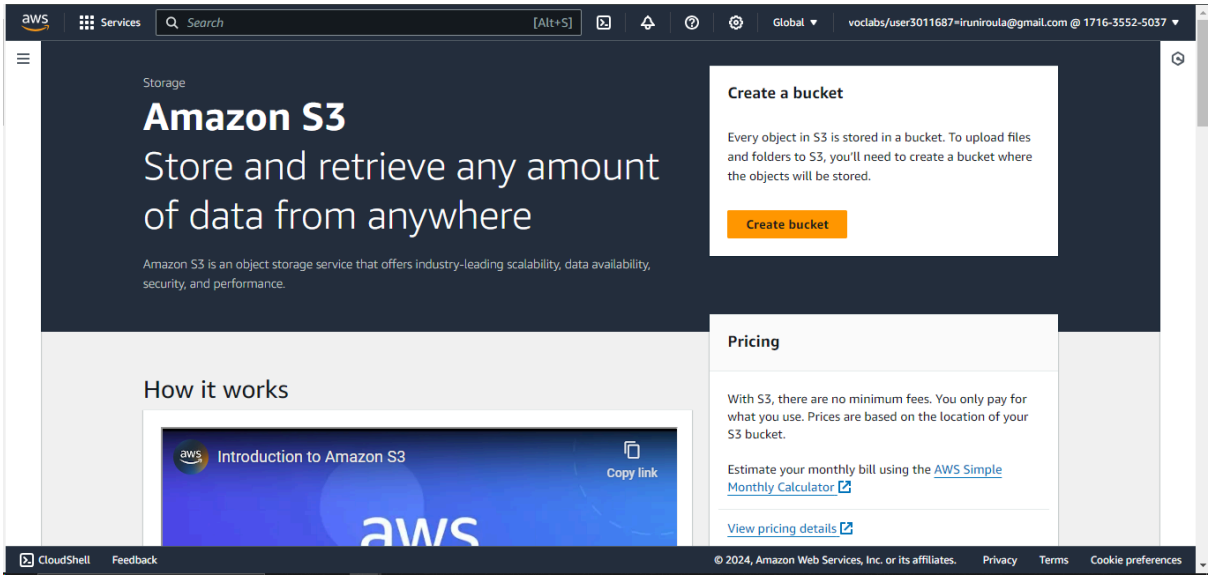
S3 Storage Fundamentals Lab

Objective: To gain hands-on experience with Amazon S3 by performing basic storage operations.

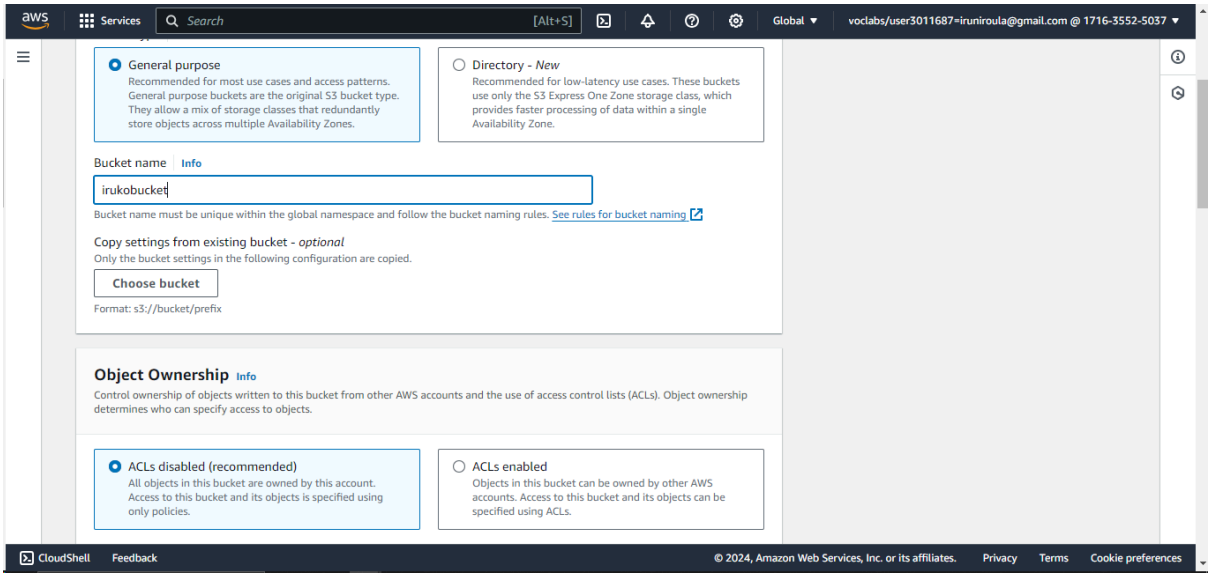
Approach: This lab involves creating an S3 bucket, uploading files to it, and setting up bucket policies for access control. Students will explore the S3 management console, learn about object storage, and understand the concepts of buckets and objects.

