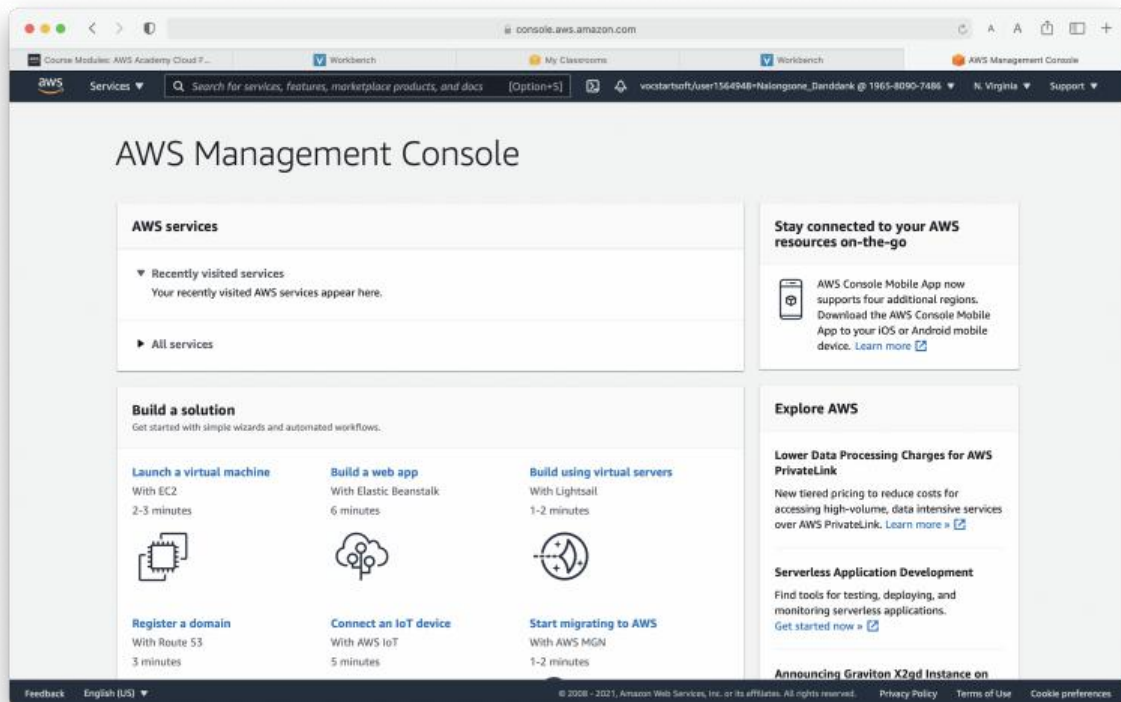


Lab #1 : Getting Started with AWS and GCP

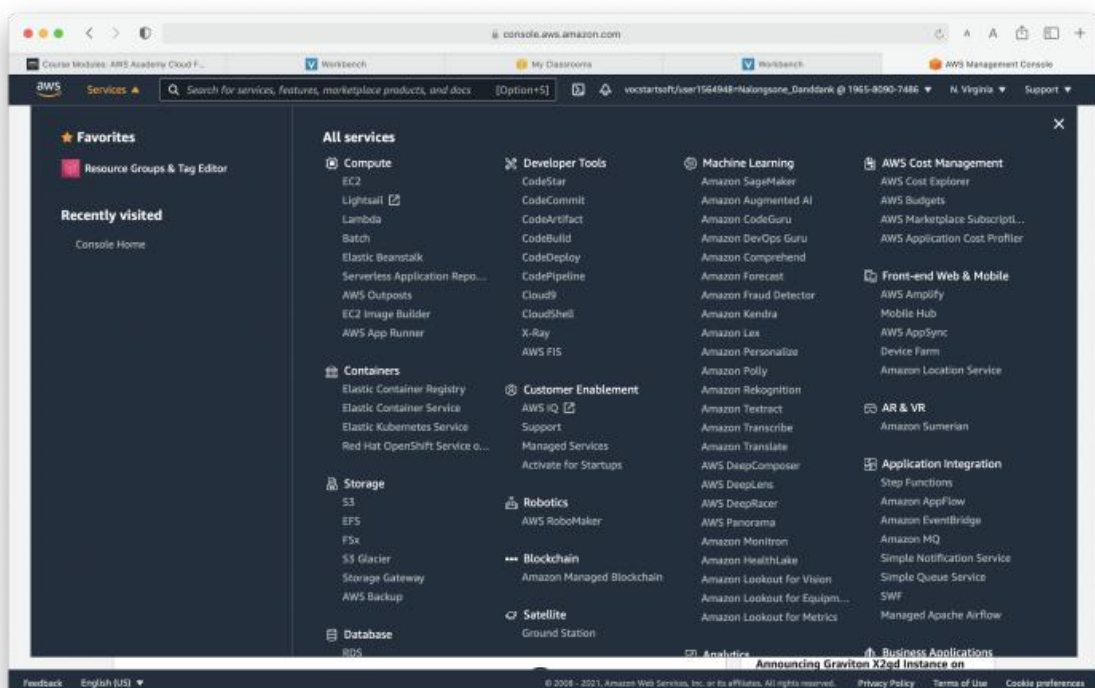
Part 1: Getting Started with AWS.

Exercise 1: Getting started with AWS Management Console – AWS Educate.

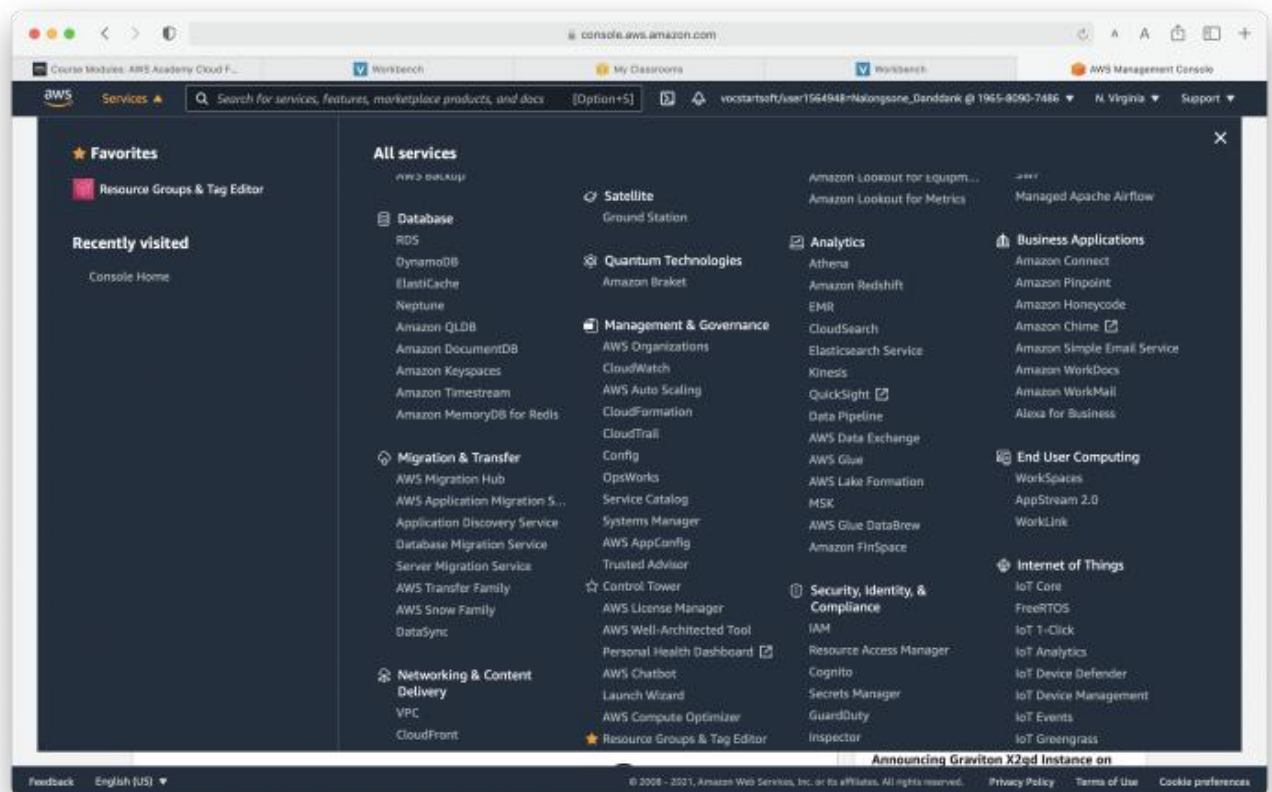
Lab report screen-shot #1:



