Click on View all products

Create a Service account and provide permission

A screenshot of a computer program

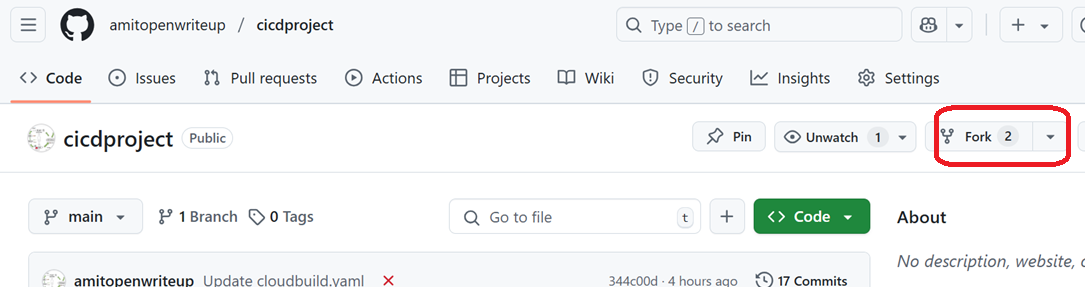
AI-generated content may be incorrect.

A screenshot of a computer

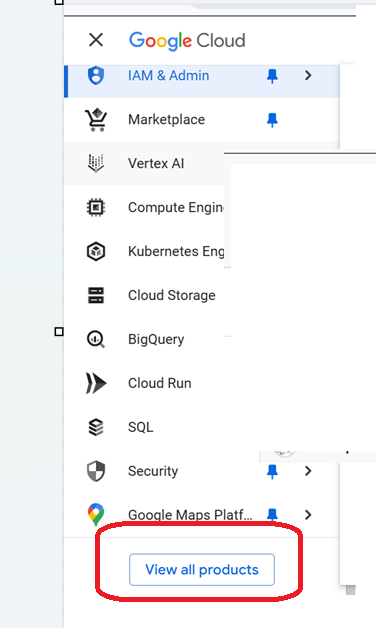
AI-generated content may be incorrect.

Go to my github and fork the project

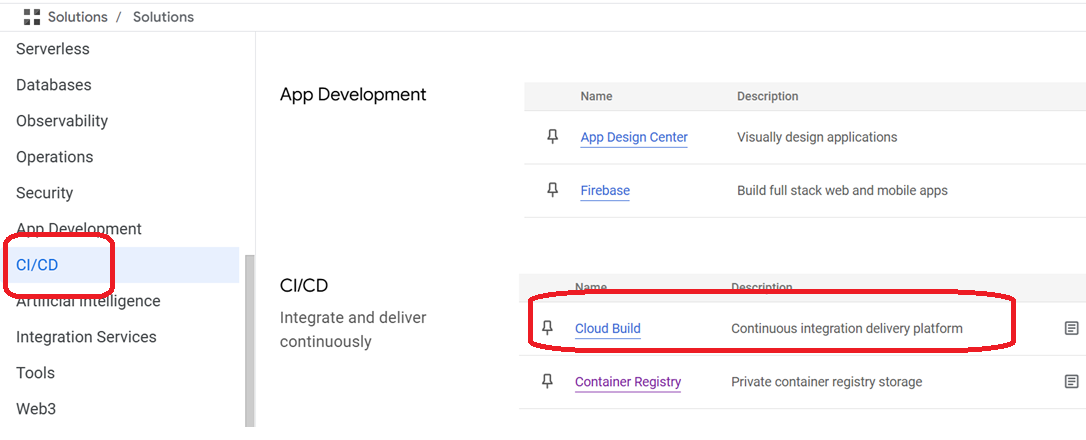
<https://github.com/amitopenwriteup/cicdproject>



