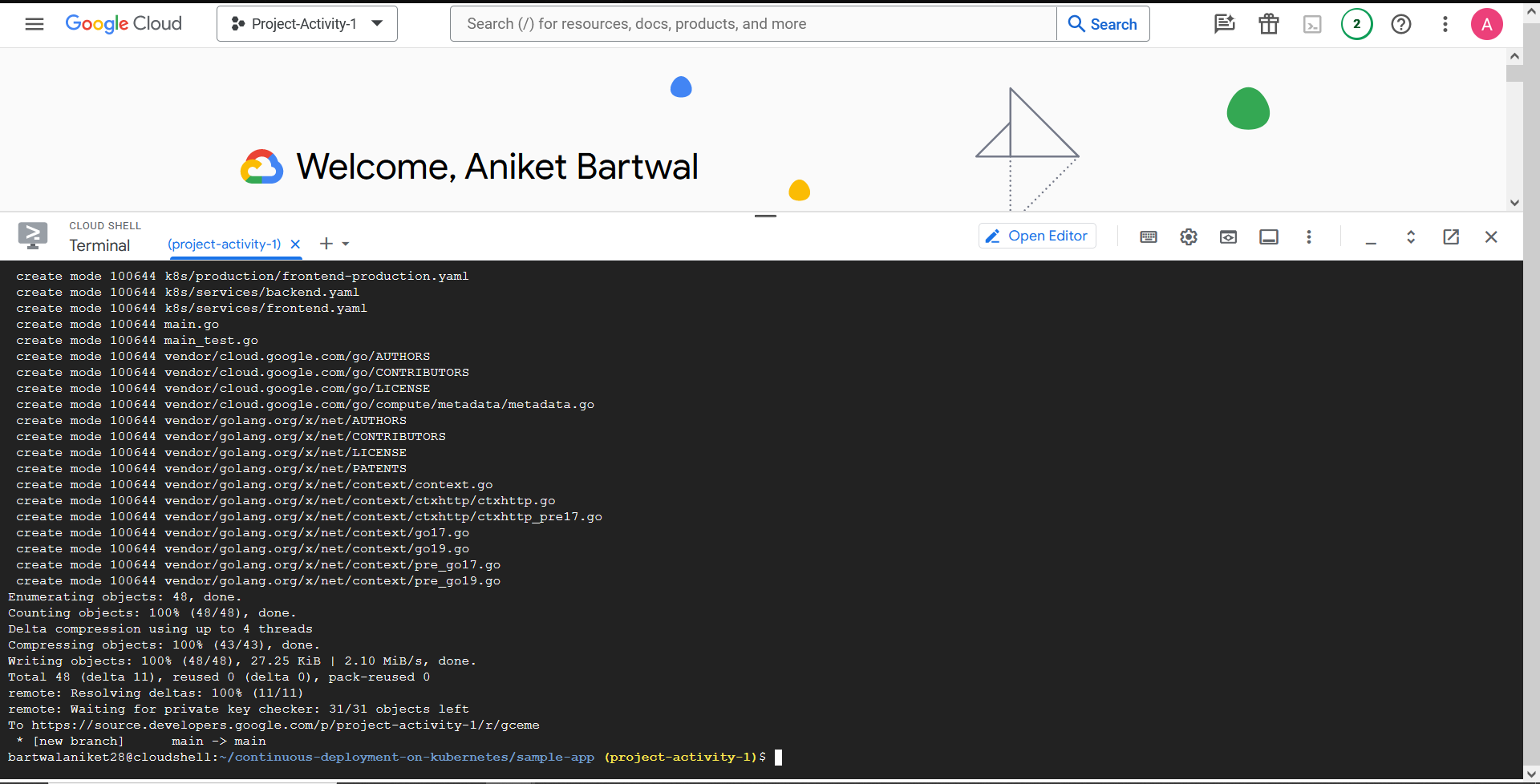
**External IP**

****

## Creating a repository to host the sample app source code

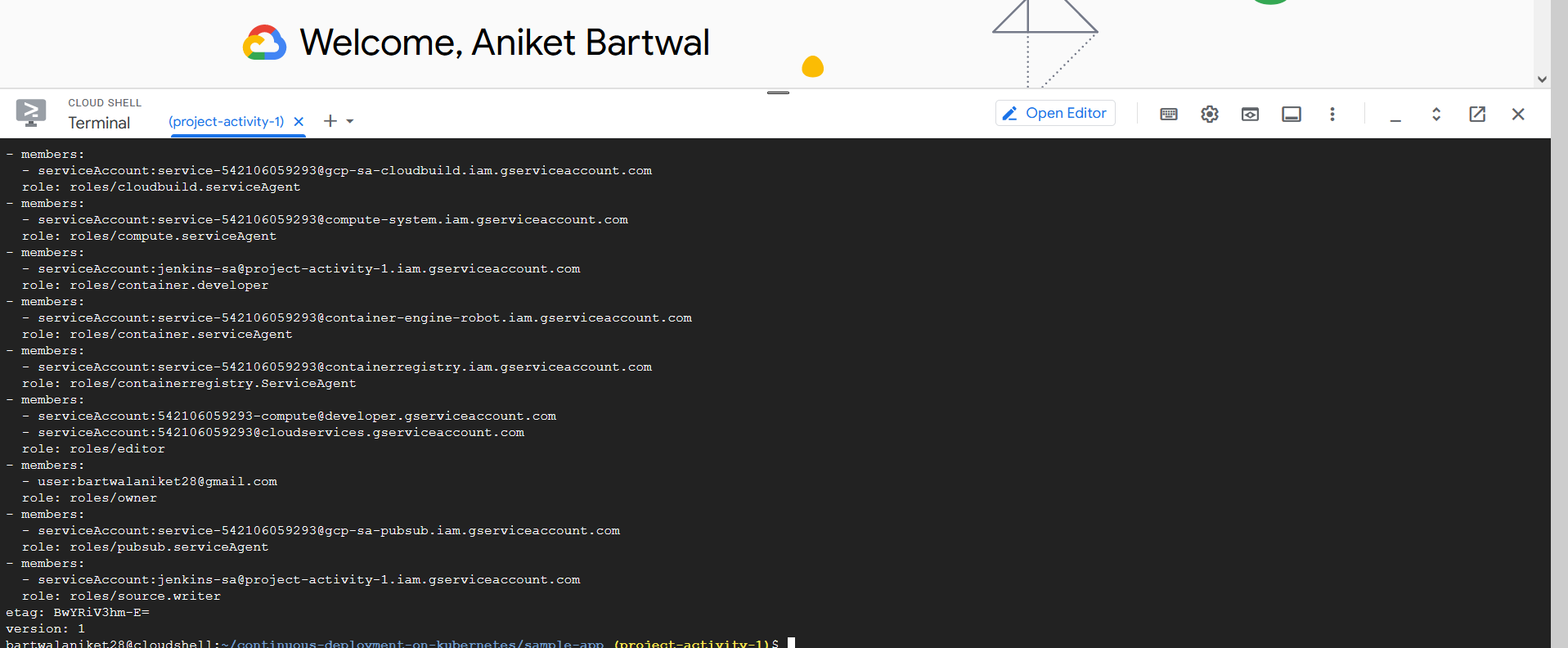
gcloud services enable sourcerepo.googleapis.com  
gcloud source repos create gceme

