Exercise: Create a Cloud Storage Bucket

In this exercise, you will:

- Navigate to the Cloud Storage console page
- Create a bucket
- Specify name, region, storage class, access controls, storage protection parameters

Navigate to the Cloud Storage console page to see a list of buckets, such as shown in Figure 1. Note: some buckets are created by Google Cloud services while others are created by users of Google Cloud.

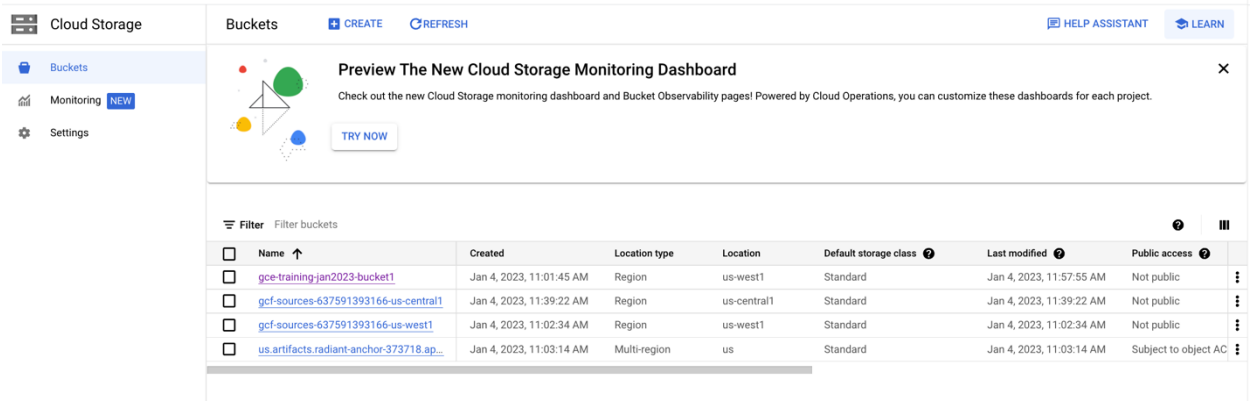

Figure 1. Example Cloud Storage console page listing existing buckets

From the Cloud Storage console, click on the Create button at the top to display a page like Figure 2.

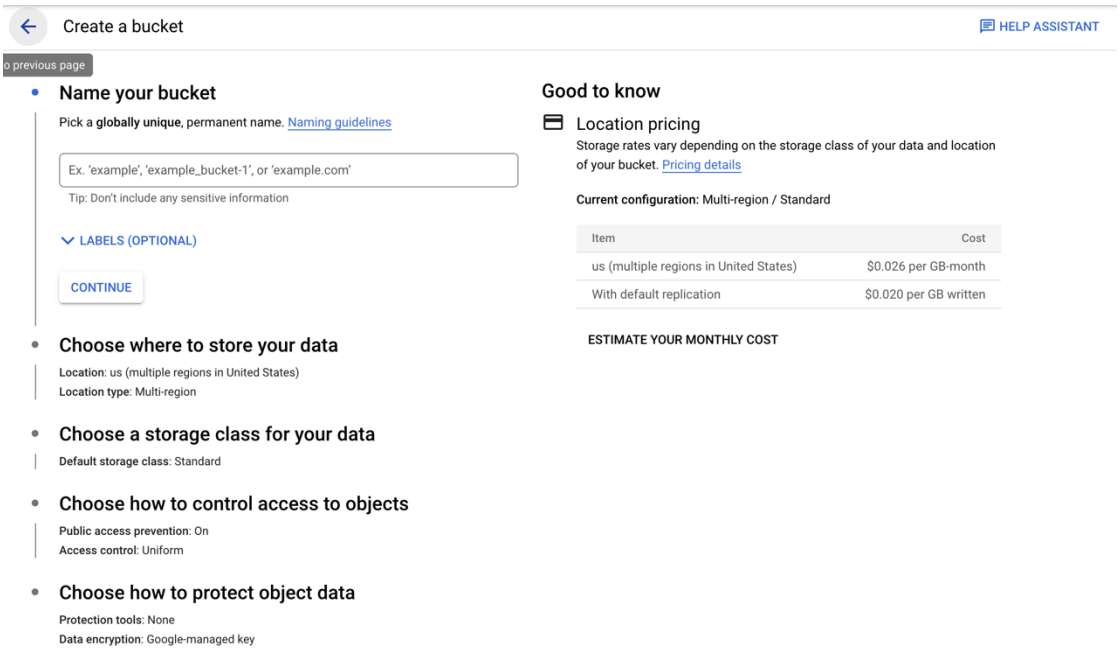

Figure 2. The first part of the Create Bucket dialog

The first step is to provide a name for the bucket. Names must be globally unique, that is, they cannot match any existing bucket, including buckets created by other customers.