Goal: Students will understand how to use S3 for storing and managing data, learn about S3 security and permissions, and become familiar with S3's user interface.

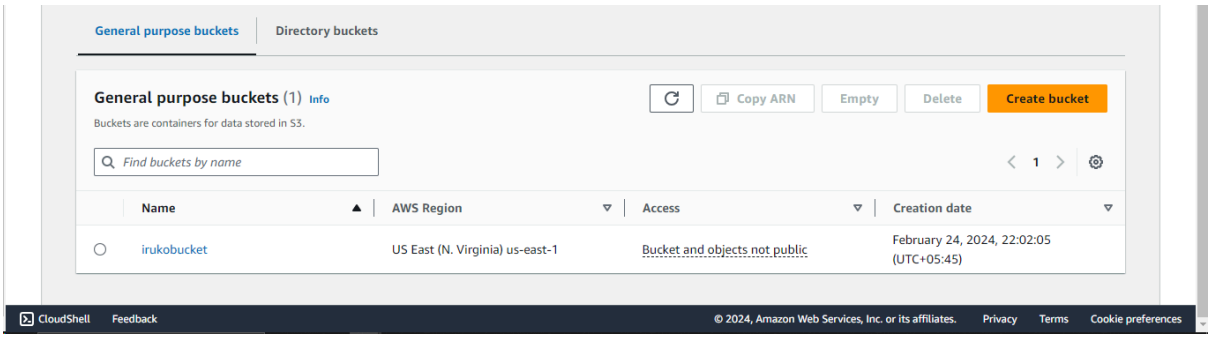
Step 1: Go to AWS Console Management and Select S3. Click create bucket to create the S3 bucket