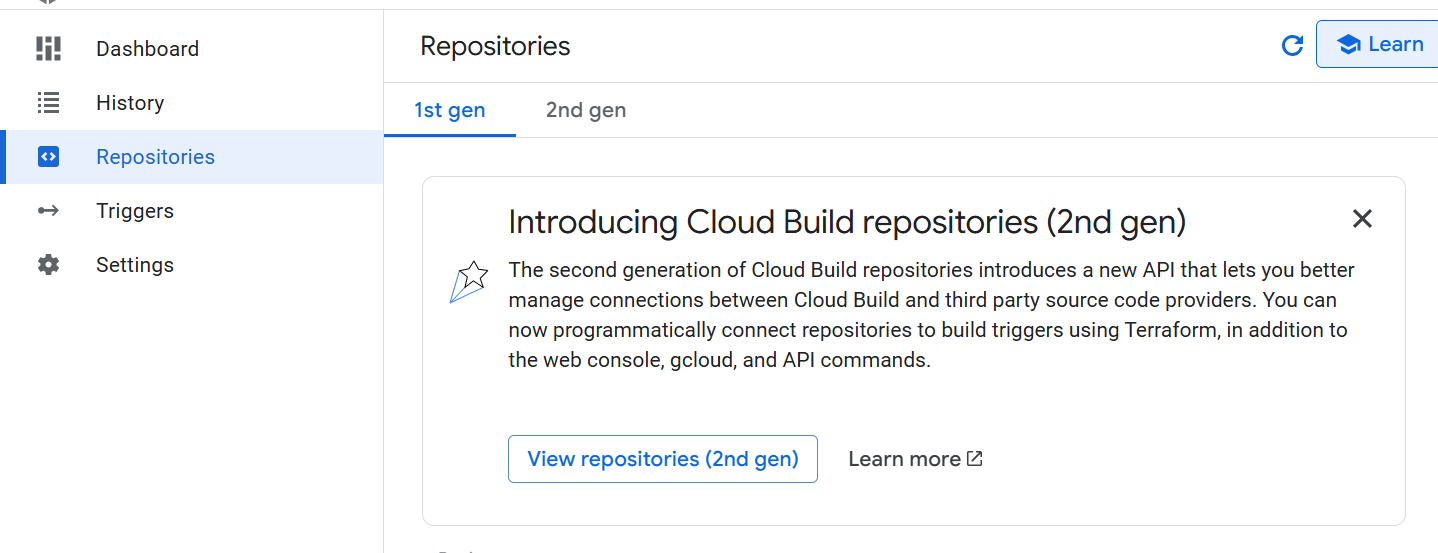
On GCP console, Click on View all products