You will also choose where to store your data. Choose a single region since it is the lowest cost option. (See Figure 3)

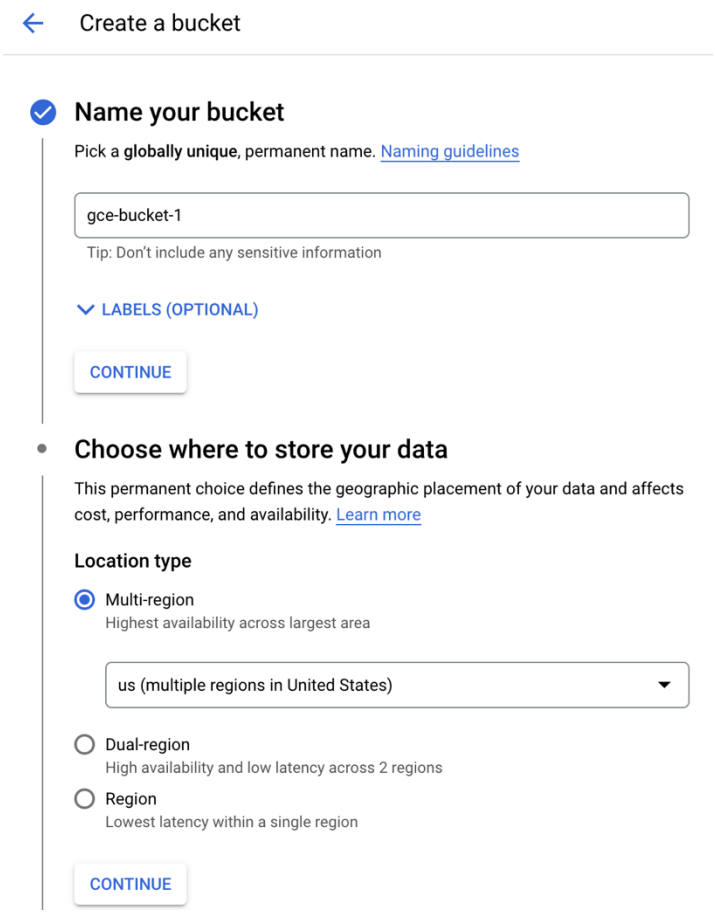

Figure 3. Naming a bucket and choosing where to store data

Figure 4. shows some options for where you can store your data.

