

## Lesson 04 Demo 02

### Configuring S3 Bucket Version

**Objective:** To demonstrate the process of configuring S3 bucket versioning for version control and file management

**Tools required:** None

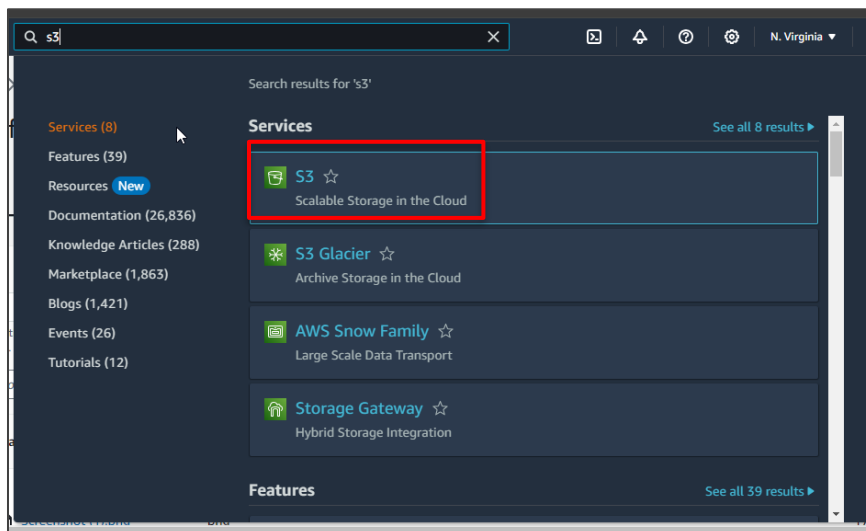
**Prerequisites:** AWS account with an S3 bucket created

Steps to be followed:

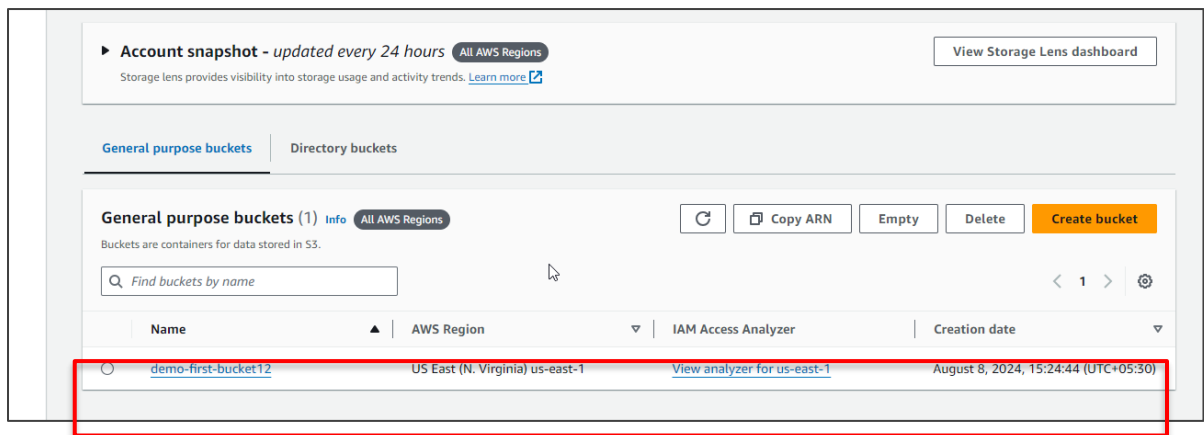
1. Enable bucket versioning for an S3 bucket
2. Upload files to the S3 bucket
3. Reupload the same files to the S3 bucket

#### Step 1: Enable bucket versioning for an S3 bucket

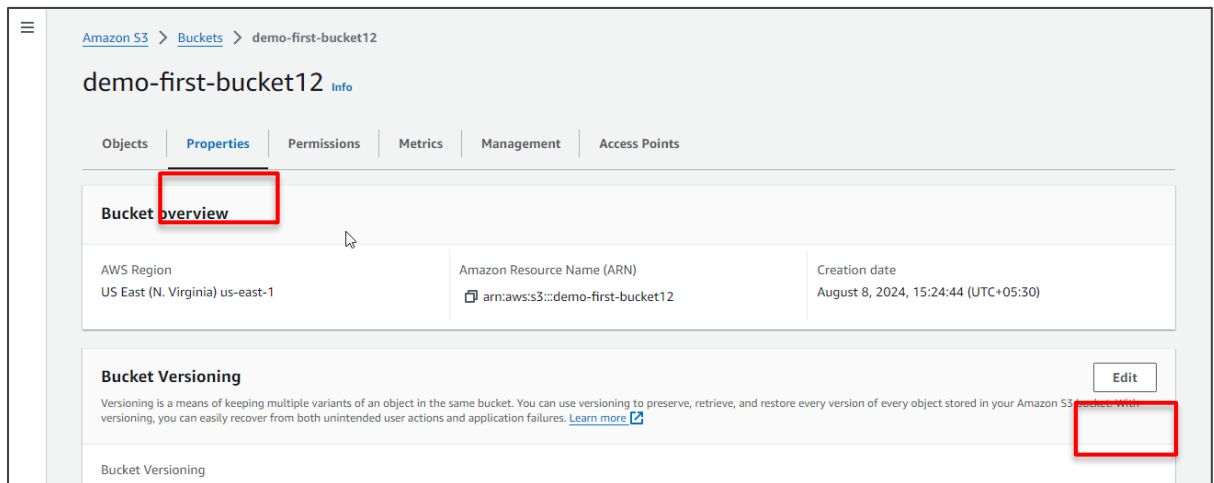
- 1.1 Go to the AWS Management Console Home and navigate to the **S3** bucket



