

Perform Foundational Infrastructure Tasks in Google Cloud: Challenge Lab

Before performing the tasks, ensure that you have followed the procedure to setup your Google Cloud Lab Environment

Task: 1 - Create a Bucket

1. Go to Navigation Bar -> Cloud Storage -> Browser -> CREATE Bucket -> copy/paste your bucket name
2. Click on CREATE bucket

Task: 2 - Create Pub/Sub

1. Go to Navigation Bar -> Pub/Sub -> Topics -> CREATE TOPIC -> copy/paste your topic name
2. Click on CREATE topic

Task: 3 - Create the Thumbnail Cloud Function

1. Go to search bar and type cloud function -> CLICK on it
2. CREATE function -> copy/paste your function name
Change the region to us-east1
3. Go to Trigger
Trigger type -> change it to cloud storage
Event type -> Finalize/Create
Bucket -> Select the bucket you already made
4. Save it
5. Copy/paste thumbnail to Entry Point
6. Change runtime to Node .js 14
7. Copy/paste the index.js file given
8. REPLACE and make the changes given in the lab
9. Copy/paste the packet.json file given in the lab

10. Click on deploy


11. Once deployed wait for the cloud function to be created.

12. Meanwhile download the image given

13. go to cloud storage -> browser -> go to the bucket you created -> go to upload files -> upload the image you downloaded from your system

NOTE! Ensure that your image is either jpg/png

Follow these steps to rename your image to jpg extension

- Click on the 3 dots 
- Rename from jpeg to jpg

14. REFRESH page

Task: 4 – Remove the previous cloud engineer

1. Go to navigation bar -> IAM/admin -> IAM
2. Go to the username whose access must be removed
3. Click on the edit icon (pencil icon)
4. Click on delete
5. Save