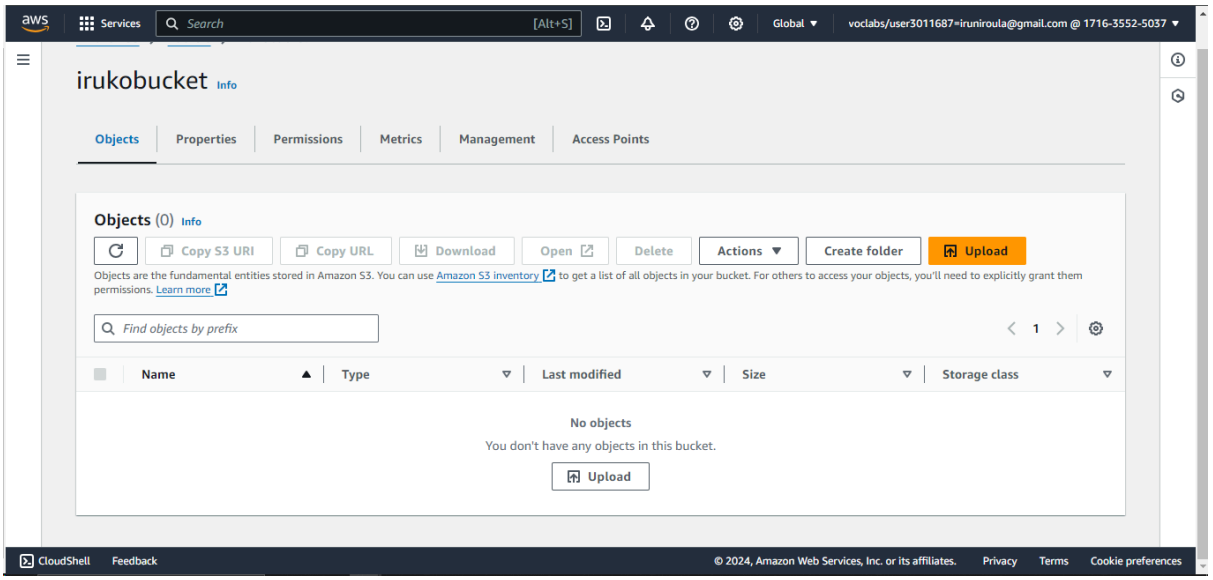
Step 2: Choose bucket name, it must be unique then click on create bucket