****

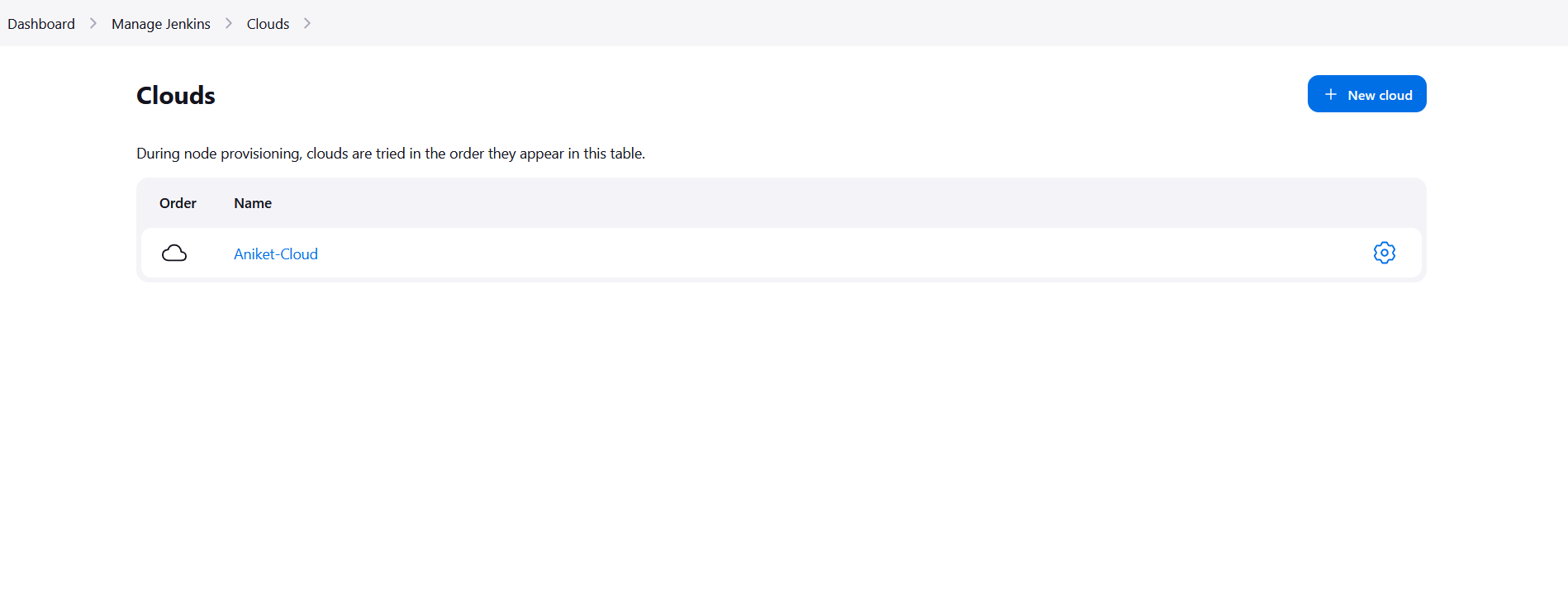
****

## Create a service account

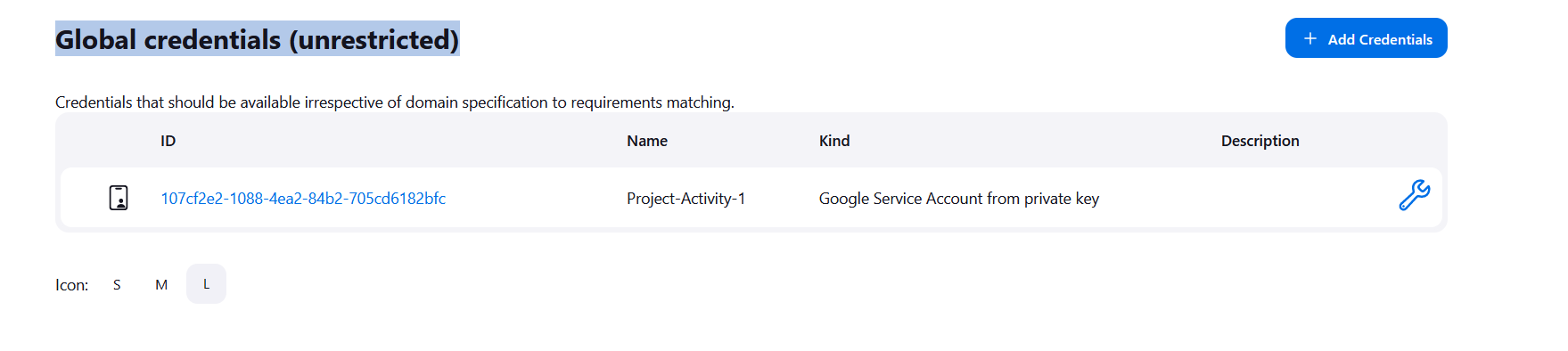
export SA=jenkins-sa  
export SA\_EMAIL=${SA}@${PROJECT\_ID}.iam.gserviceaccount.com  
  
gcloud iam service-accounts create $SA  
  
gcloud projects add-iam-policy-binding $PROJECT\_ID \  
