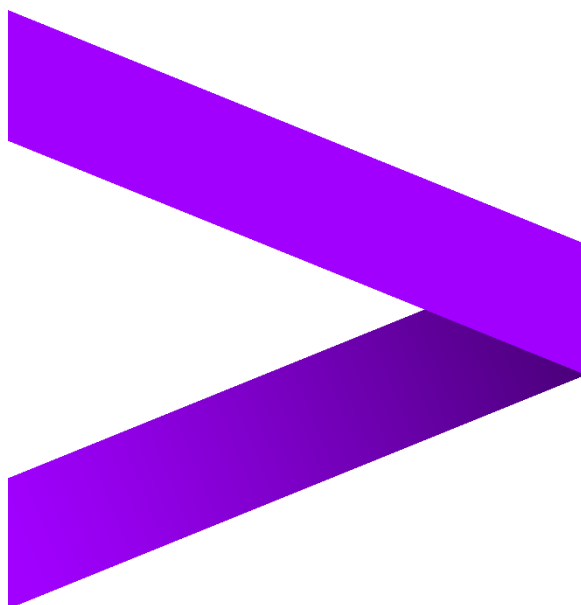# Storage

Cloud Storage Lab

- **Definition:** Cloud Storage allows world-wide storage and retrieval of any amount of data at any time. You can use Cloud Storage for a range of scenarios including serving website content, storing data for archival and disaster recovery, or distributing large data objects to users via direct download.

- **Purpose:** In this hands-on lab you will learn how to use the Cloud console to create a storage bucket, then upload objects, create folders and subfolders,.

- Follow the link to complete the Lab
  - Open the url – https://console.cloud.google.com
  - Login with your Accenture credentials (e-mail id)
  - Follow the below steps to complete your lab

Steps:

A. Create a Bucket

1. From Google Cloud console's main navigation menu, choose Cloud Storage.
2. Click Create a Bucket.
3. Give your bucket a name—it must be globally unique—and click Continue.
4. Select Region as the location type and us-central-1 as the region, then click Continue.
5. Select Standard as the storage class, then click Continue.
6. Under Access Control, select uniform, then click Continue.
7. Under Protection tools, leave the option None selected.
8. Expand DATA ENCRYPTION; we will leave the Use a customer-managed encryption key (CMEK) box unchecked.
9. Click Create.

B. Select your bucket and upload an Object

1. Select **UPLOAD FILES** and upload a sample file into your bucket.
2. Click on **Bucket details** to move back into the bucket level.

C. To add the retention policy

1. Head over to the bucket created by you
2. Click on Protection tab, under "Bucket Details"
3. To protect your object data, choose Retention policy, and we will retain objects for one day, and do not select the LOCK option

D. Test the retention policy on the uploaded object

1. Use the arrow on the top left to return to the bucket.
2. Select the bucket created by you.
3. Choose Delete and try to delete the bucket.
4. Observe the message received on the console.