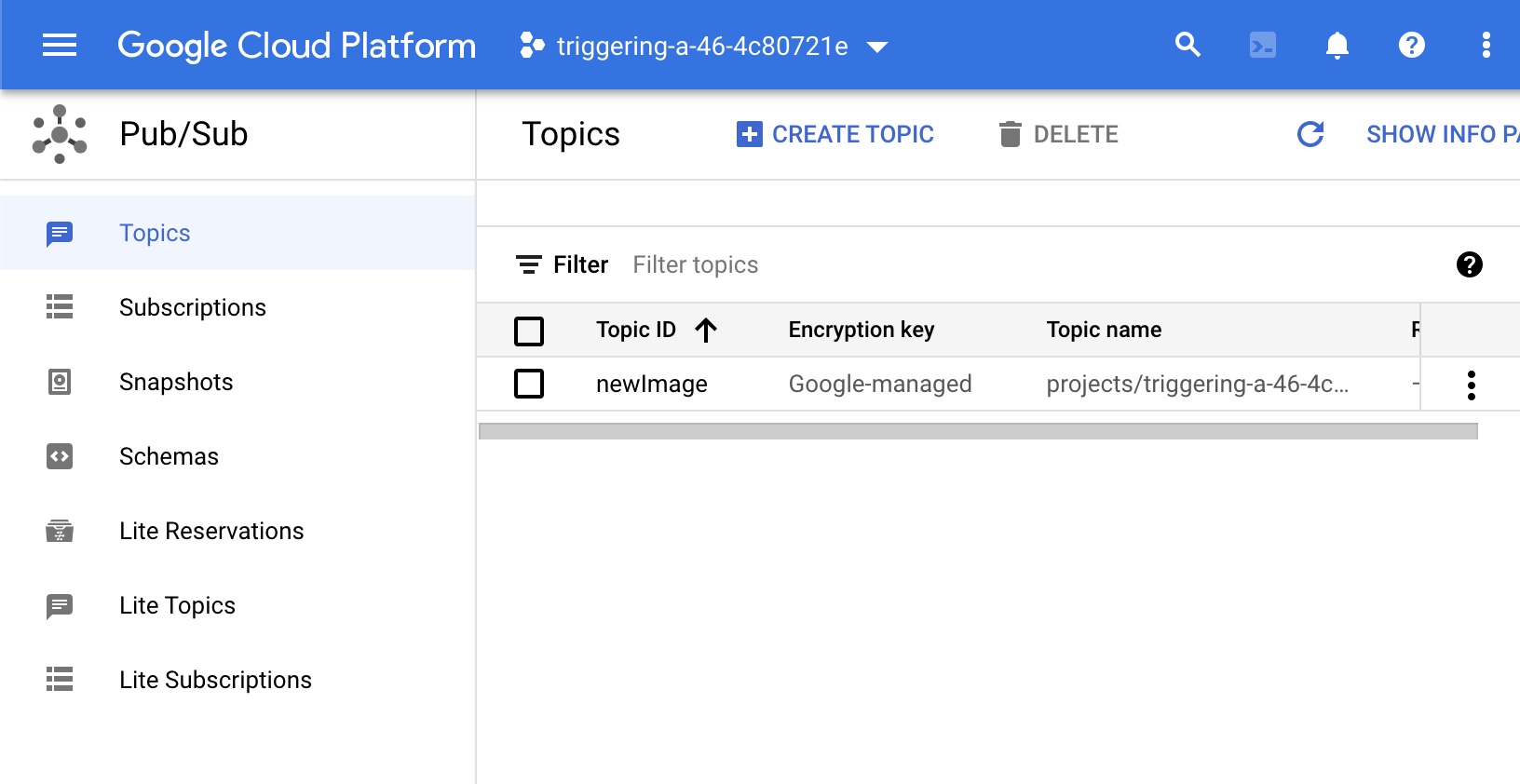
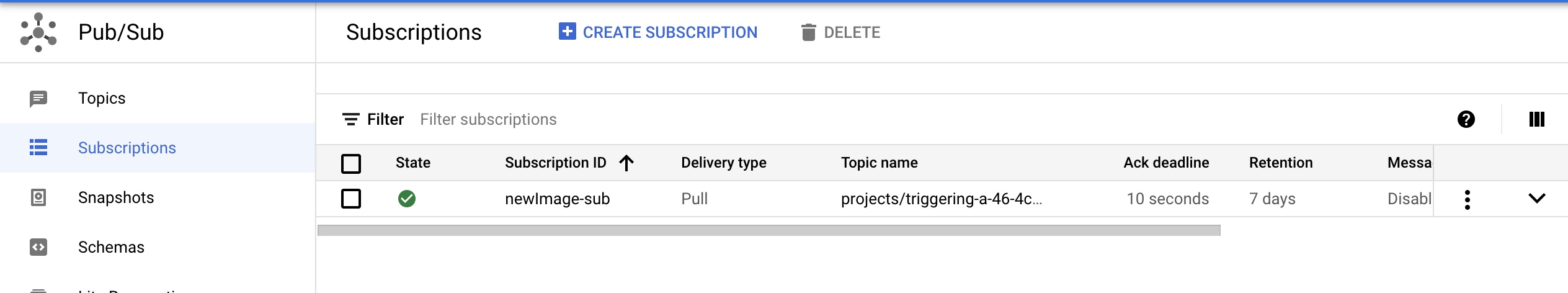
**Create thumbnail image by triggering Cloud Function when full image is uploaded into Cloud Storage**