  --member serviceAccount:$SA\_EMAIL \  
  --role roles/source.writer  
  
gcloud projects add-iam-policy-binding $PROJECT\_ID \  
  --member serviceAccount:$SA\_EMAIL \  
  --role roles/container.developer

****

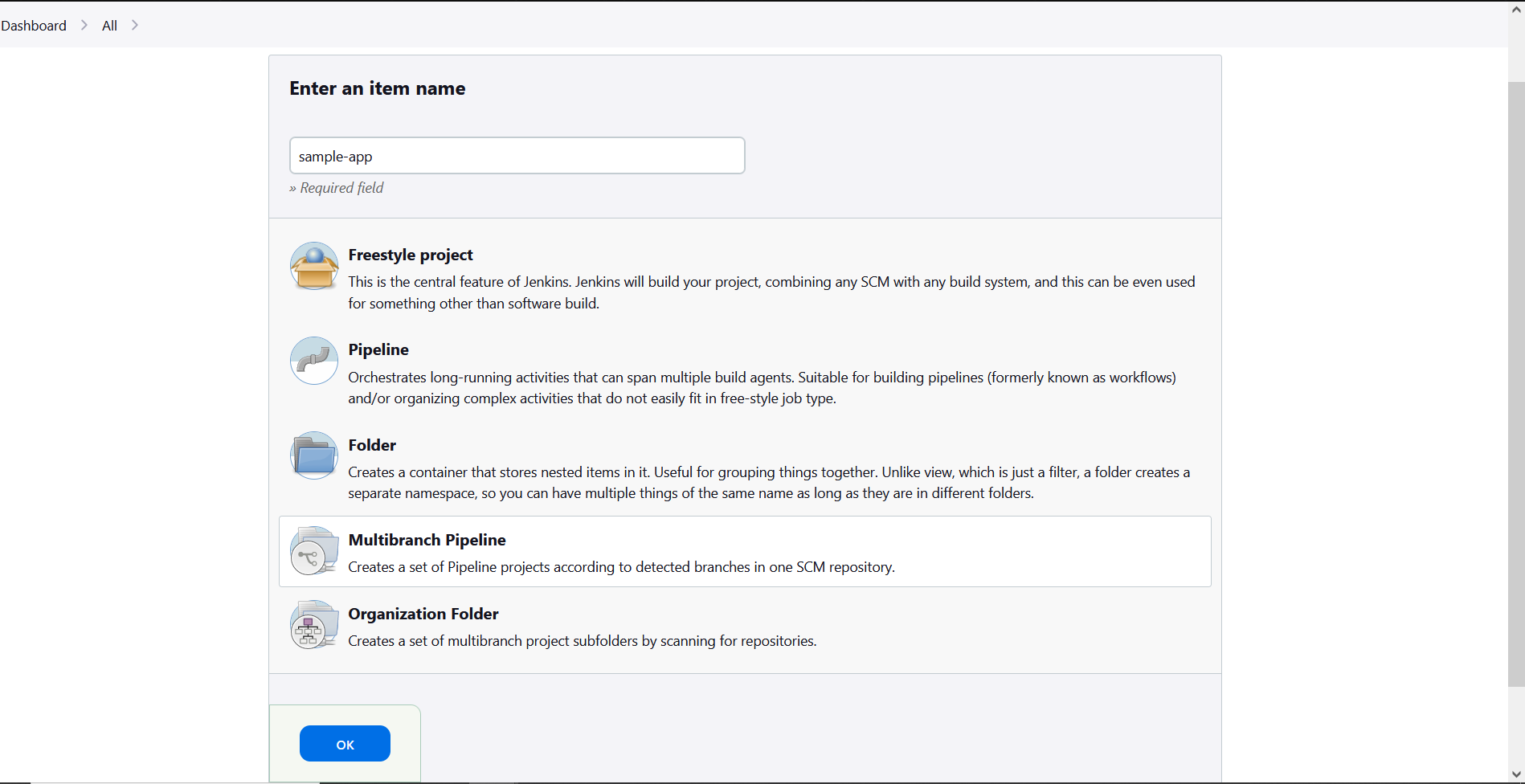
## Configure Jenkins Cloud for Kubernetes