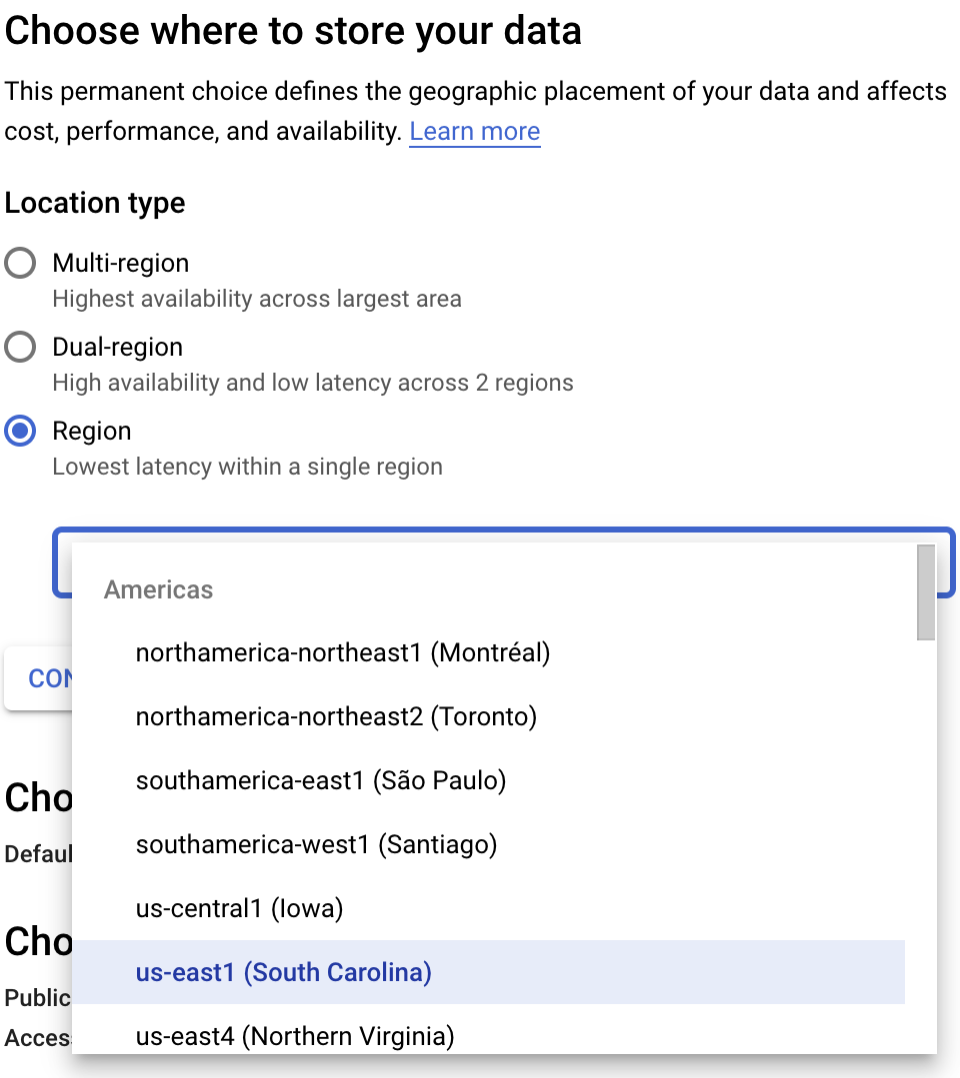

Figure 4. Partial listing of regions where you can store data in Cloud Storage

Figure 5. shows options for storage class. Choose Standard class storage since it is the best option for frequently accessed data.