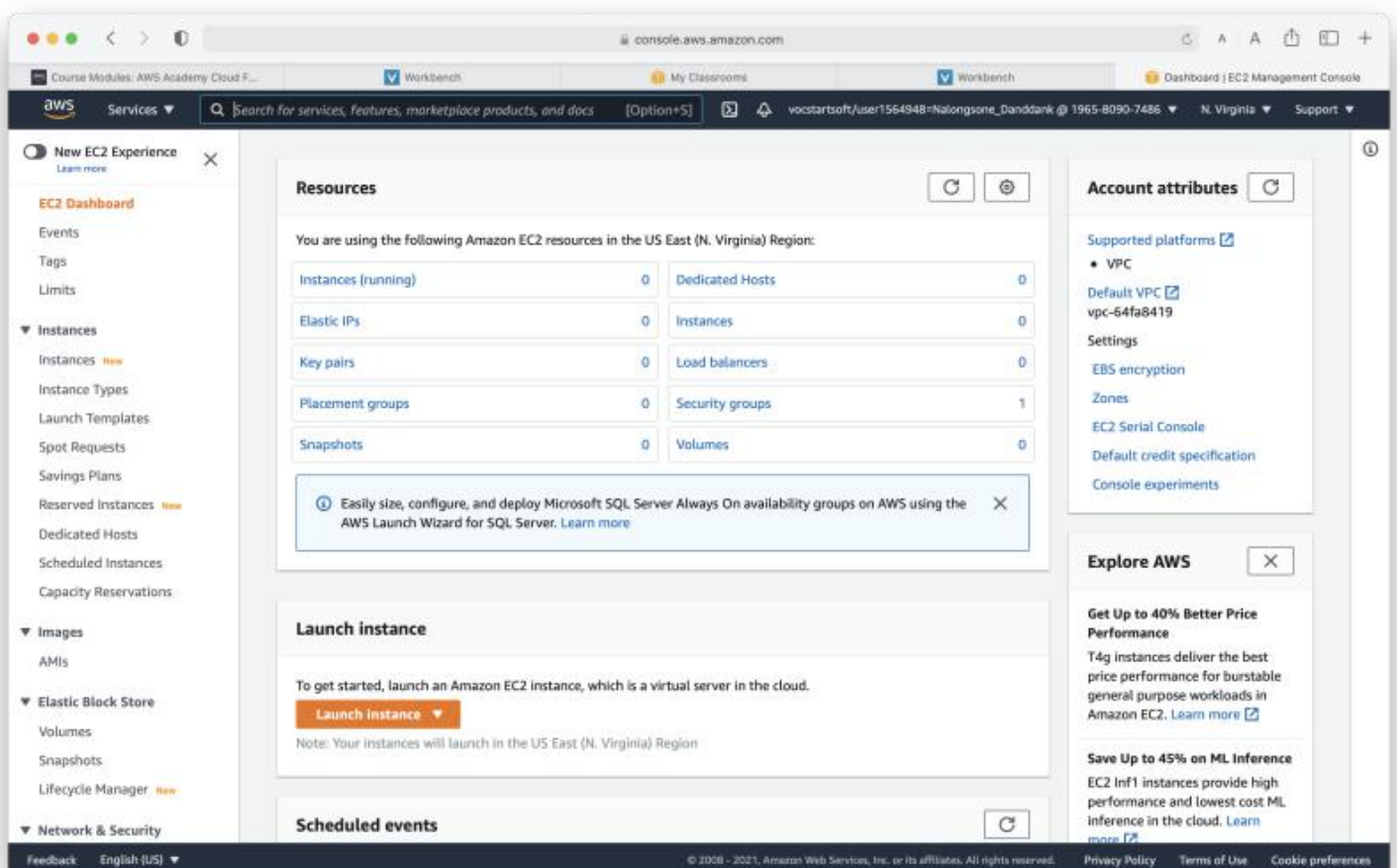
Lab report screen-shot #2:



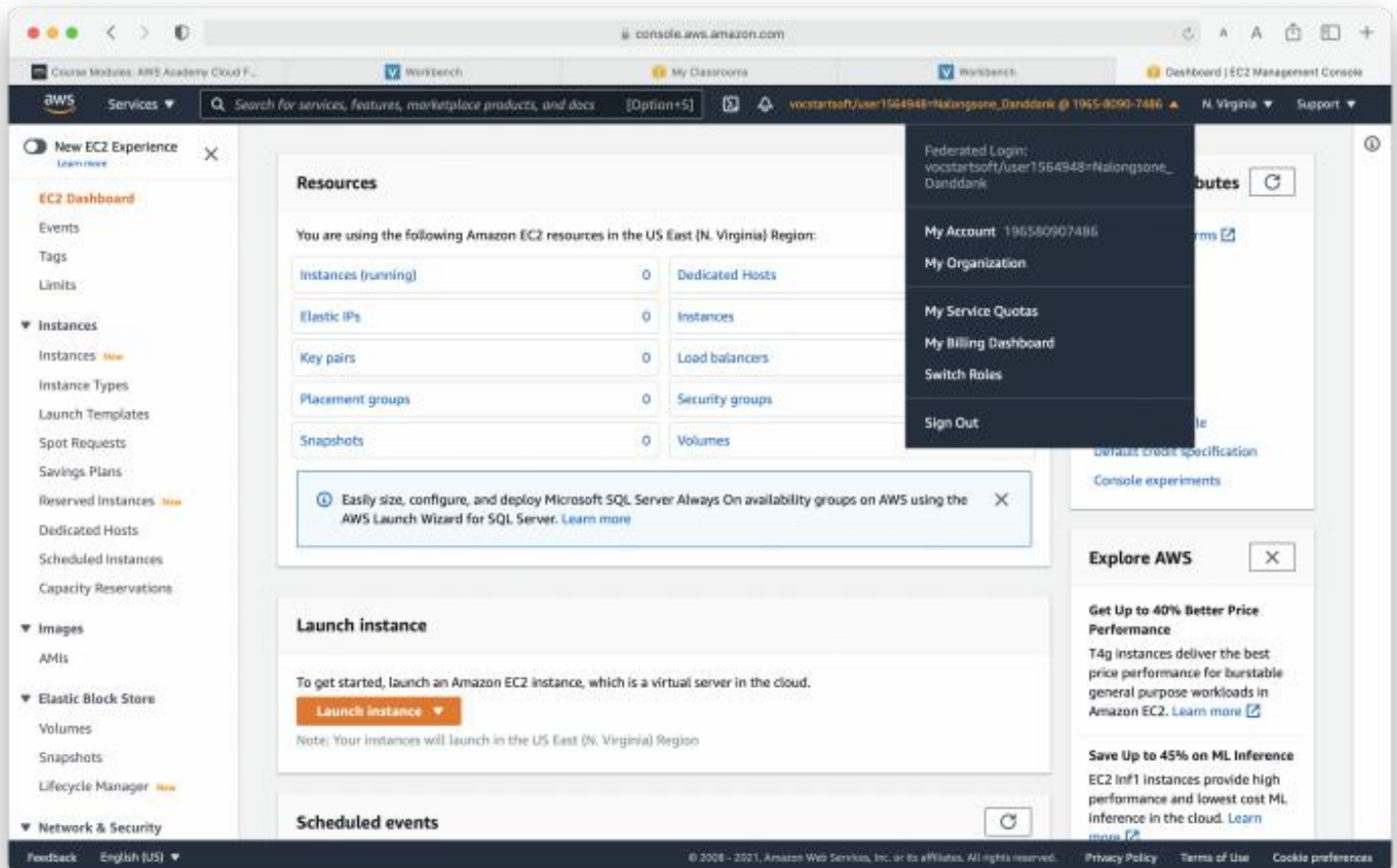
Lab report screen-shot #3:



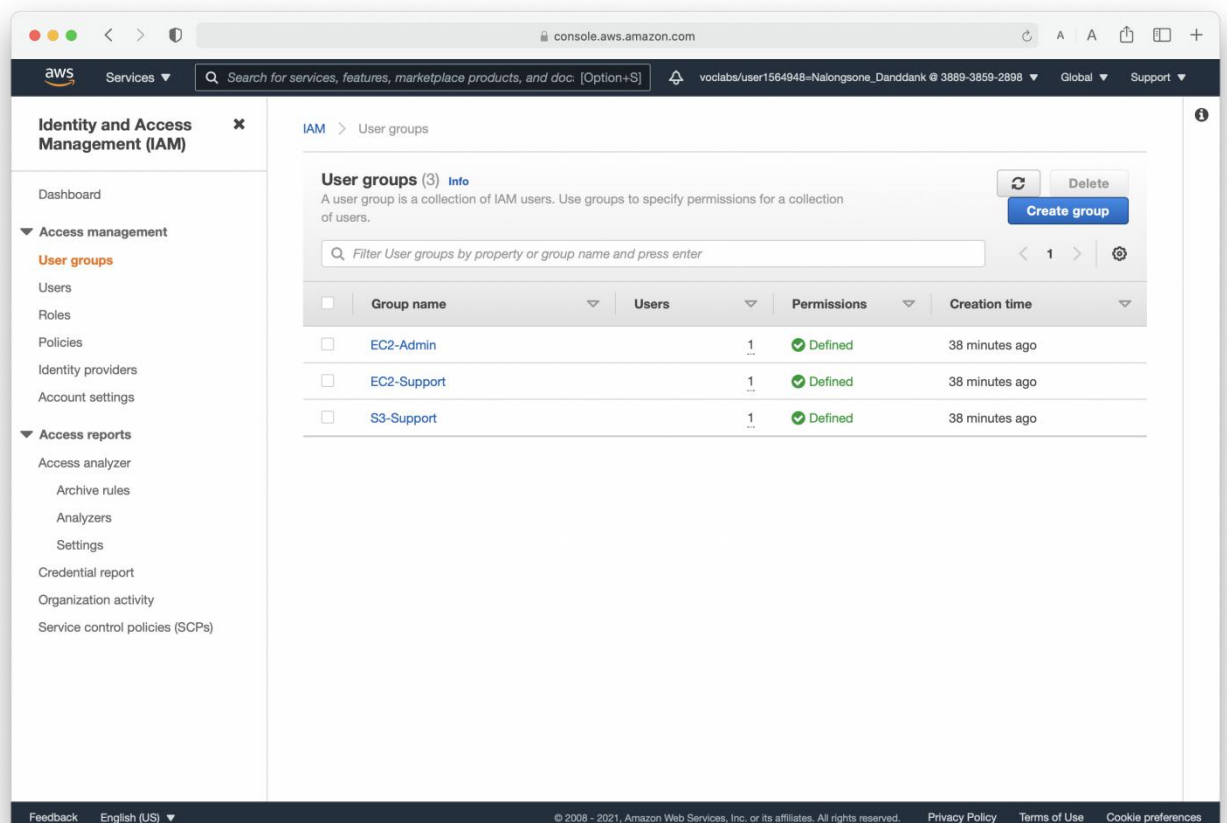
Lab report screen-shot #4:



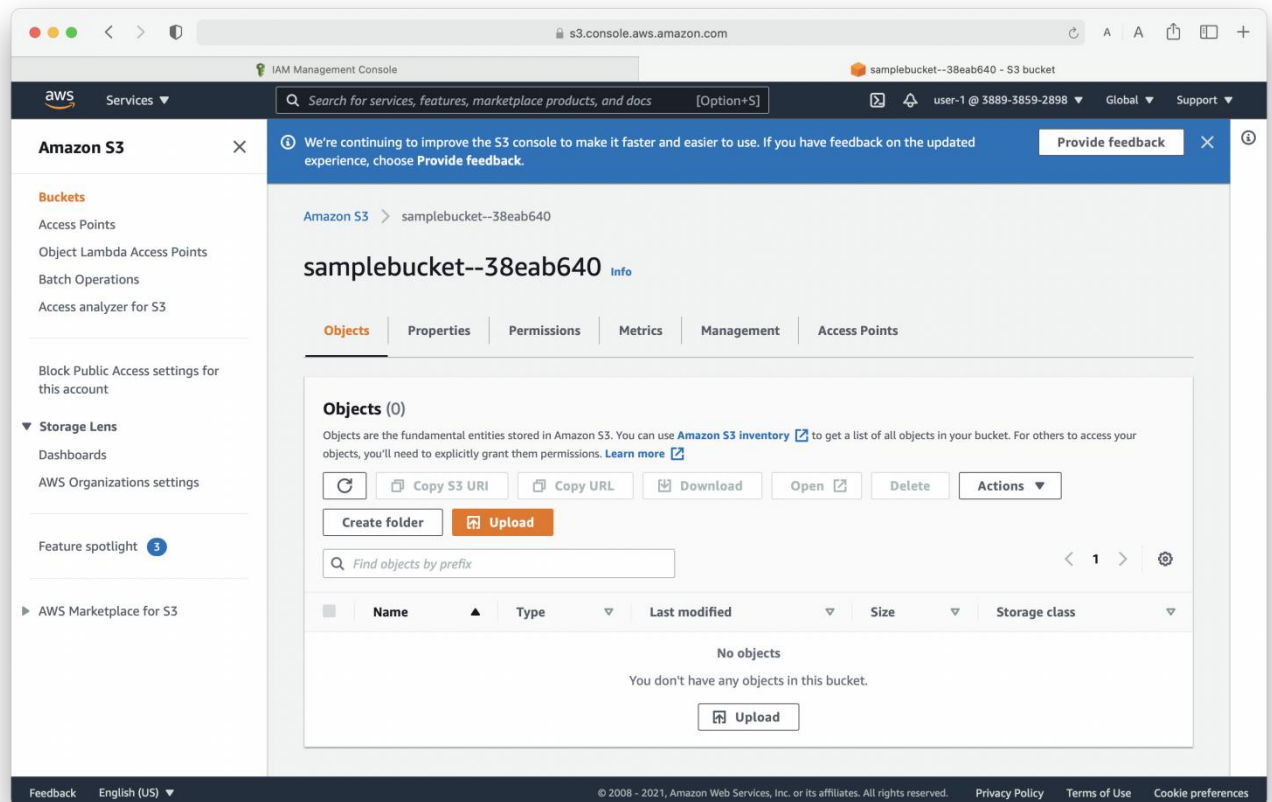
Lab report screen-shot #5:



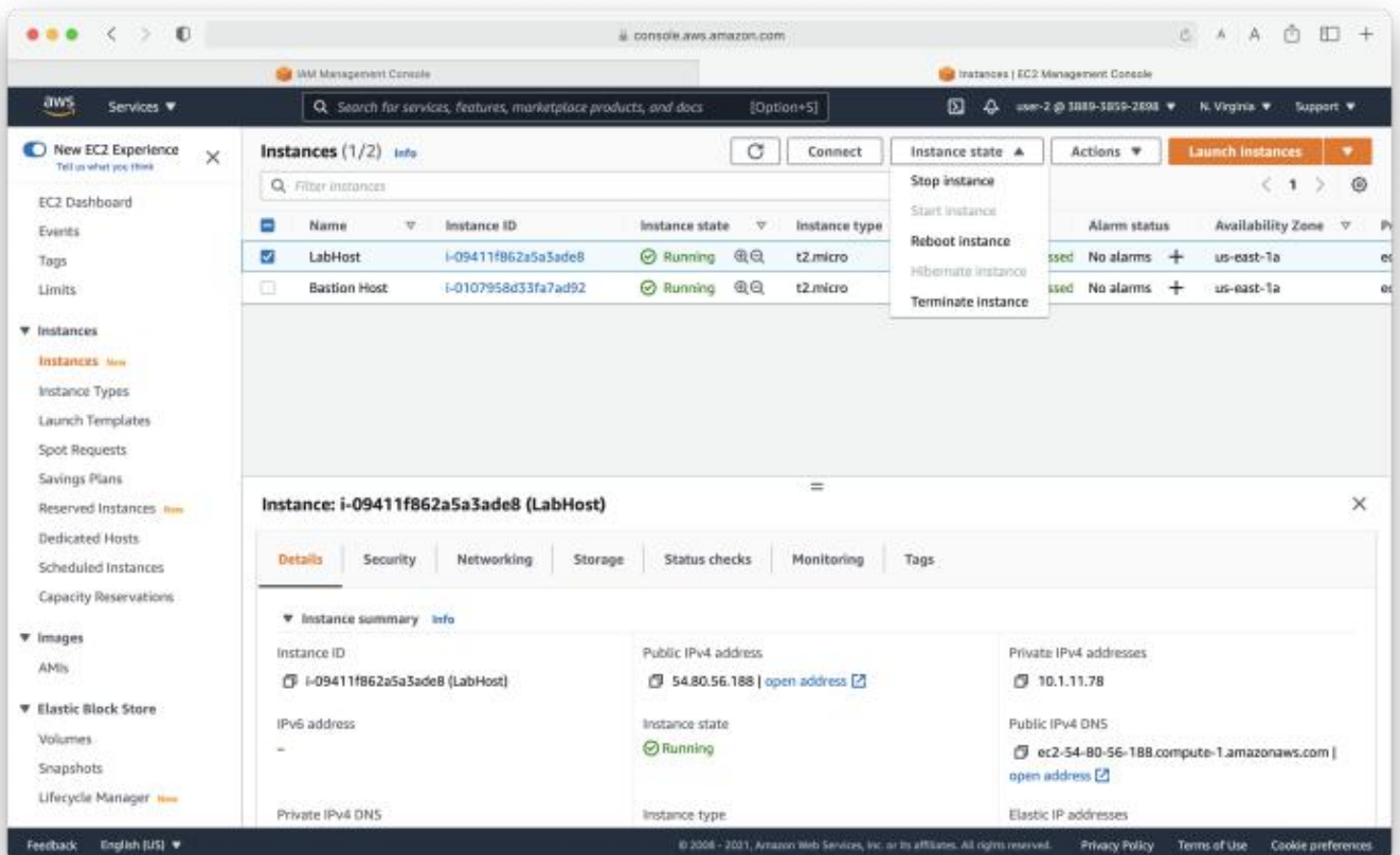
Exercise 2: Educate.Complete AWS Academy Course Lab 1 Lab report screen-shot #6:



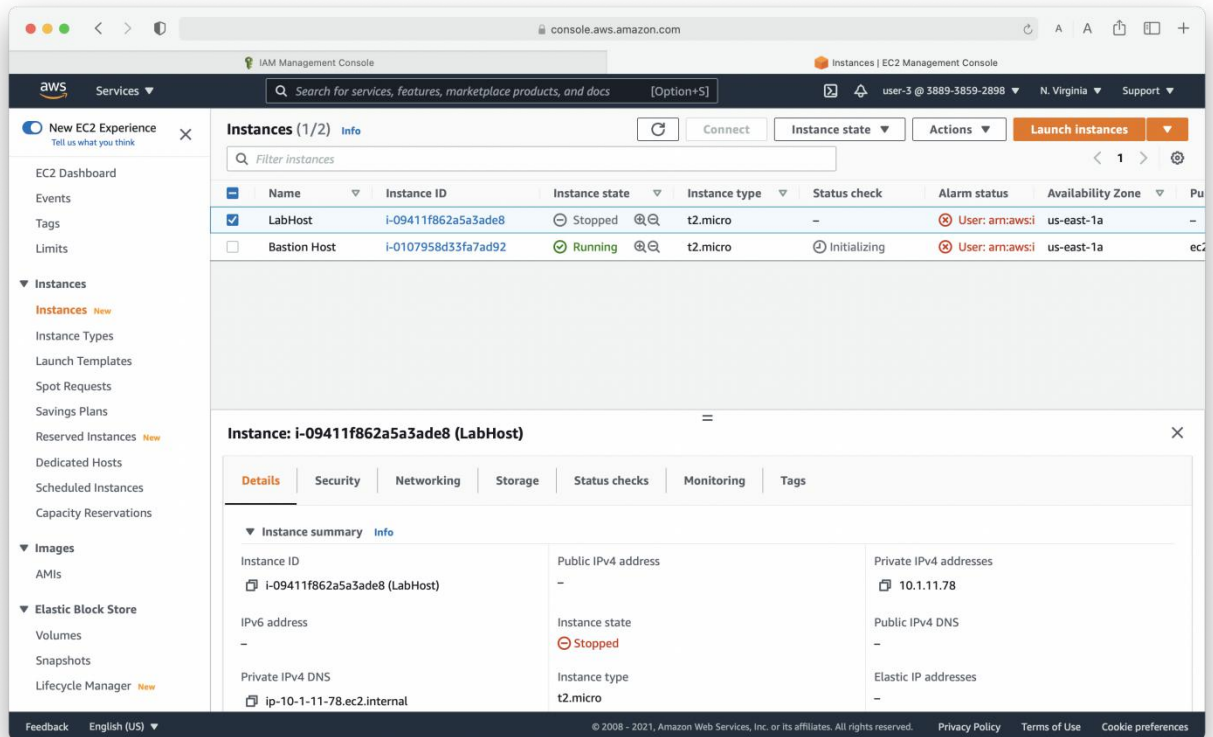
Lab report screen-shot #7:



Lab report screen-shot #8:



Lab report screen-shot #9:

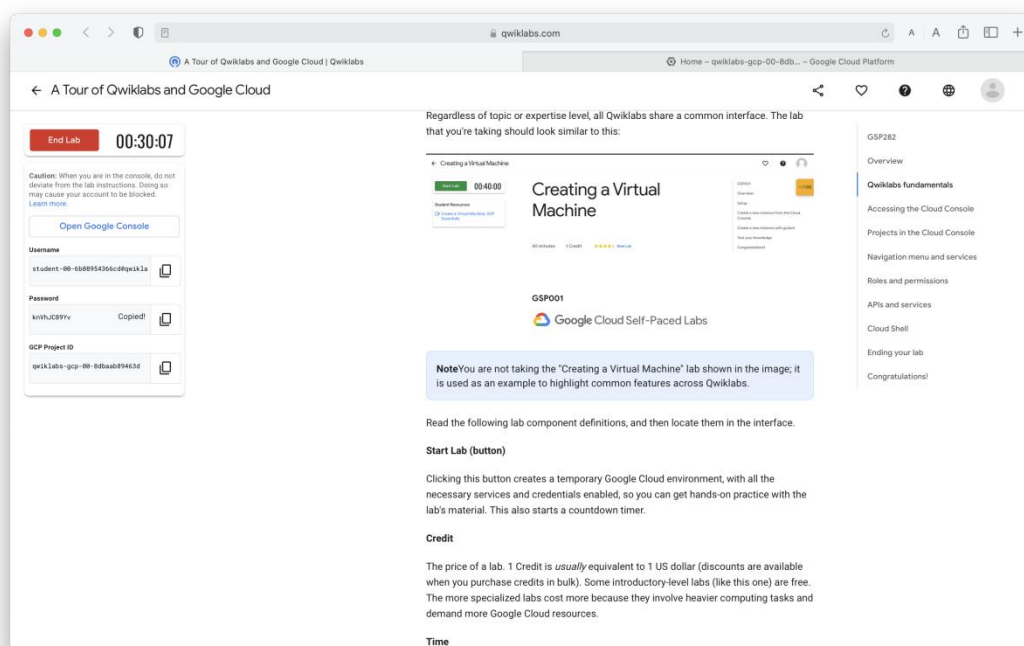


Part 2: Getting Started with GCP.