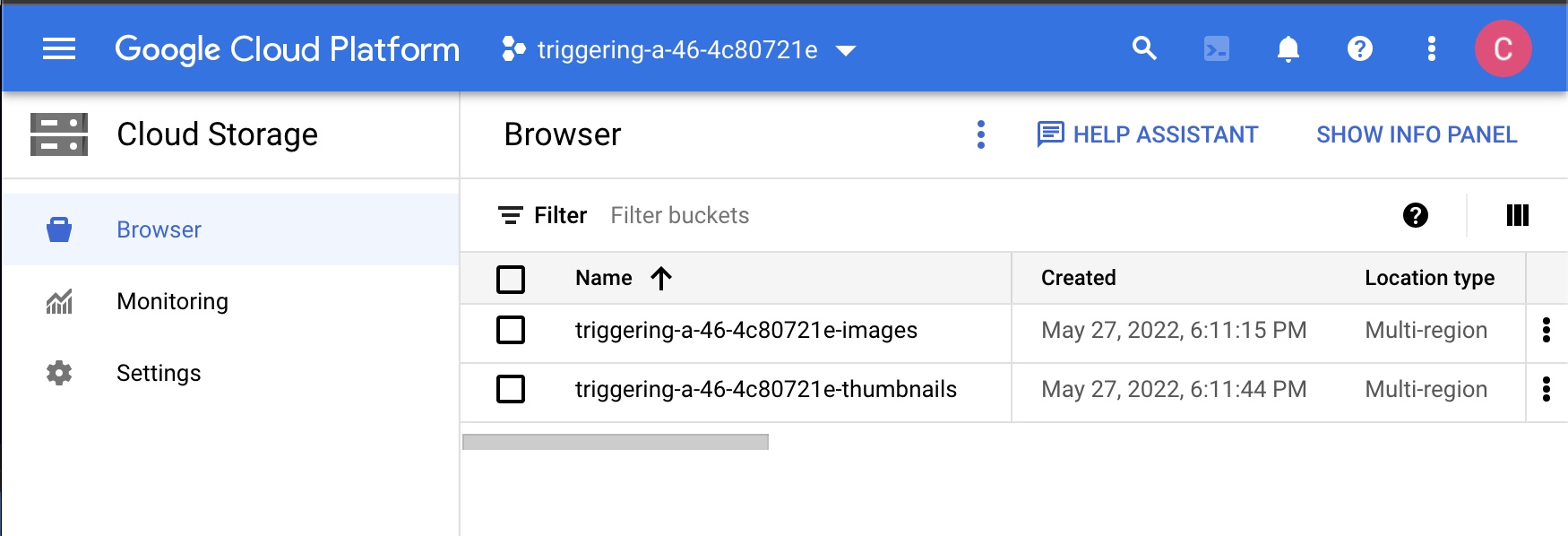
1. Create a topic



Default subscription will be created with Pull type (no need to be Push type)



1. Create two buckets (images and thumbnails)



1. Create a notification to the topic when an image is saved to the bucket

gsutil notification create -f json -e OBJECT\_FINALIZE -t projects/triggering-a-46-4c80721e/topics/newImage gs://triggering-a-46-4c80721e-images

Created notification config projects/\_/buckets/triggering-a-46-4c80721e-images/notificationConfigs/1

1. Create a folder gen\_thumnail
2. Add main.py (replace thumbnail bucket) and requirements.txt in the folder
3. Deploy a cloud function that will be trigger by the topic message

gcloud functions deploy gen\_thumbnail --runtime python37 --trigger-topic newImage

1. Upload an image to image bucket.
2. New thumbnail image is created in 2nd bucket.