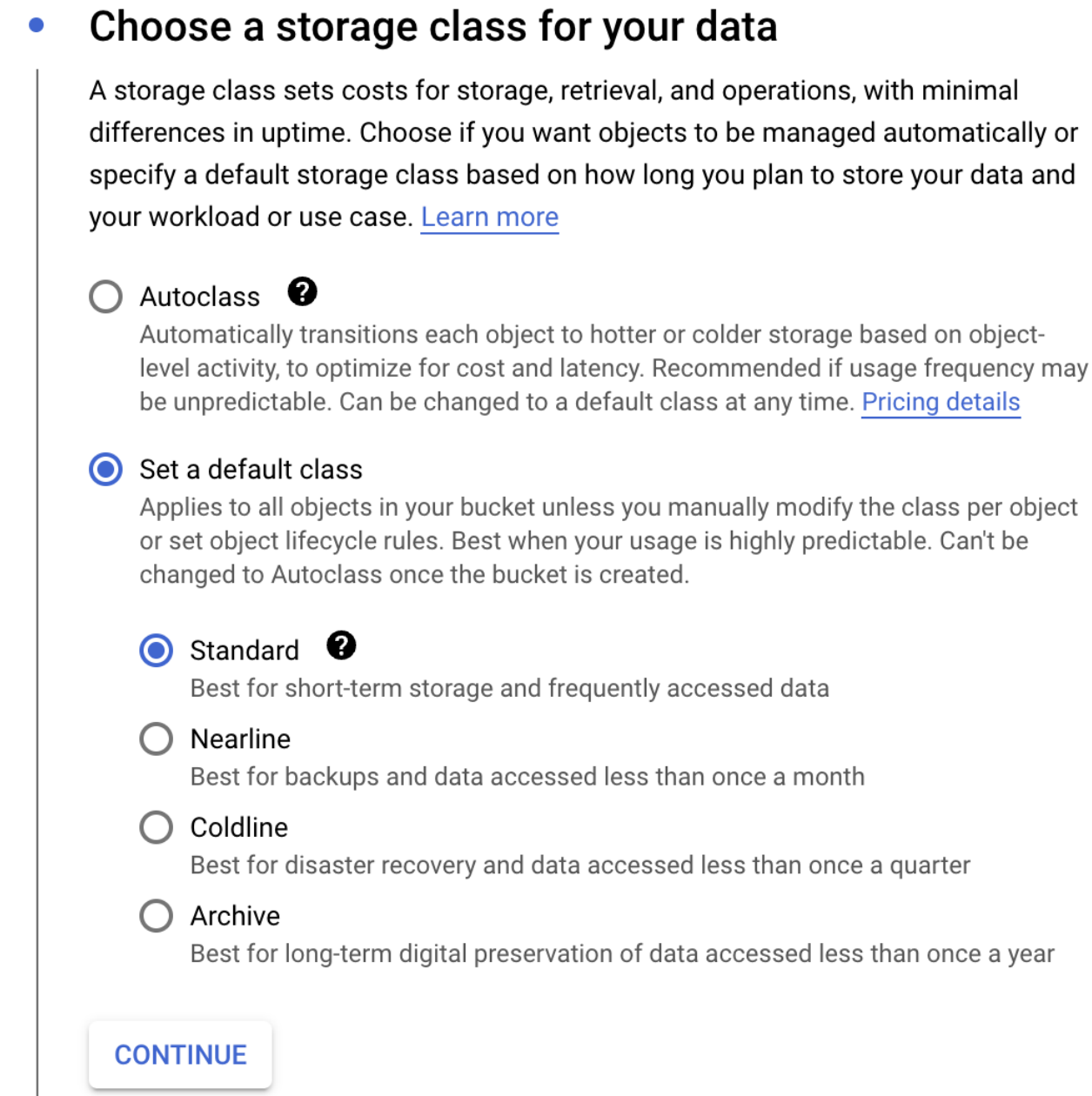

Figure 5. Options for type of storage class

Figure 6. shows options for controlling access to objects. Choose Uniform access control; this is the Google Cloud recommended way to control access to objects.

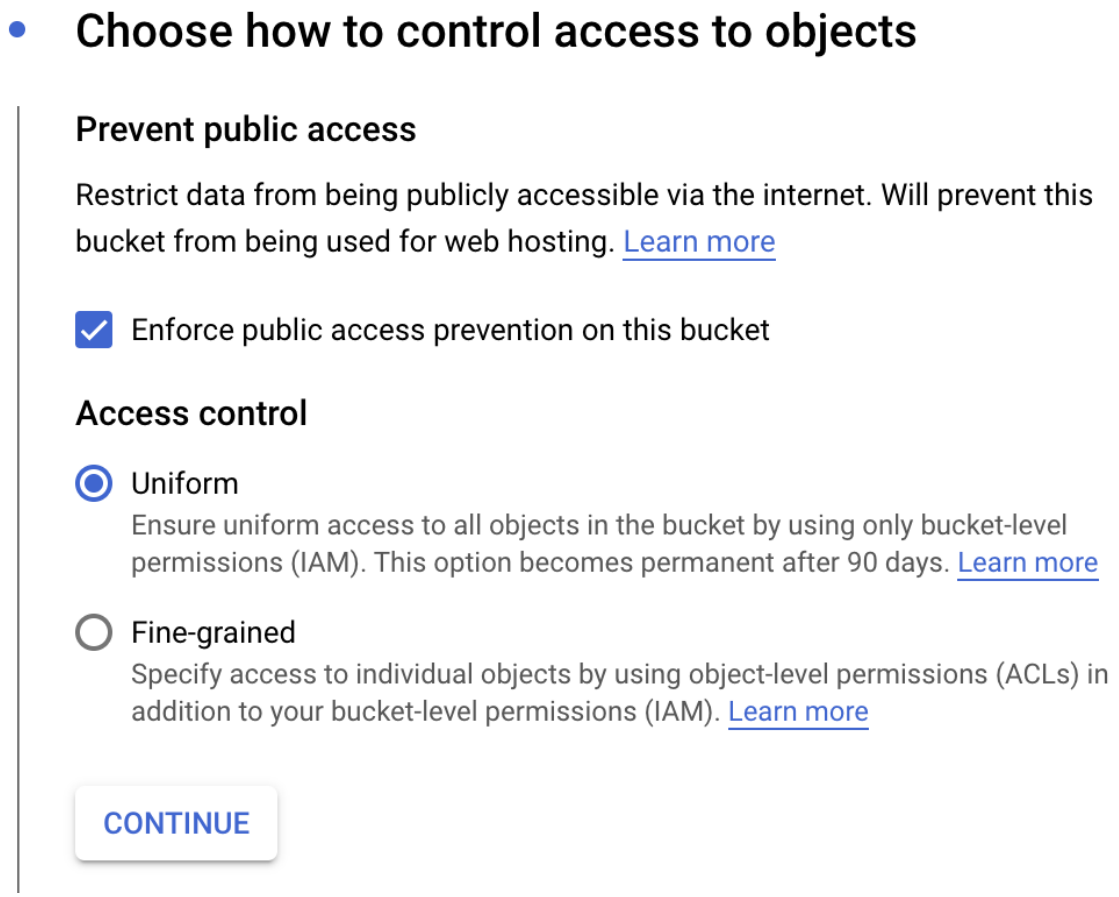

Figure 6. Options for access control

The last configuration parameter Is object data protection. Choose None.