Exercise 3: Qwiklab 1: A tour of Qwiklabs and Google Cloud.

Lab report screen-shot #10:

Project ID: qwiklabs-gcp-00-8dbaab89463d



Lab report screen-shot #11:

End Lab

00:34:34

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more](#)

[Open Google Console](#)

Username
student-9b-4b89f5436cd89e1k1a

Password
knVhUC89Vr Copied!

GCP Project ID
qwklabs-gcp-8b-8d4a8b9463d

Answer the following multiple choice questions to reinforce your understanding of the concepts covered so far.

An organizing entity for anything you build with Google Cloud.

☐ Cloud Storage bucket

☐ Password

☐ Username

☒ Google Cloud Project

Submit

Qwiklabs Resources is shared (read only) with all Qwiklabs users, which means that you cannot delete or modify it.

☐ False

☒ True

Submit

Qwiklabs Resources is the project where you run all of your lab steps.

☐ True

☒ False

Submit

GSP282

Overview

Qwiklabs fundamentals

Accessing the Cloud Console

Projects in the Cloud Console

Navigation menu and services

Roles and permissions

APIs and services

Cloud Shell

Ending your lab

Congratulations!

End Lab

00:39:18

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more](#)

[Open Google Console](#)

Username
student-9b-4b89f5436cd89e1k1a

Password
knVhUC89Vr Copied!

GCP Project ID
qwklabs-gcp-8b-8d4a8b9463d

Test your understanding

Answer the following multiple choice questions to reinforce your understanding of the concepts we've covered so far:

This builds a temporary environment in Google Cloud.

☐ Score

☐ Time

☒ Start lab (button)

☐ Credit

Submit

When the timer reaches 00:00:00, you will lose access to your temporary Google Cloud environment.

☒ True

☐ False

Submit

Some labs have tracking, which scores your completion of hands-on lab activities.

☐ False

☒ True

Submit

In order to receive completion credit for a lab that has tracking you must complete the required hands-on lab activities.

☒ True

☐ False

Submit

GSP282

Overview

Qwiklabs fundamentals

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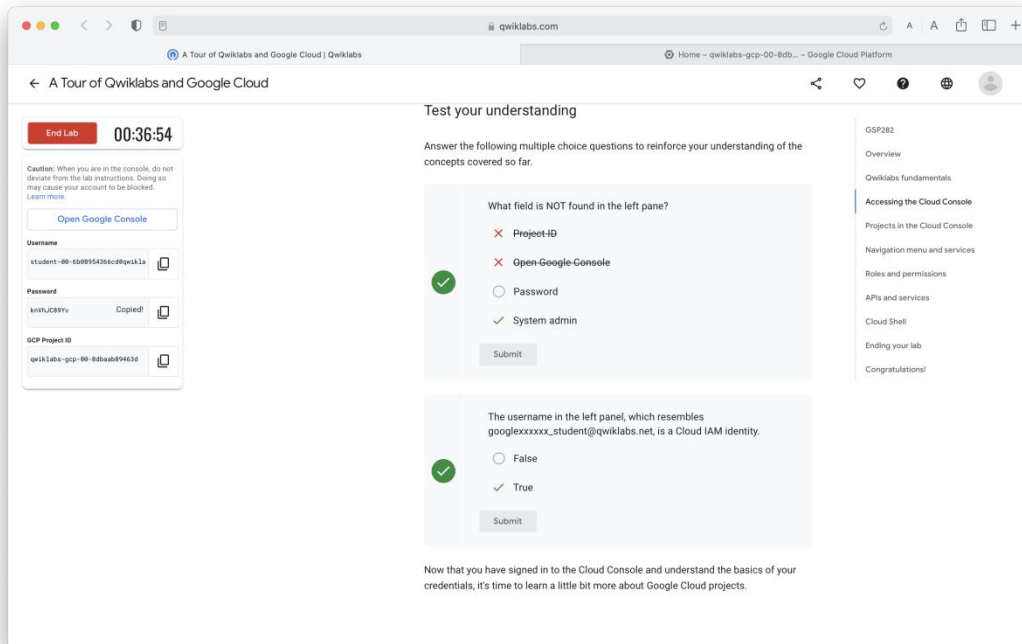
APIs and services

Cloud Shell

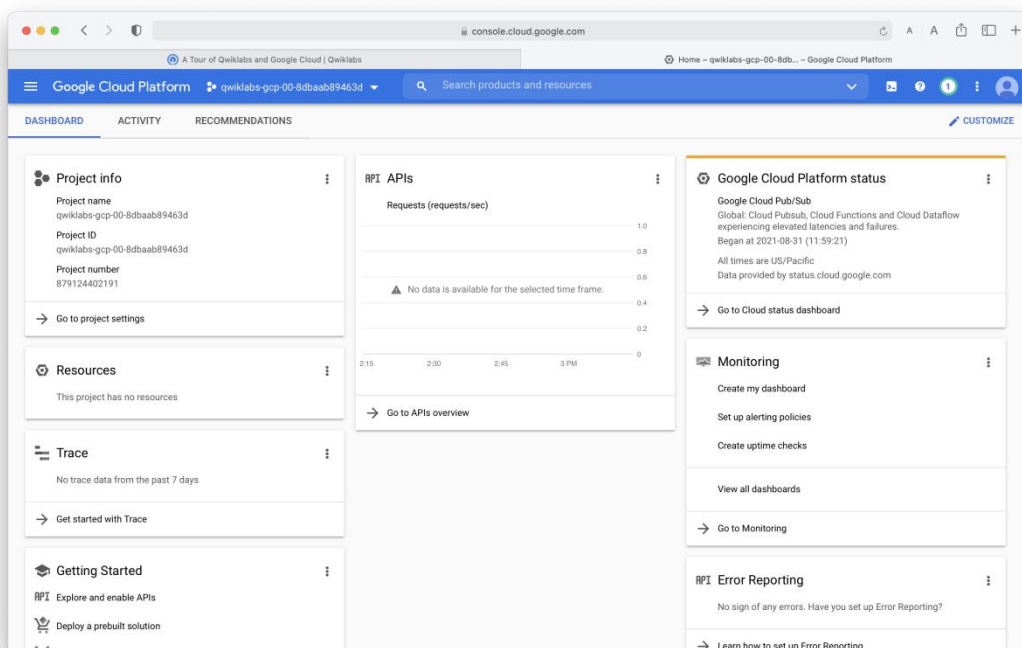
Ending your lab

Congratulations!