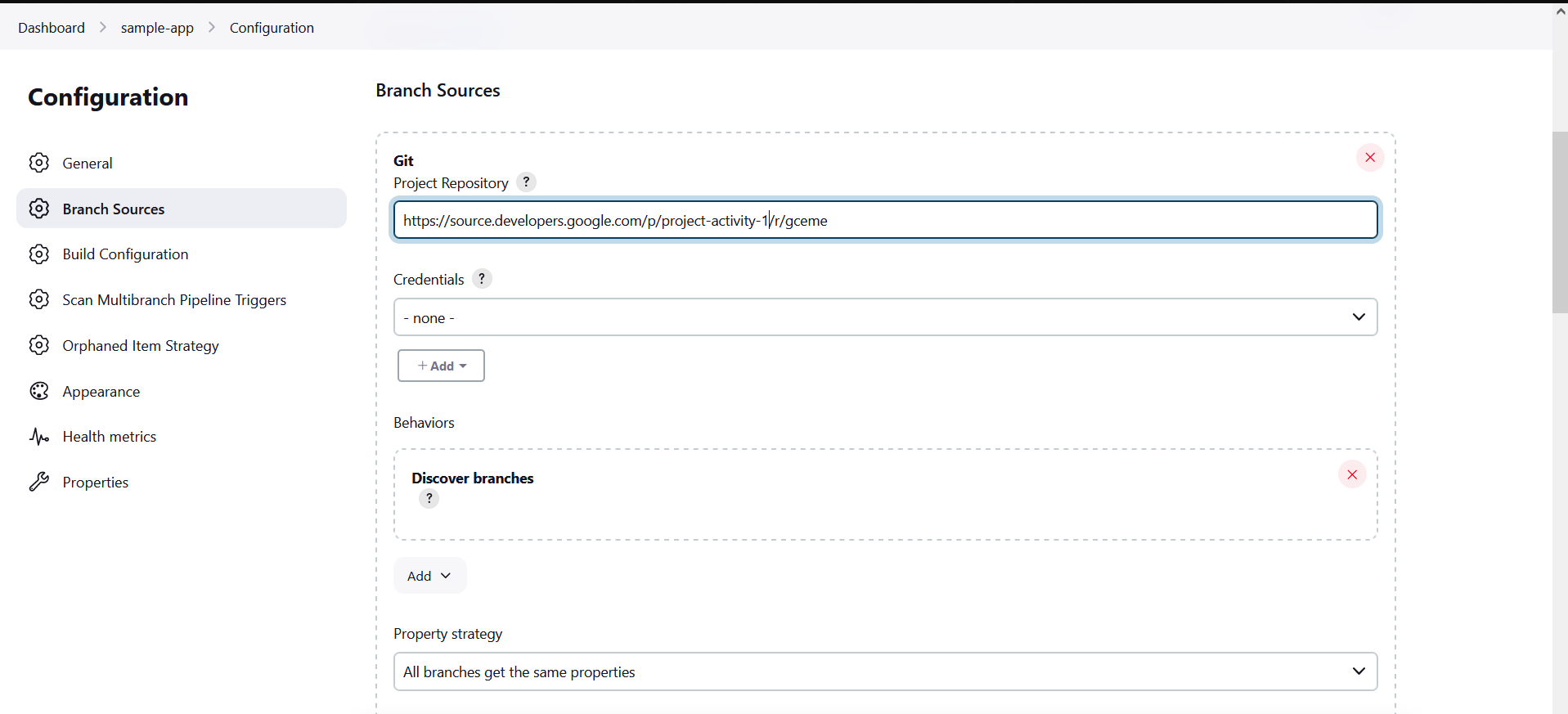
****

# **Created** Global credential

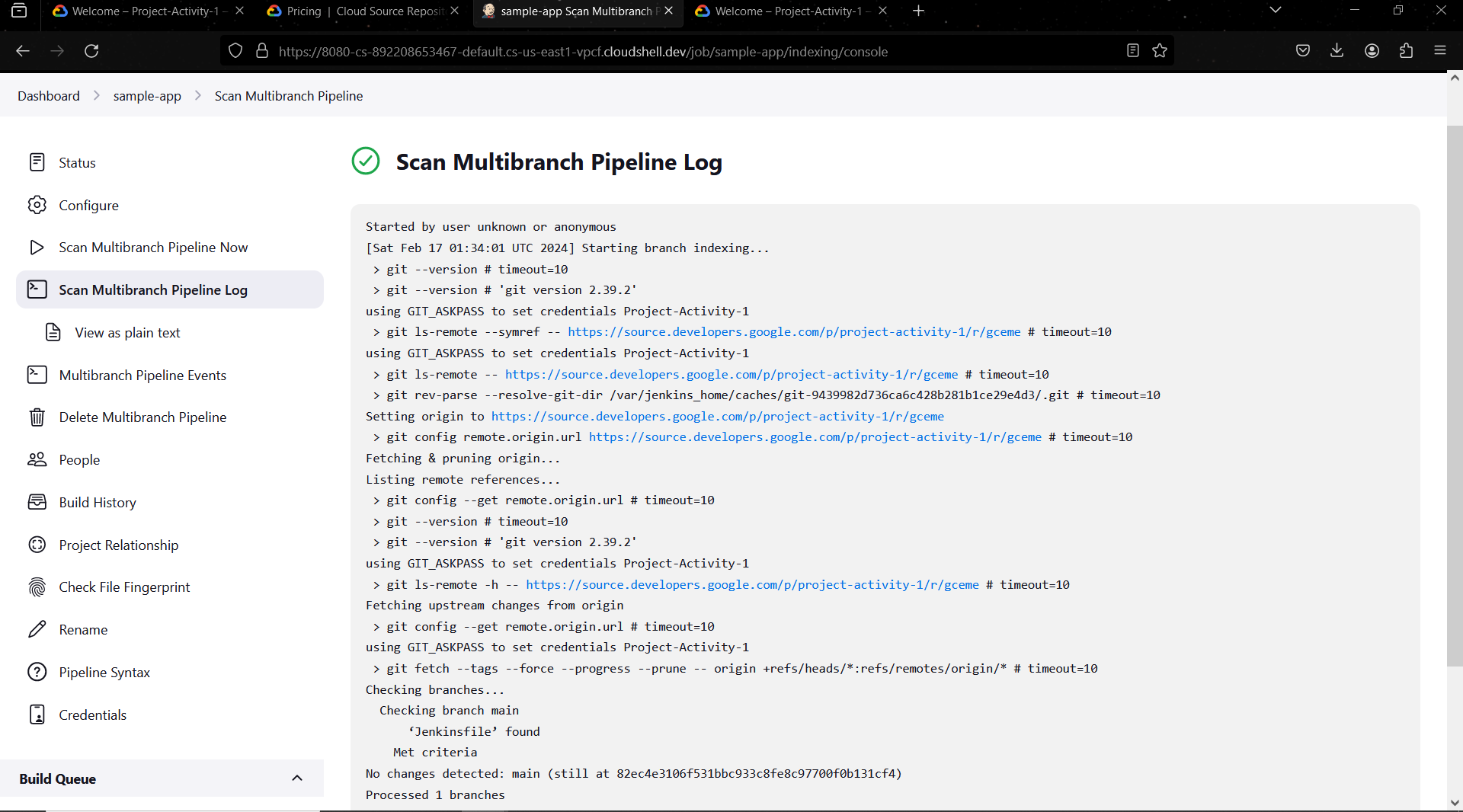