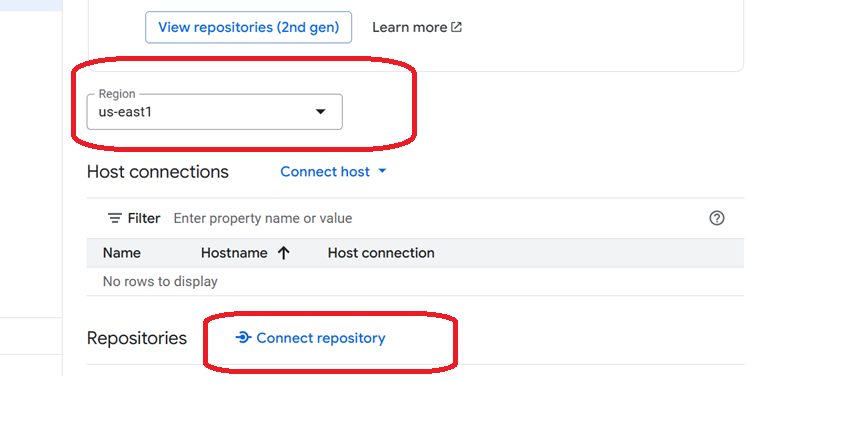
Go to CICD and Click on Cloud build



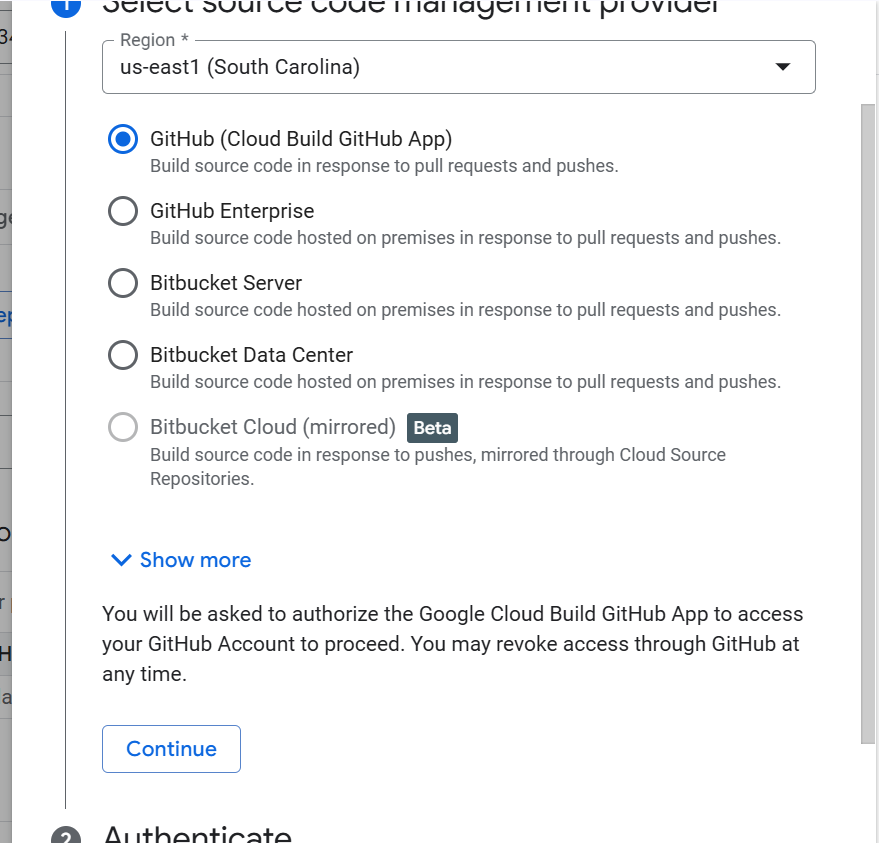
Click on 1st gen



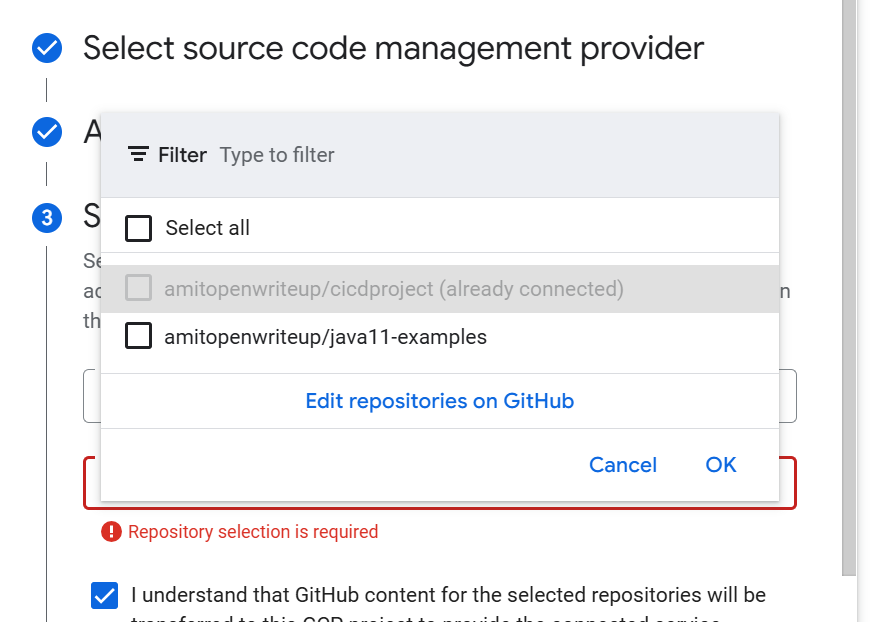
Select the region and click on connect repository