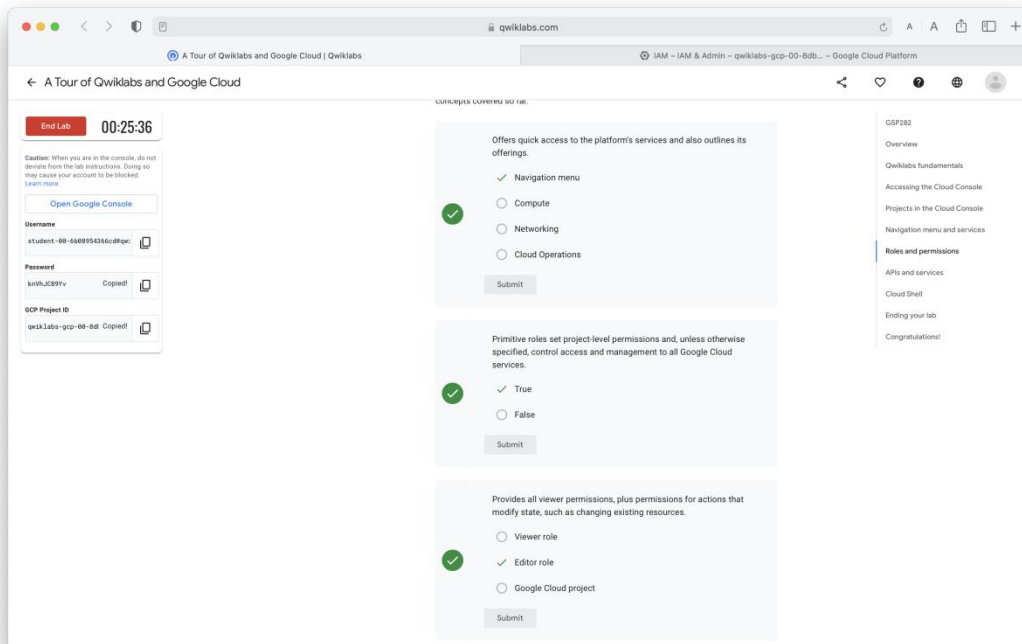
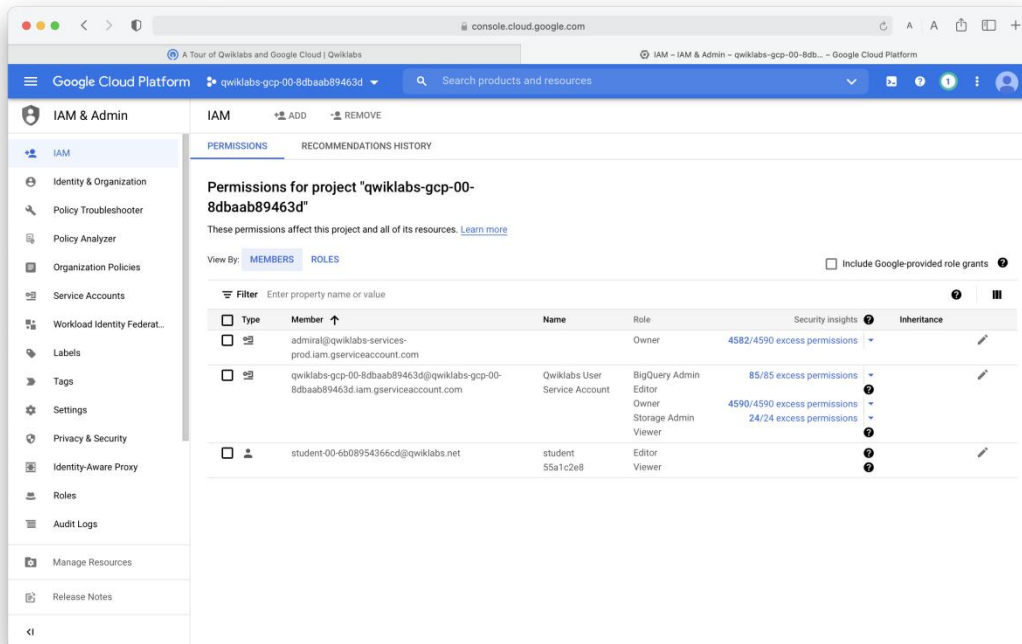
Accessing the Cloud Console



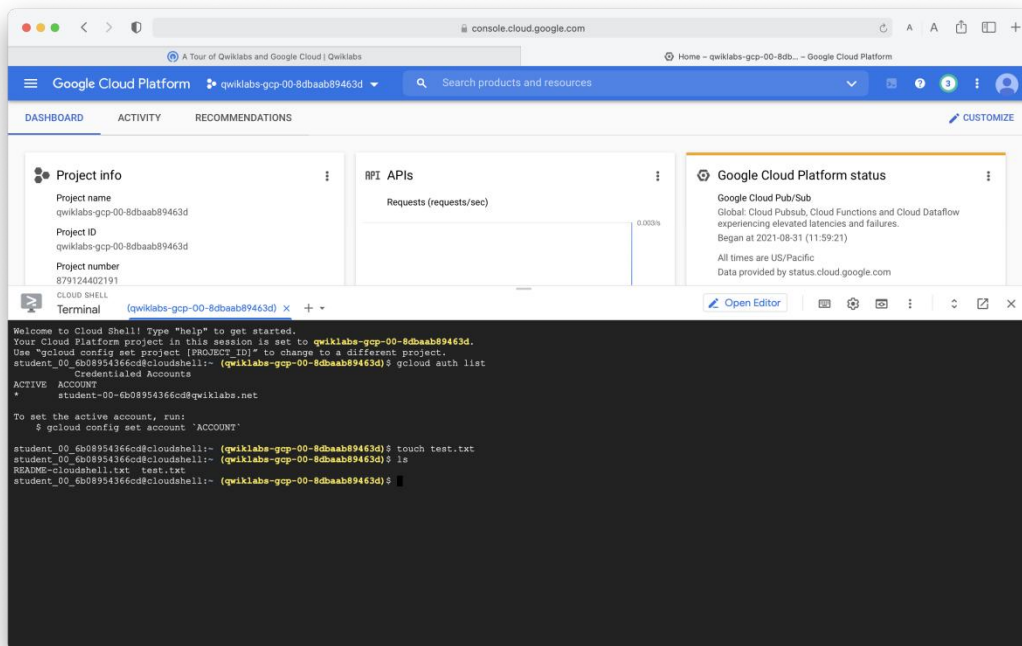
Lab report screen-shot #12:



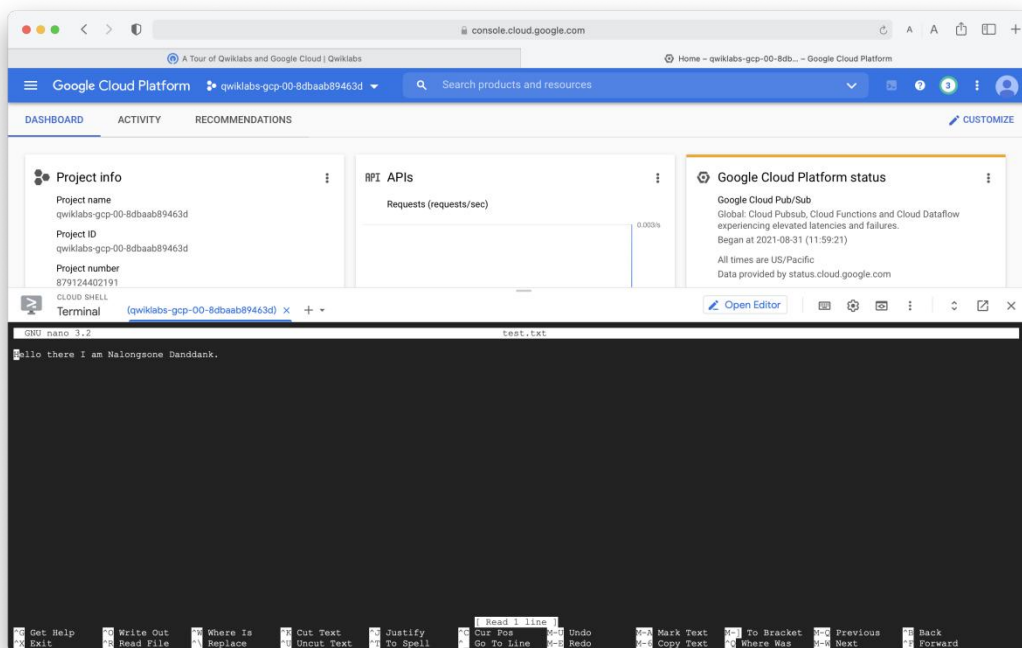
Lab report screen-shot #13:



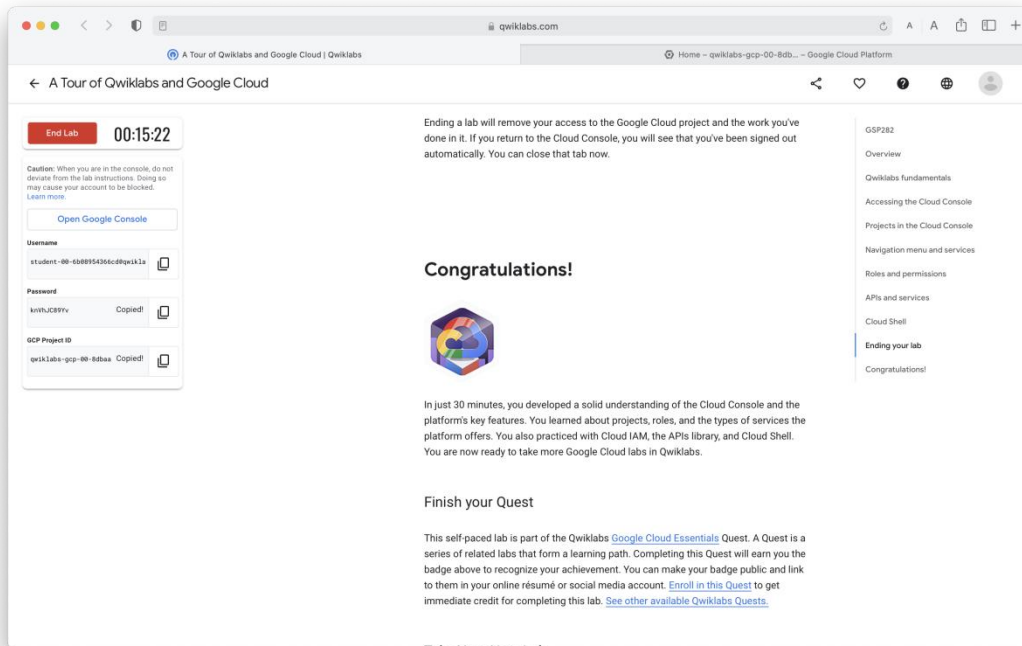
Lab report screen-shot #14:



Lab report screen-shot #15:

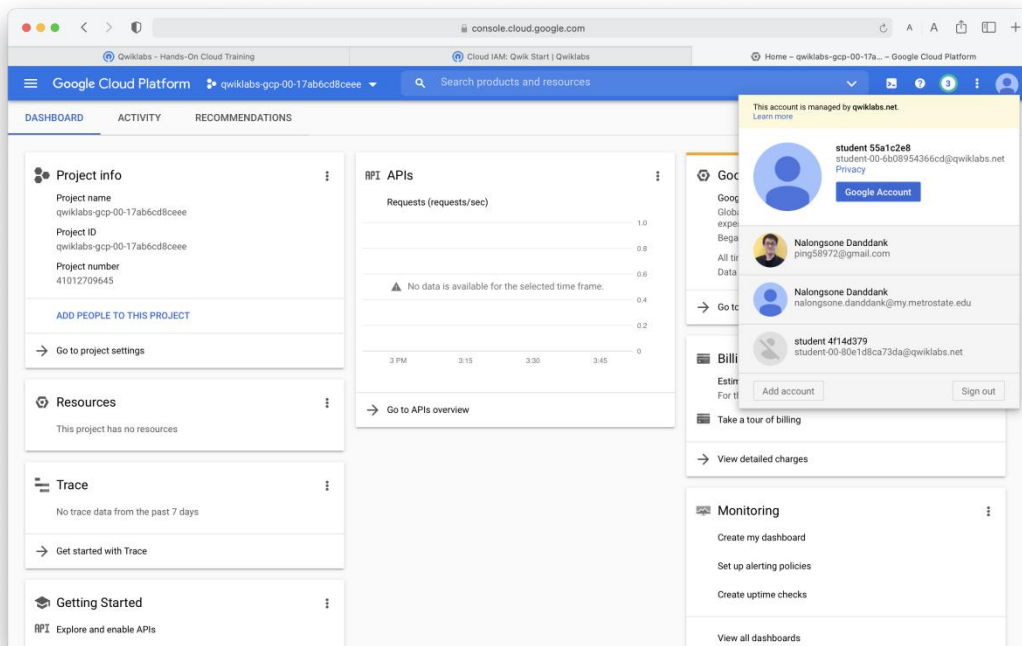


Lab report screen-shot #16:

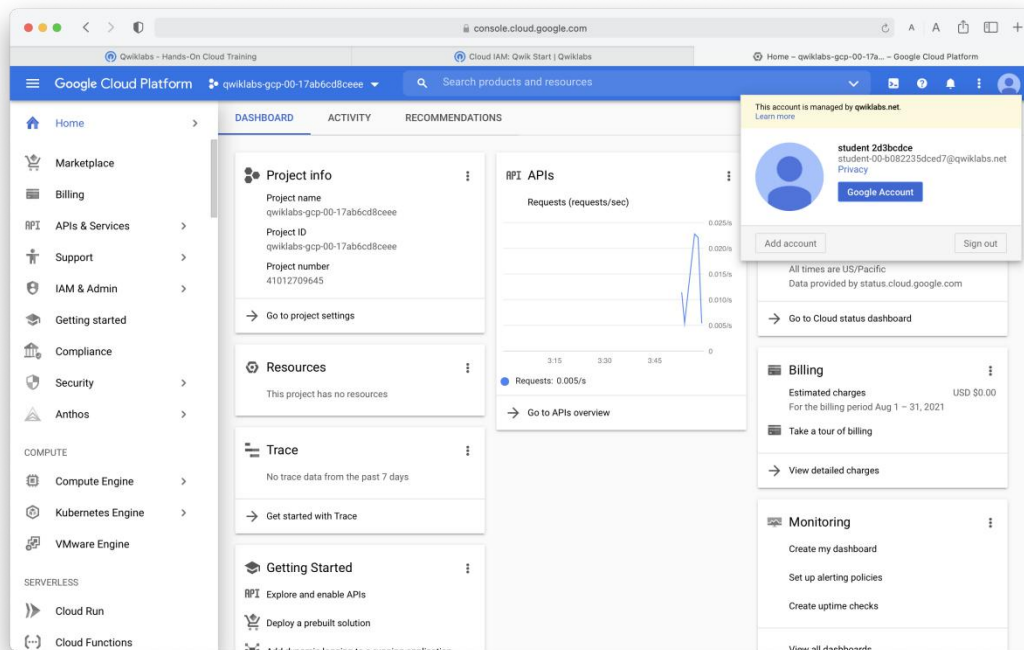


Exercise 4: Qwiklab Lab 2: Cloud IAM: Qwik Start

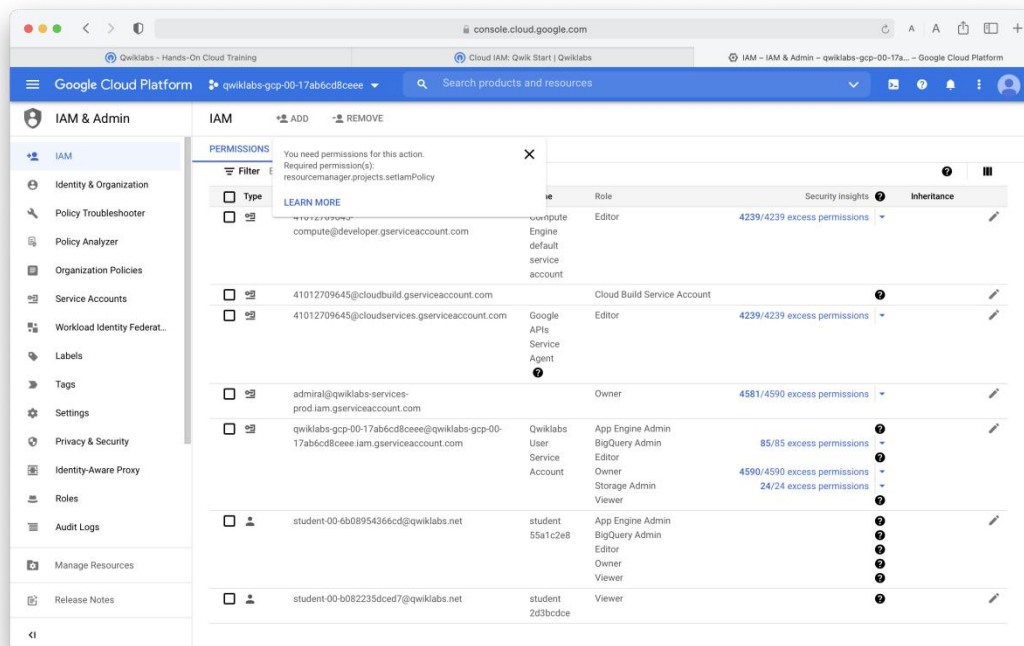
Lab report screen-shot #17:



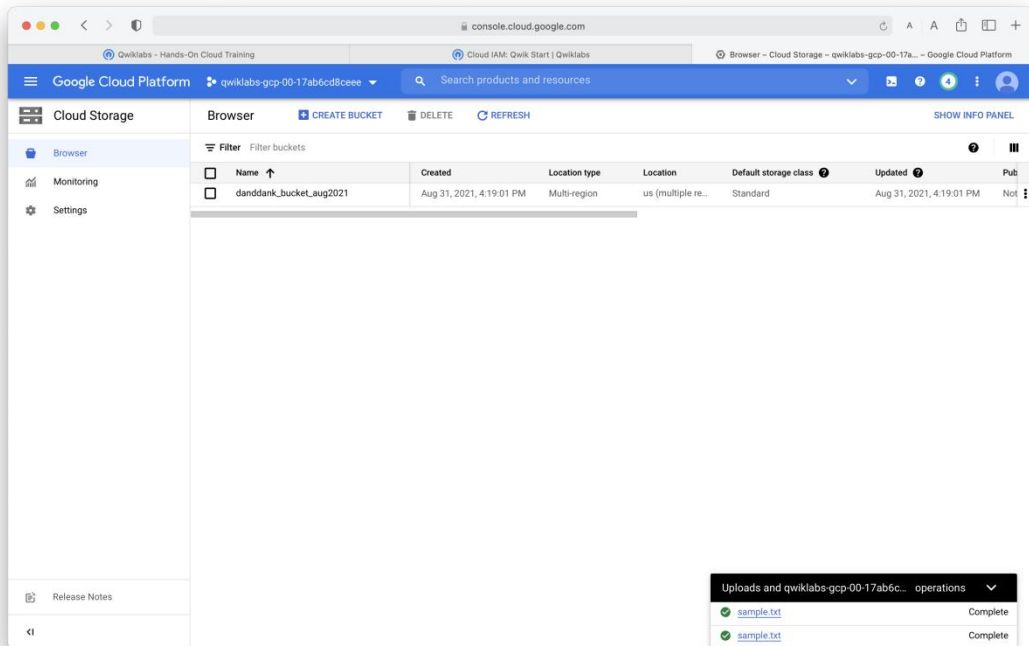
Lab report screen-shot #18:



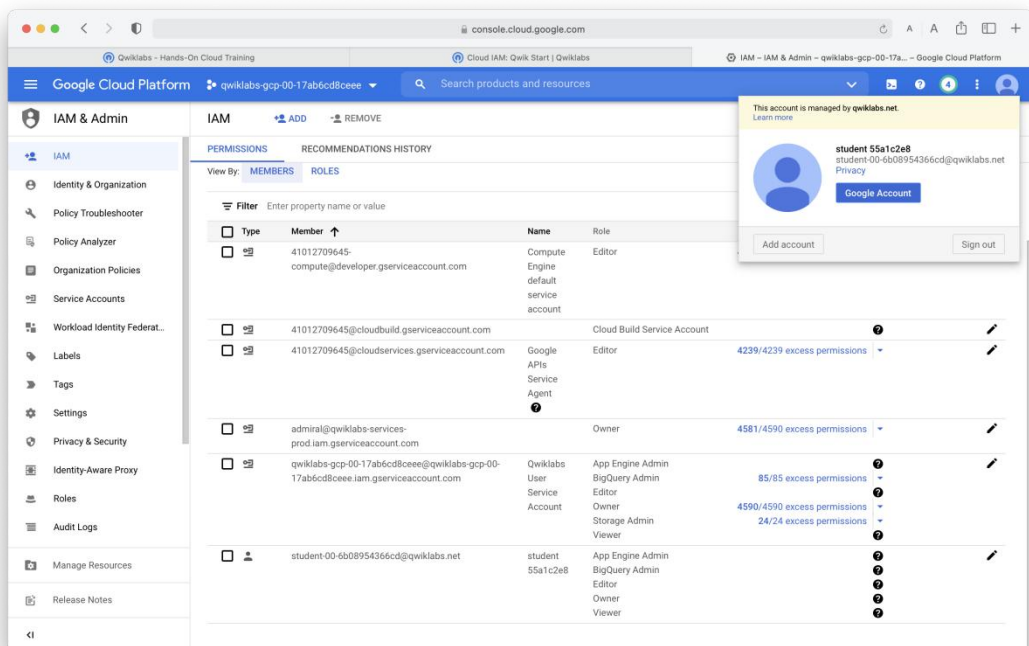
Lab report screen-shot #19:



Lab report screen-shot #20:



Lab report screen-shot #21:



Google Cloud Platform console showing IAM & Admin settings. The left sidebar lists navigation options: IAM, Identity & Organization, Policy Troubleshooter, Policy Analyzer, Organization Policies, Service Accounts, Workload Identity Federat..., Manage Resources, and Release Notes. The main content area displays the IAM permissions table for the project `qwiklabs-gcp-00-17ab6cd8ceee`.

PERMISSIONS	RECOMMENDATIONS HISTORY
<input type="checkbox"/> <code>admin@qwiklabs-services-prod.iam.gserviceaccount.com</code>	Owner 4581/4590 excess permissions
<input type="checkbox"/> <code>qwiklabs-gcp-00-17ab6cd8ceee@qwiklabs-gcp-00-17ab6cd8ceee.iam.gserviceaccount.com</code>	Qwiklabs User Service Account App Engine Admin 85/85 excess permissions BigQuery Admin 4590/4590 excess permissions Editor 24/24 excess permissions Owner Storage Admin Viewer
<input type="checkbox"/> <code>student-00-6b08954366cd@qwiklabs.net</code>	student 55a1c2e8 App Engine Admin BigQuery Admin Editor Owner Viewer
<input type="checkbox"/> <code>student-00-b082235dced7@qwiklabs.net</code>	student 2d3bcdce Storage Object Viewer Viewer

Below the table is a terminal window titled "CLOUD SHELL Terminal" showing the following commands and output:

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to qwiklabs-gcp-00-17ab6cd8ceee.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
student_00_6b08954366cd@cloudshell:~ (qwiklabs-gcp-00-17ab6cd8ceee) $ gsutil ls gs://danddank_bucket_aug2021
gs://danddank_bucket_aug2021/sample.txt
student_00_6b08954366cd@cloudshell:~ (qwiklabs-gcp-00-17ab6cd8ceee) $ gsutil ls gs://danddank_bucket_aug2021
gs://danddank_bucket_aug2021/sample.txt
student_00_6b08954366cd@cloudshell:~ (qwiklabs-gcp-00-17ab6cd8ceee) $
```

Lab report screen-shot #22:

Cloud IAM: Qwik Start lab interface. The left sidebar shows lab progress: End Lab (00:00:34), Caution, Open Google Console, Username 1 (student-00-6b08954366cd Copied), Username 2 (student-00-b082235dced7 Copied), Password (kn7hC99Yv Copied), GCP Project ID (qwiklabs-gcp-00-17ab6cd8ceee Copied), Student Resources, and Manage Access Control with Google Cloud IAM.

2. Click the **Activate Cloud Shell** icon to open the Cloud Shell command line. It prompted click **Continue**.

3. Open up a Cloud Shell session and then enter in the following command, replace `[YOUR_BUCKET_NAME]` with the name of the bucket you created earlier:

```
gsutil ls gs://[YOUR_BUCKET_NAME]
```

You should receive a similar output:

```
gs://[YOUR_BUCKET_NAME]/sample.txt
```

Note: If you see `AccessDeniedException`, wait a minute and run the previous command again.

4. As you can see, you gave **Username 2** view access to the Cloud Storage bucket.

Click **Check my progress** to verify the objective.

Add Storage permissions

Check my progress

Assessment Completed!

Right sidebar shows progress: GSP044, Overview, Prerequisites, Setup for two users, The IAM console and project level roles, Explore editor roles, Prepare a resource for access testing, Remove project access, Add Storage permissions, Verify access, and Congratulations! A score of 100/100 is displayed.