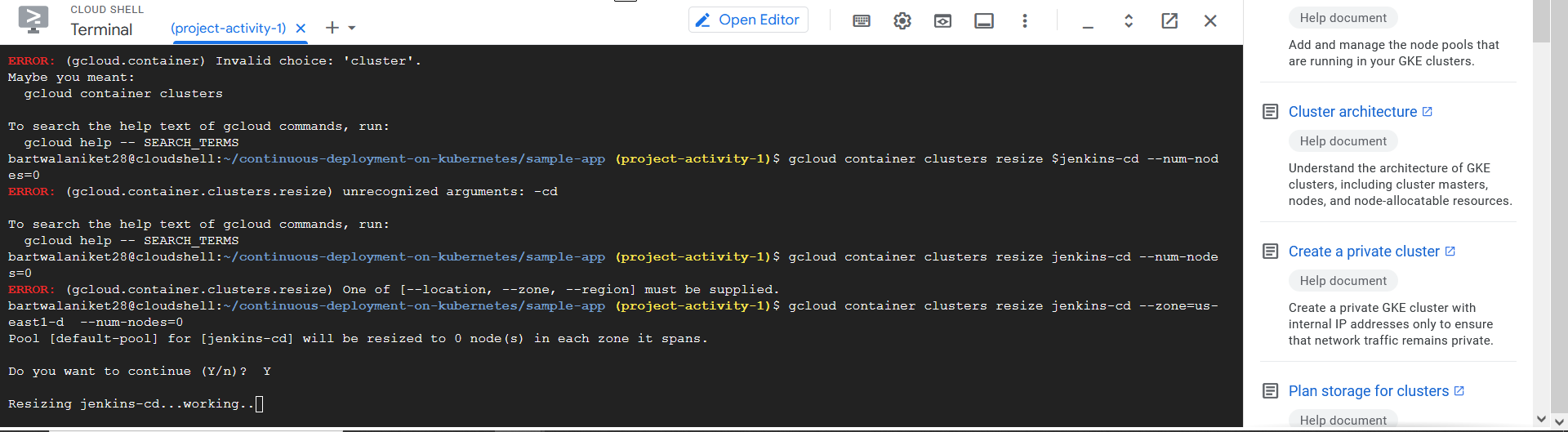
### Creating a Jenkins job



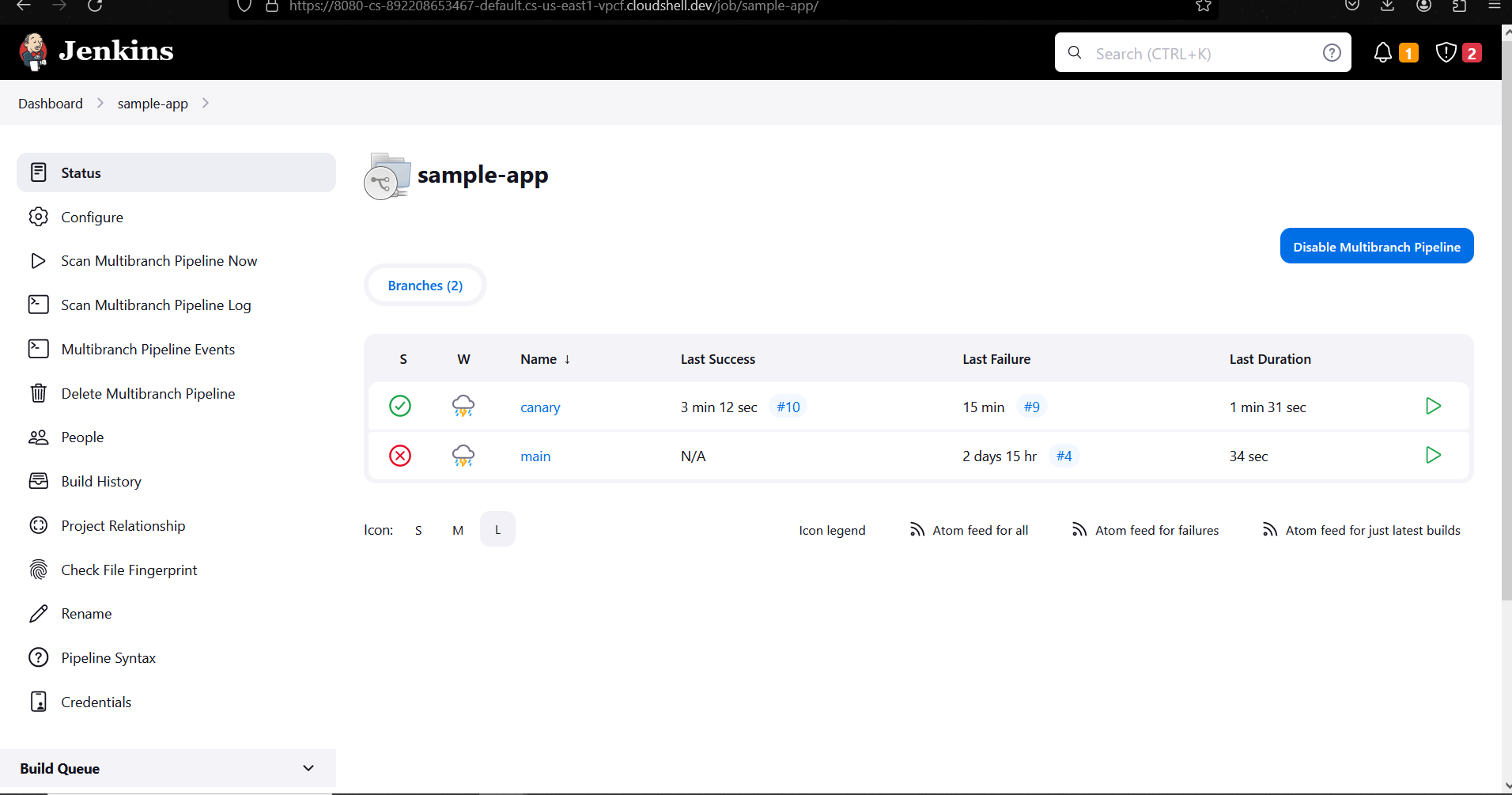


