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.
- o **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.
- 1.A bucket with unique name is created.

AWS Region US East (N. Virginia) us-east-1 Bucket type Info General purpose Directory - New Recommended for most use cases and Recommended for low-latency use access patterns. General purpose cases. These buckets use only the S3 buckets are the original S3 bucket Express One Zone storage class, which type. They allow a mix of storage provides faster processing of data classes that redundantly store objects within a single Availability Zone. across multiple Availability Zones. Bucket name Info upeshbasiclab Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming <a>Z

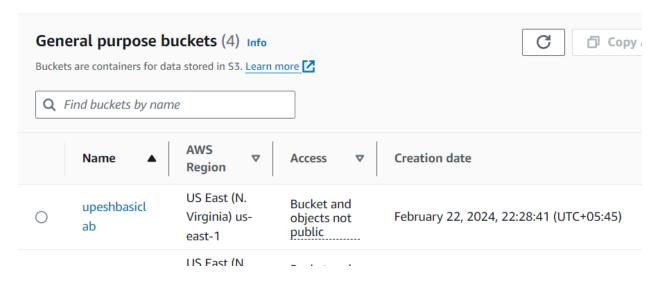
Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

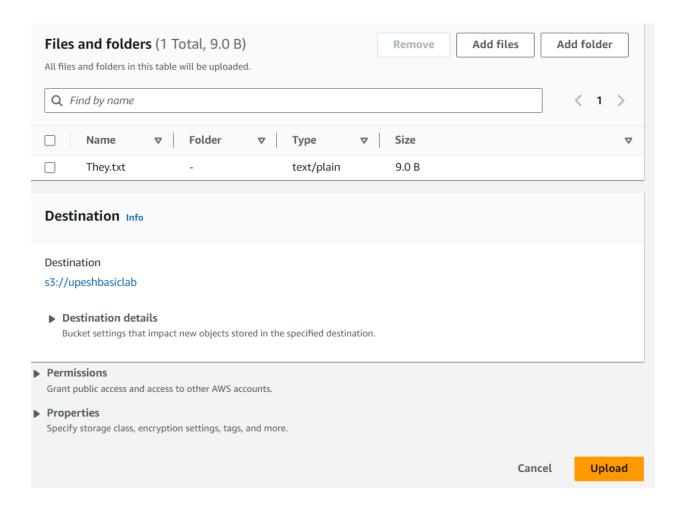
Choose bucket

Format: s3://bucket/prefix

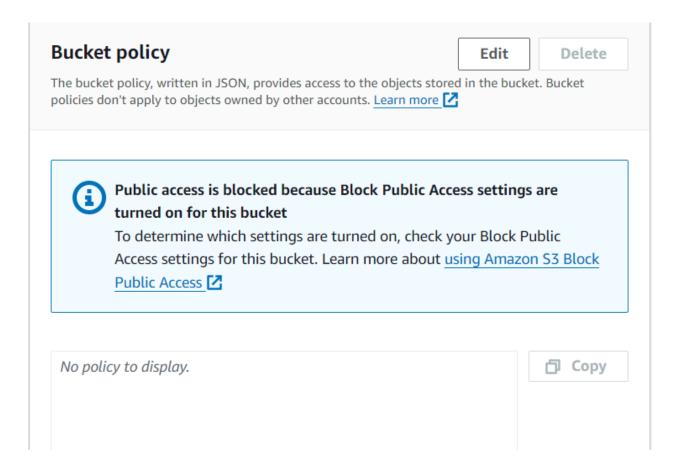
2. Now we can see this bucket in console like this.



3. Now we can upload files in this bucket.



4. Now we can set the policies by clicking the bucket name and selecting permission tab and now we can see bucket policy so we click edit to set policies.



Select required actions

You added the following statements. Click the button below to Generate a policy.



Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.



5.Generated JSON

Policy JSON Document

Click below to edit. To save the policy, copy the text below to a text editor. Changes made below will **not be reflected in the policy generator tool**.

Close

Bucket policy

Edit

Delete

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more