Figure 7. shows the last configuration options which include object retention policies and object versioning. Choose None.

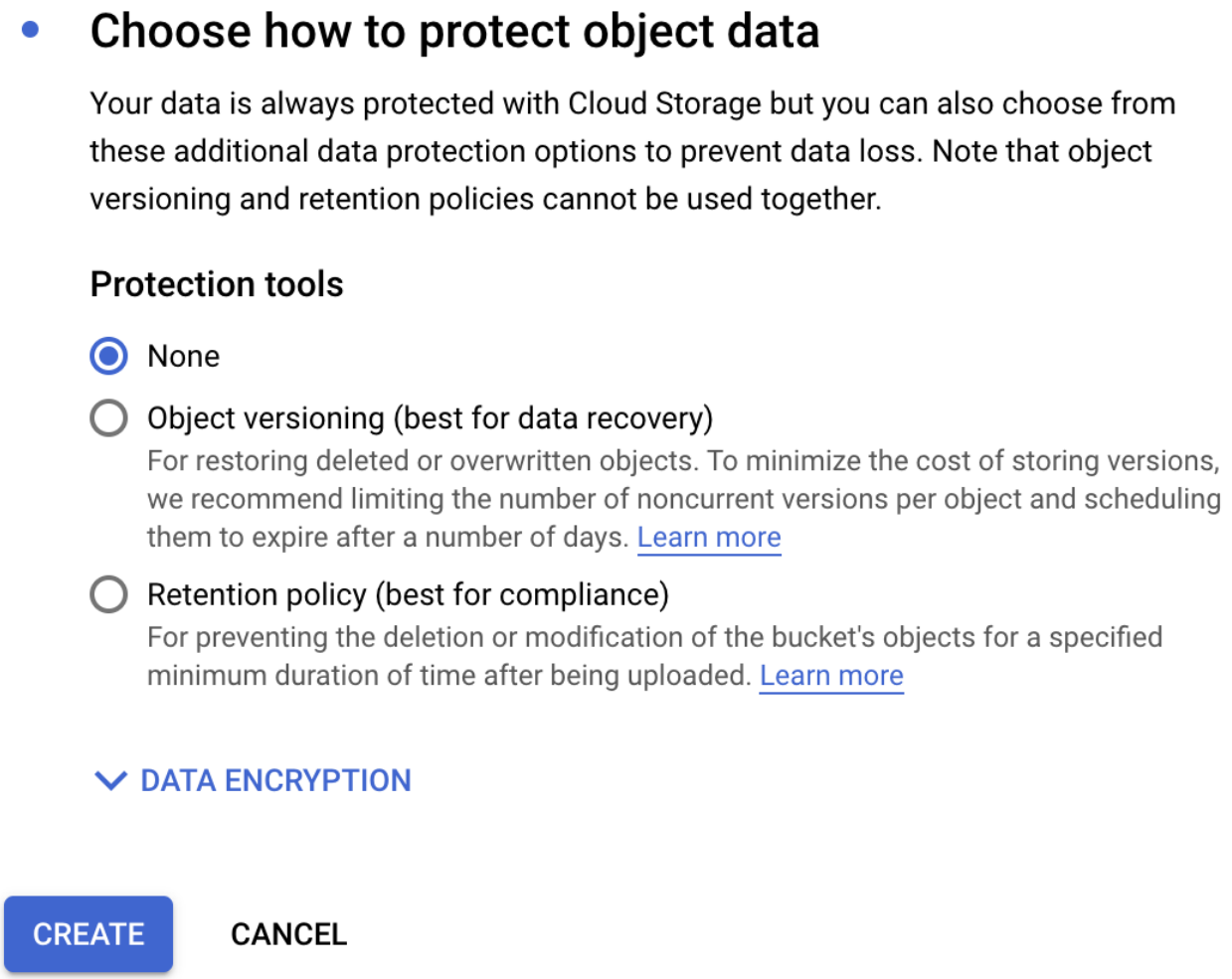

Figure 7. Options for protecting objects

Click the Create button to create the bucket. Return to the Cloud Storage console page to see a list of buckets, which should now include the bucket you just created.