**Log:**

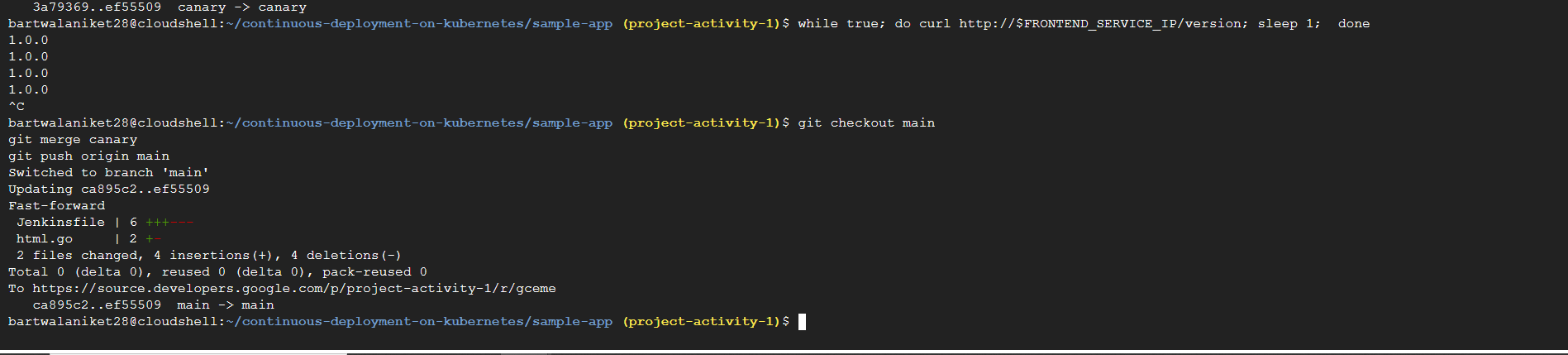


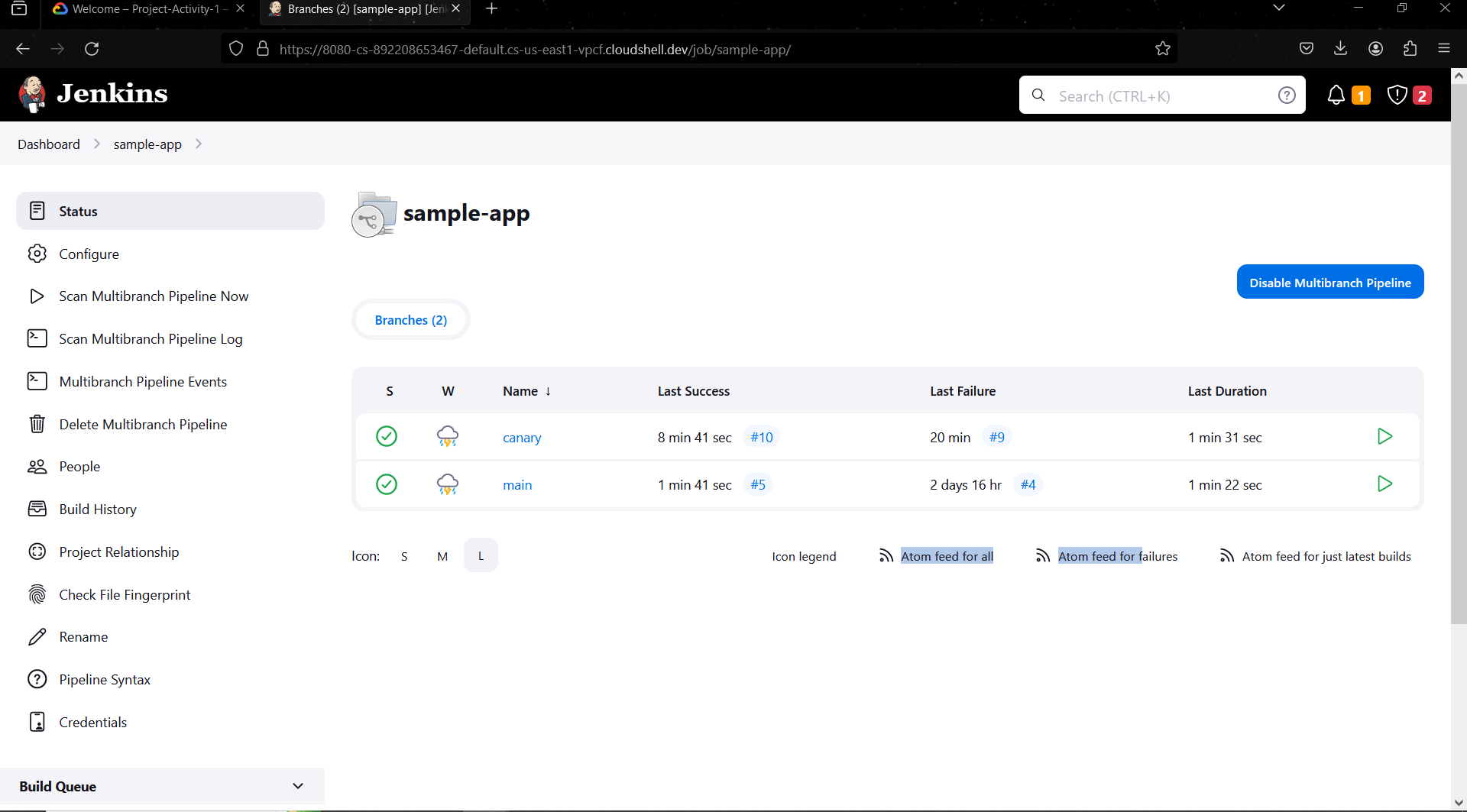


## Deployed a canary