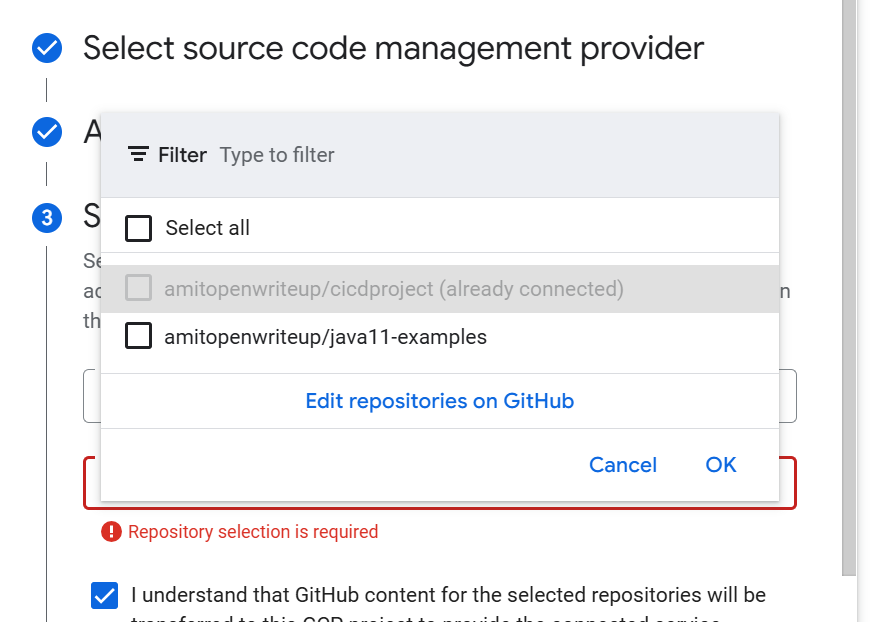
Select github and continue

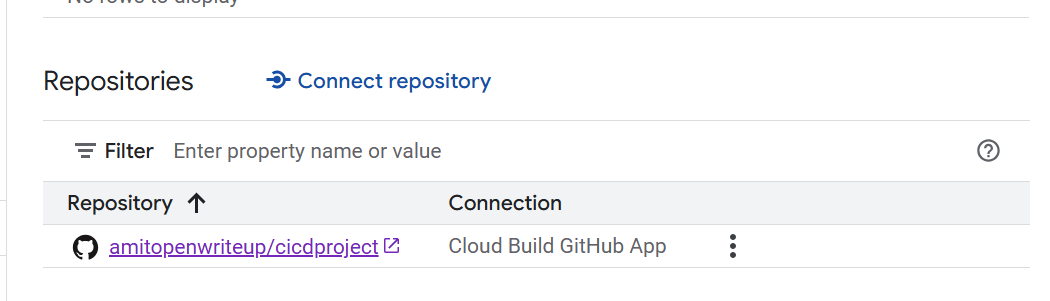


Authenticate and select your repository

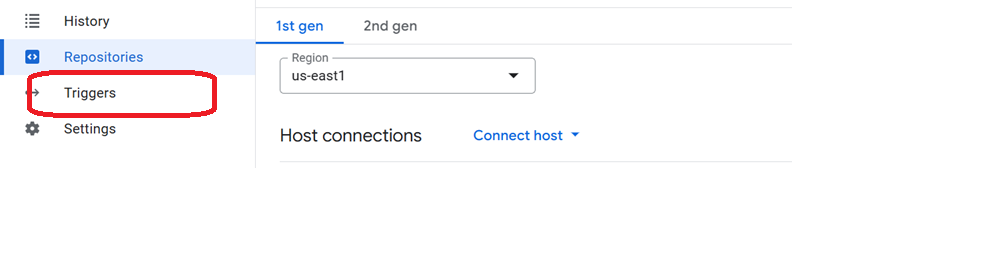


Click on connect

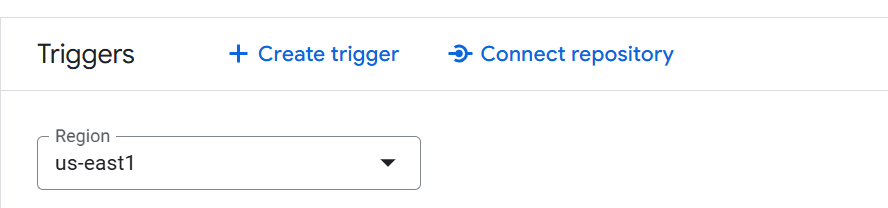




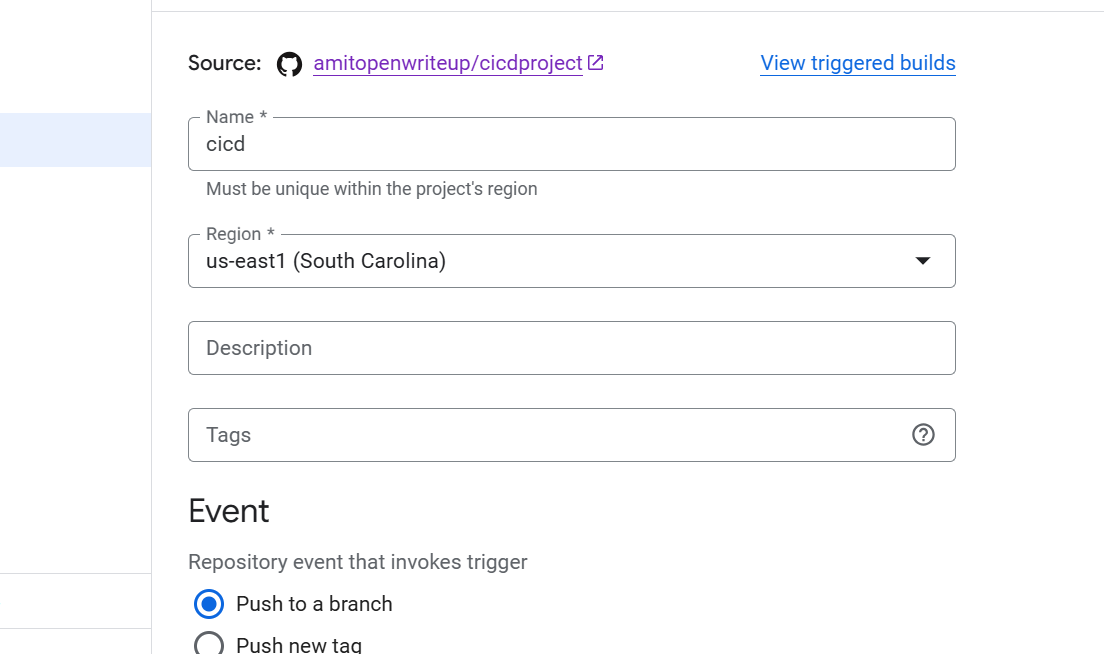
Click on Triggers



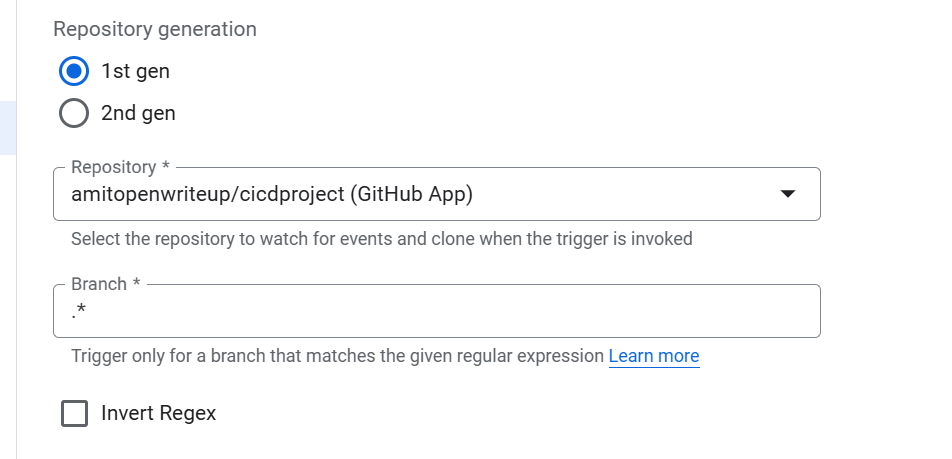
Click on Create Trigger