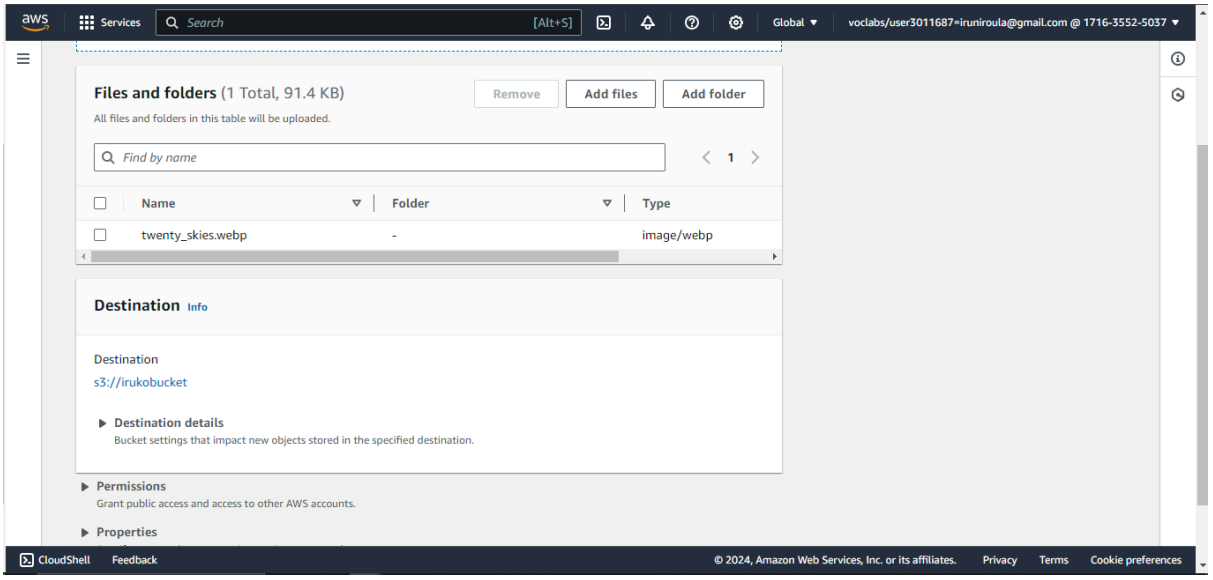
Step 3: Bucket is created



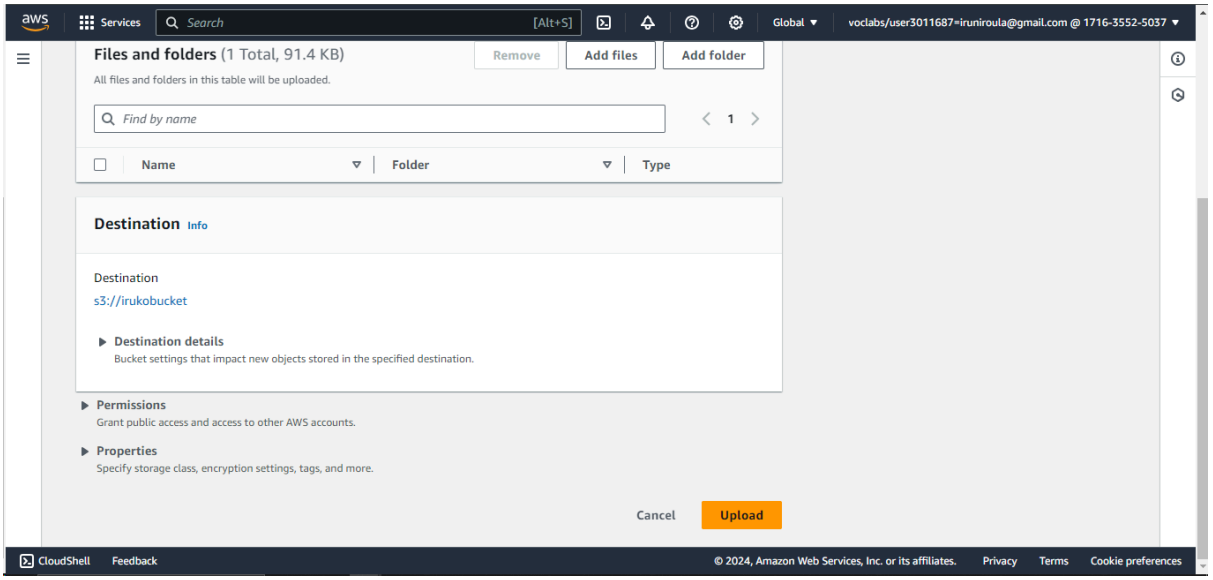
Step 4: Click on Upload to add and upload a file



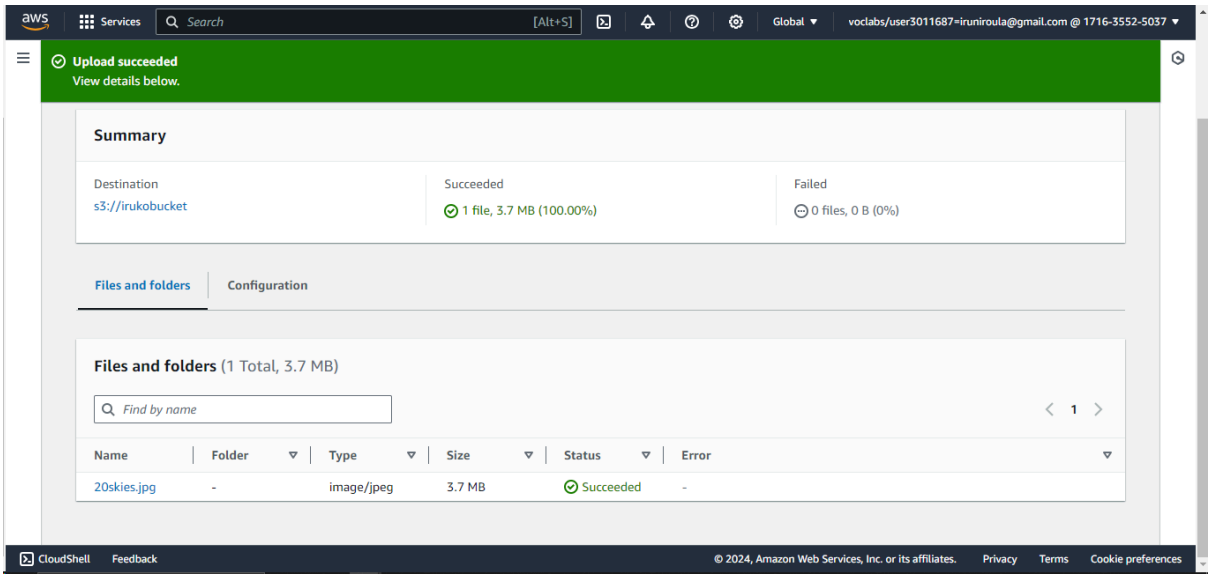
Step 5: Add file by dragging and dropping or clicking on Add File