release

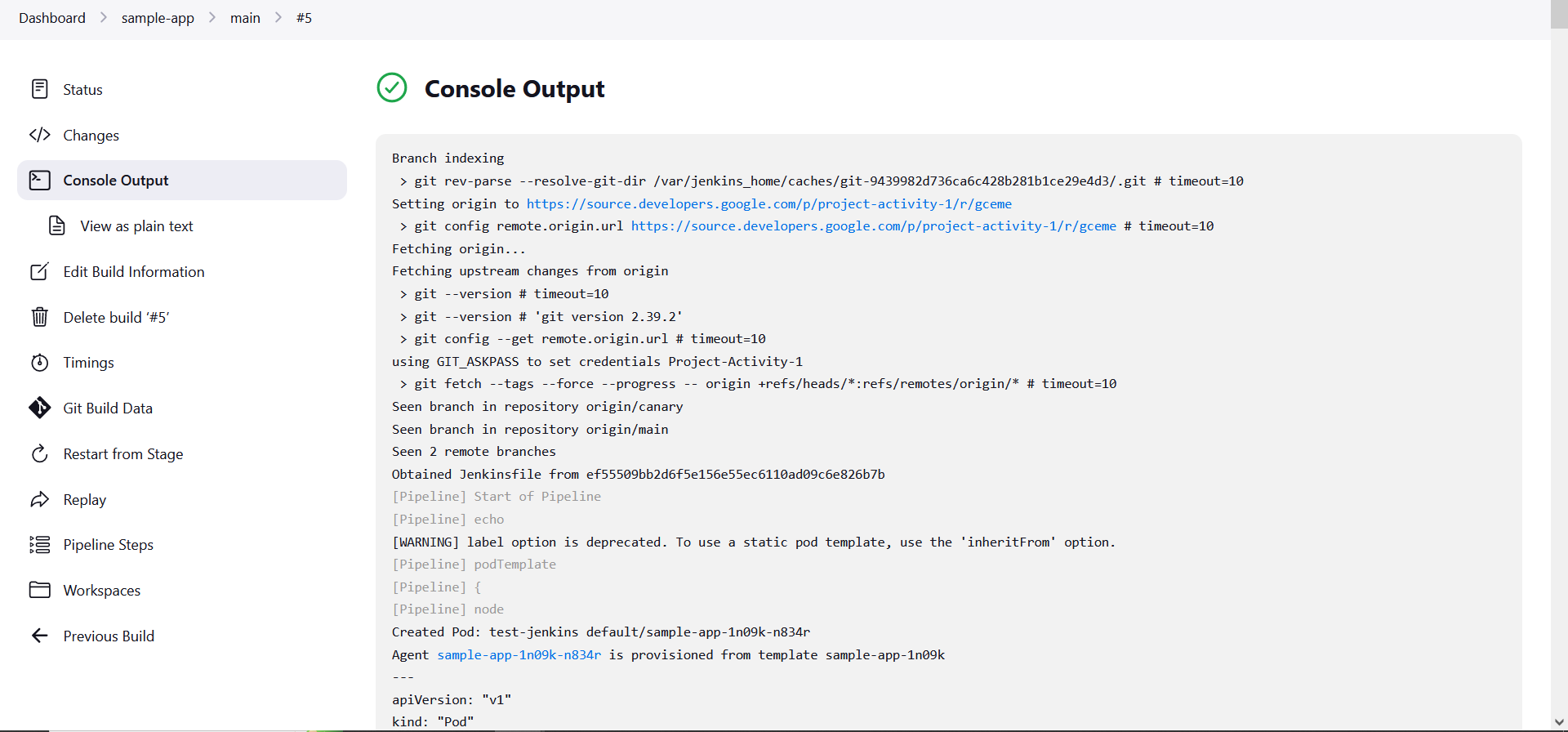


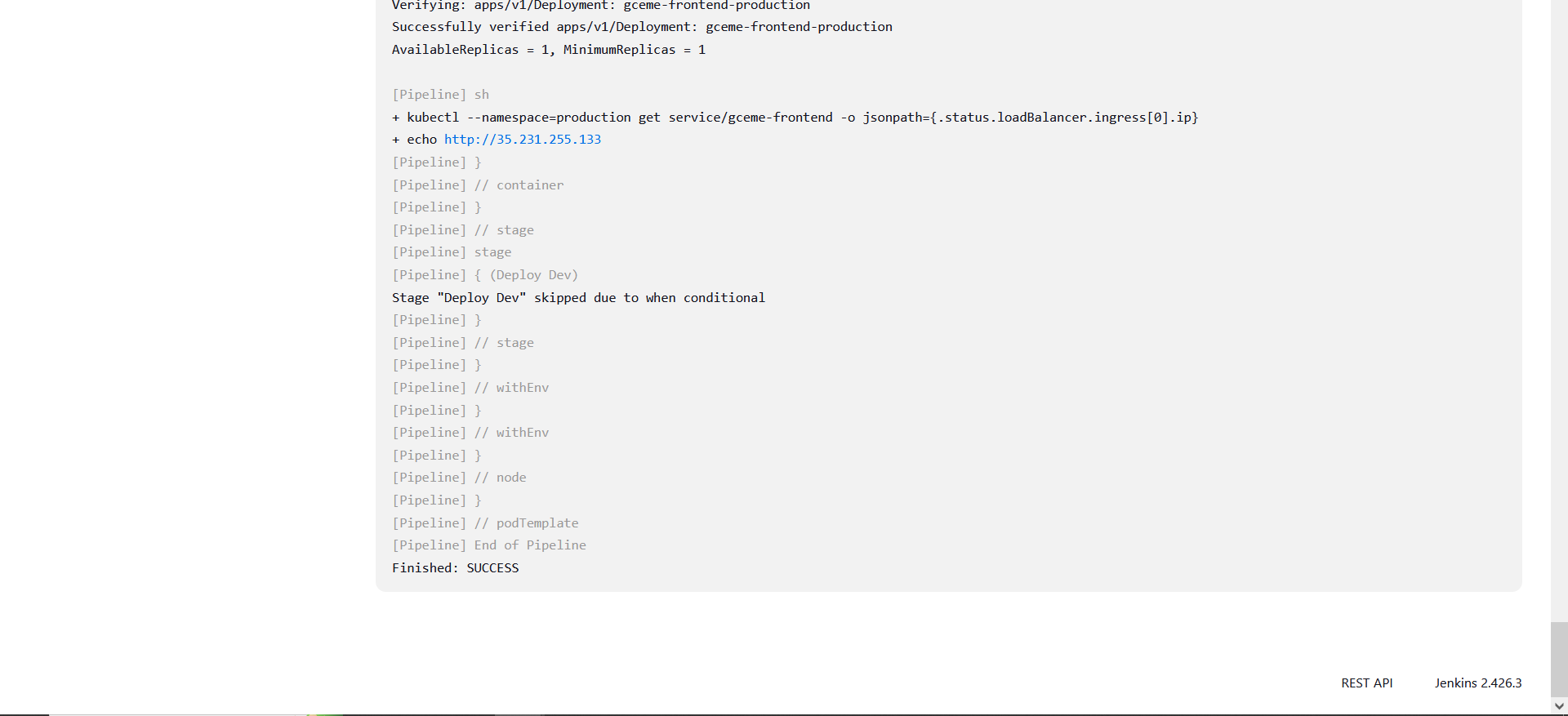
Merged with the main branch





Successfully merged the branch and the pipeline is working fine.





## Deploying a development branch