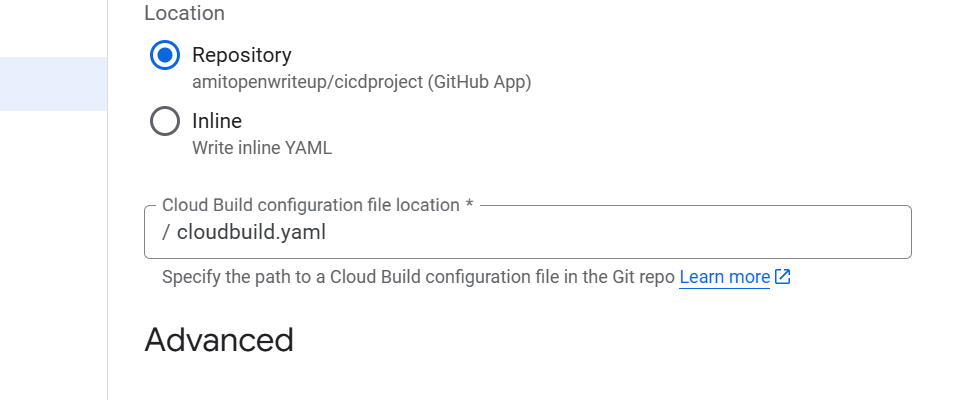


Provide name and event

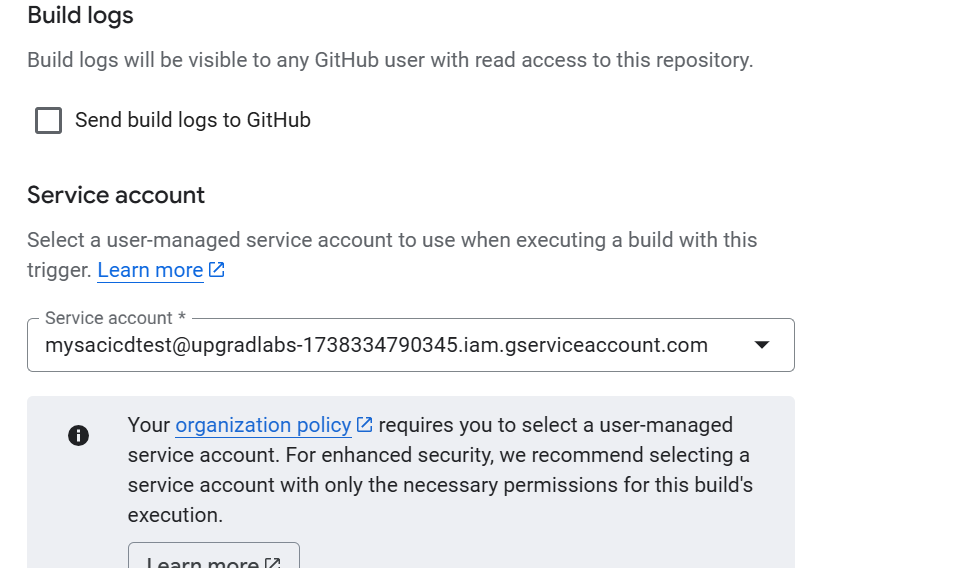


Select repo and branch

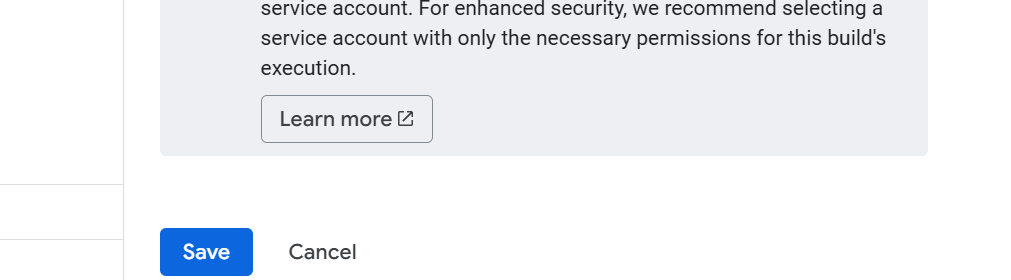




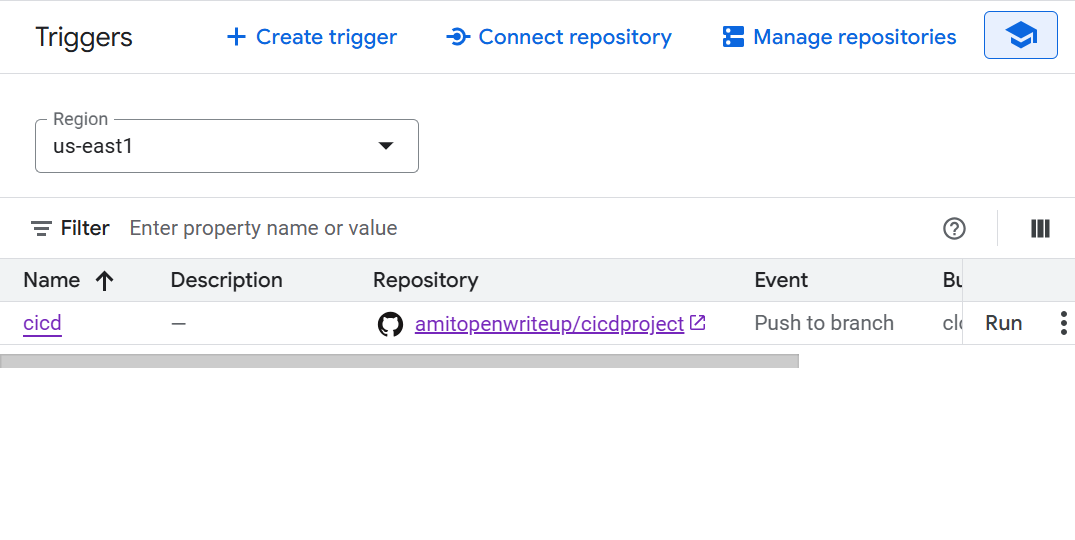
Select your service account



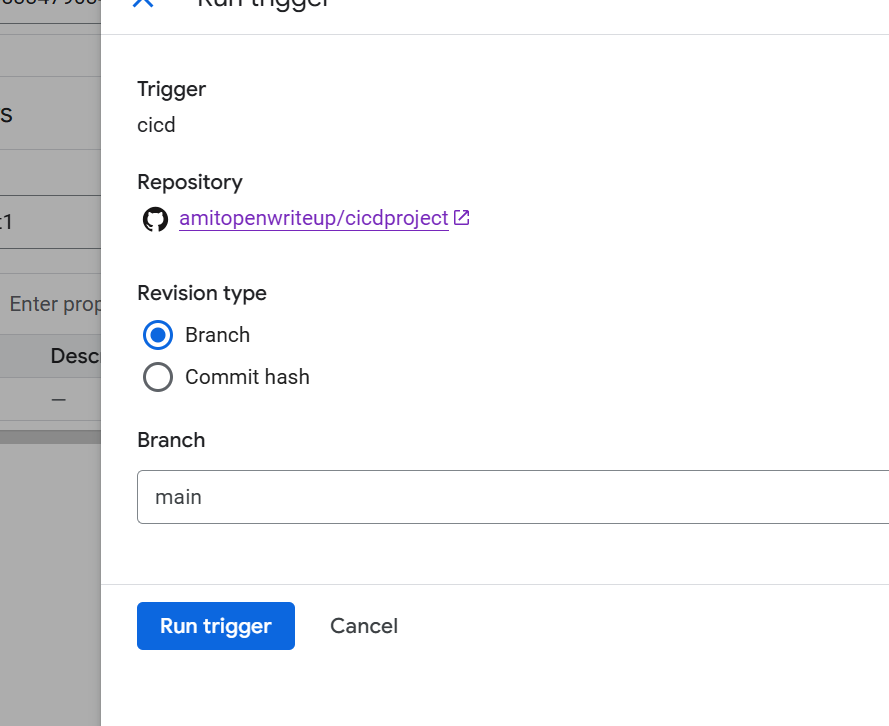
Click on save



Click on Run



Run trigger



steps:

# Step 1: Install dependencies in a virtual environment

- name: 'python:3.9'

entrypoint: 'sh'

args:

- '-c'

- |

python -m venv venv && \

. venv/bin/activate && \

pip install --upgrade pip && \

pip install -r requirements.txt

# Step 2: Run tests in the same environment

- name: 'python:3.9'

entrypoint: 'sh'

args:

- '-c'

- |

. venv/bin/activate && \

python -m unittest discover tests

# Step 3: Build Docker image

- name: 'gcr.io/cloud-builders/docker'

args:

- 'build'

- '-t'

- 'us-east1-docker.pkg.dev/upgradlabs-1738334790345/mydockerrgisty/myapp:$BUILD\_ID'

- '.'

# Step 4: Push Docker image to Artifact Registry

- name: 'gcr.io/cloud-builders/docker'

args:

- 'push'

- 'us-east1-docker.pkg.dev/upgradlabs-1738334790345/mydockerrgisty/myapp:$BUILD\_ID'

logsBucket: "gs://amit23compow"