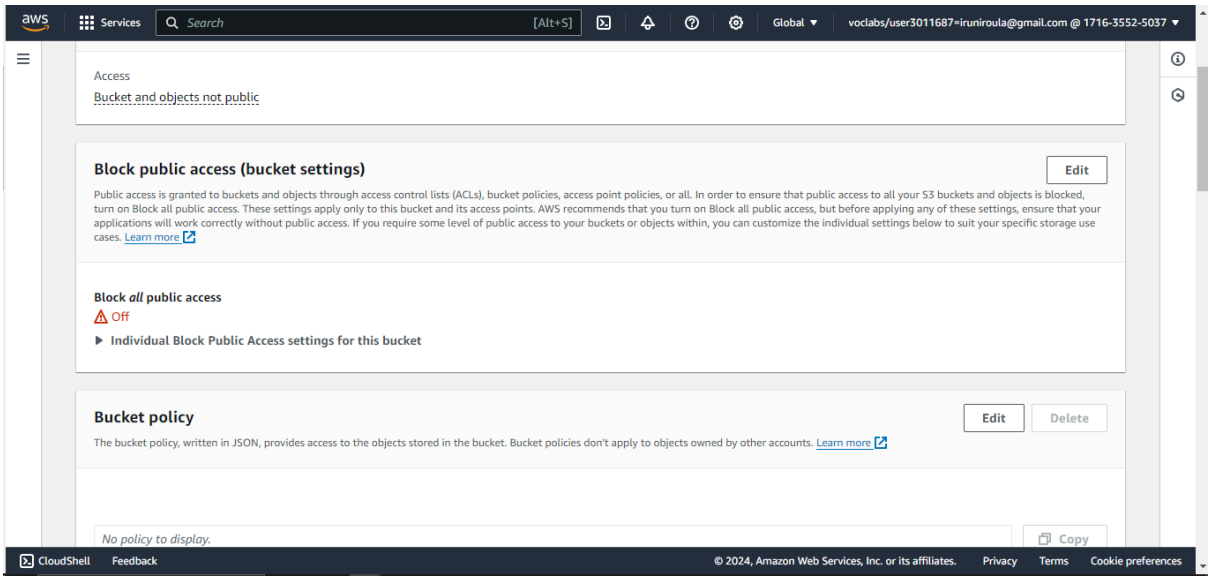
Step 6: Click on upload



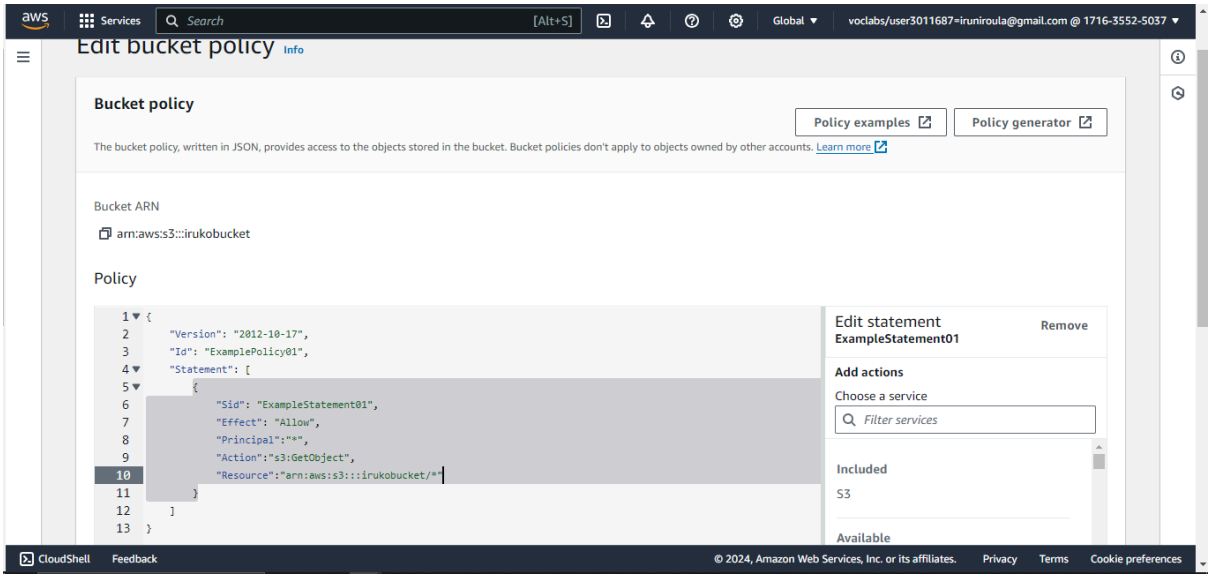
Step 7: File Uploaded



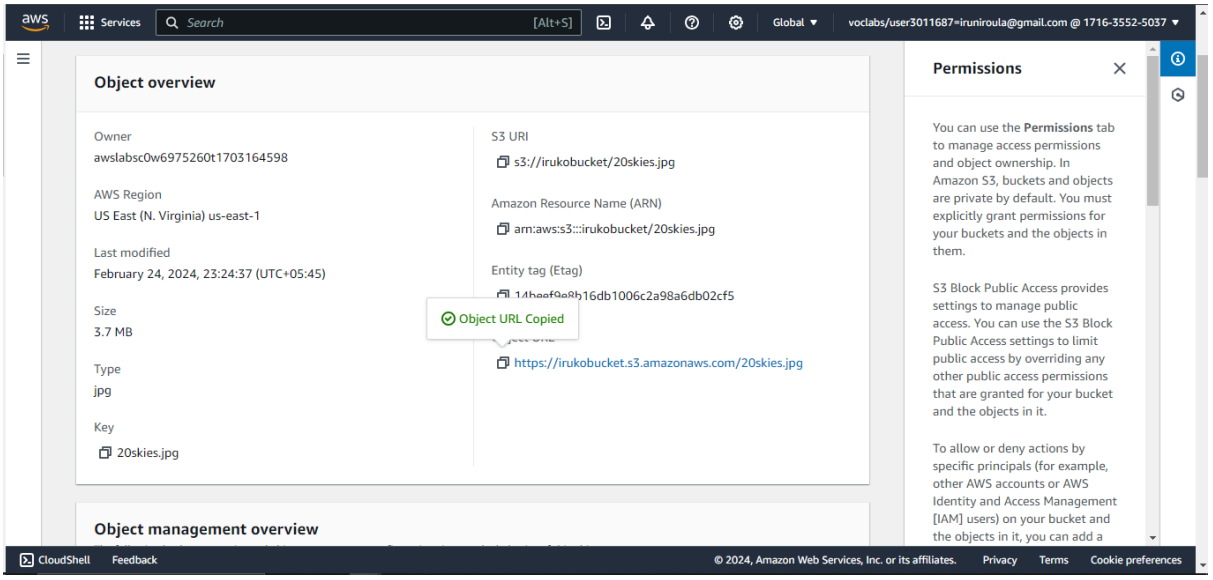
Step 8: Edited Bucket Policy to block public access



Step 9: This code allows files to be uploaded to specific S3 bucket



Step 10: Accessing Object details. We can view the file uploaded through the url



Step 11: Here is the uploaded file