Create a Folder and Upload an Object in Cloud Storage

Introduction

Learning about storage and how it's used is a pretty important component to learning cloud! In this hands-on lab, we will create a Cloud Storage bucket, folder, upload an object to the folder and make it public.

Solution

Sign in to Google Cloud Platform using the credentials provided on the lab page.

On the **Welcome to your new account** screen, review the text and click **Accept**. In the **Welcome Cloud Student!** pop-up, check to agree to the terms of service, choose your country of residence, and click **Agree and Continue**. In the lab, the correct project is already selected; but in the real world, if you have multiple projects, you would want to choose the appropriate project before starting.

Create a Bucket

1. From Google Cloud console's main navigation, choose **CLOUD STORAGE**.
2. Click **CREATE BUCKET**.
3. Give your bucket a name—it has to be globally unique— and click **CONTINUE**.
4. Leave the default **Multi-region** option selected and click **CONTINUE**.
5. Select **Standard** as the storage class, then click **CONTINUE**.
6. Uncheck **Enforce public access prevention on this bucket**.
7. Under **Access Control**, select **Uniform**, then click **CONTINUE**.
8. Under **Data Protection**, leave the default option **Soft delete policy (For data recovery)** selected.
9. Expand **DATA ENCRYPTION**; make sure that **Google-managed encryption key** is selected.
10. Click **CREATE**.

Upload and Access an Object Using an Authenticated URL

1. Once inside the bucket, click **UPLOAD FILES**.
2. Pick any random image from your own computer and upload it to the bucket.
3. Once the file is uploaded, click on the file to access the object details.
4. On the *Object Details* page, find and click the link next to **Authenticated URL** to open a page that will display the image you uploaded.

Conclusion

Congratulations — you've completed this hands-on lab!