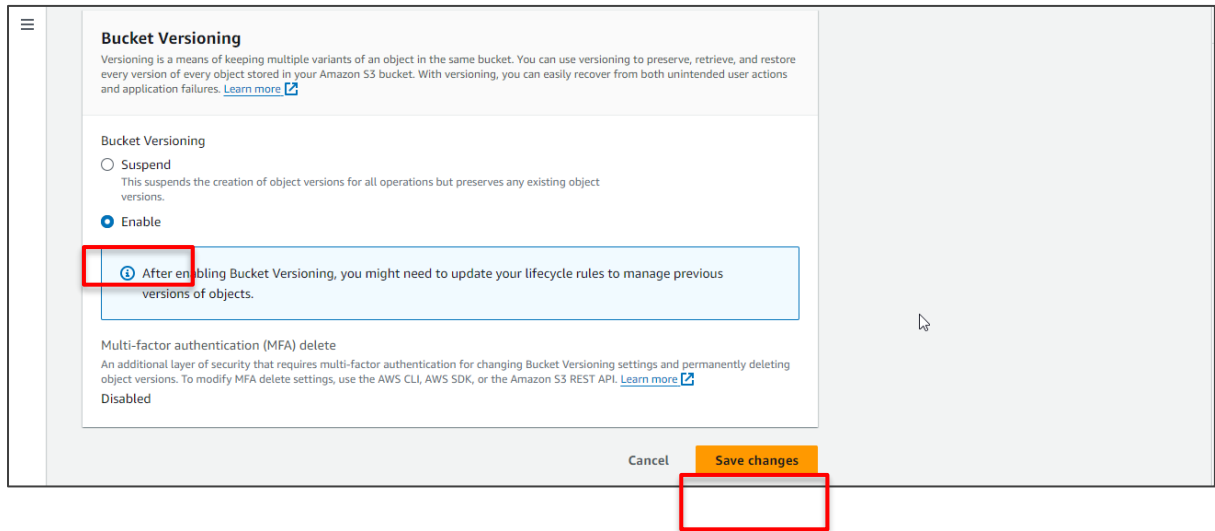
1.2 From the **Name** list under **General purpose buckets**, select the bucket where versioning needs to be enabled



1.3 Go to the **Properties** tab in the console and click on **Edit** under **Bucket Versioning**

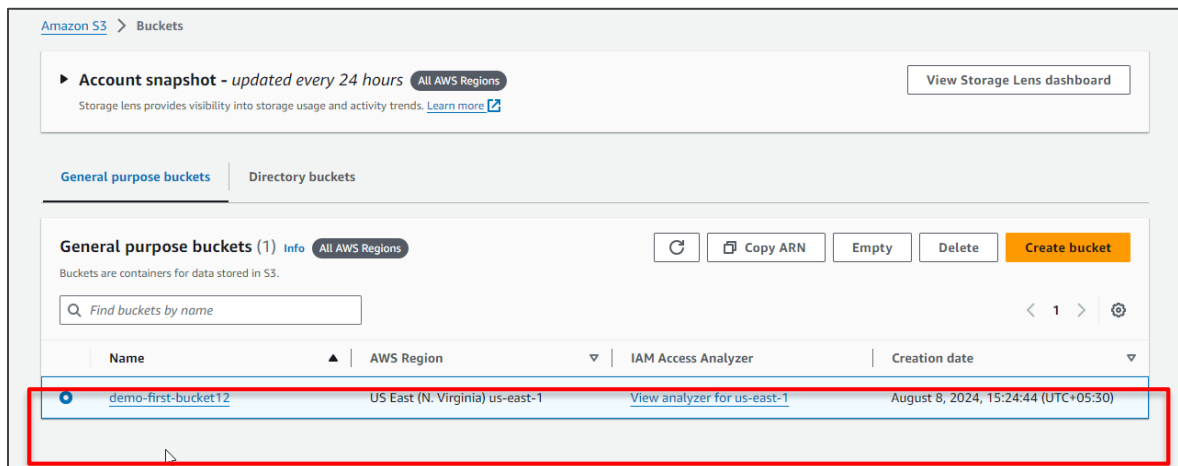


## 1.4 Select **Enable** and click on **Save changes**

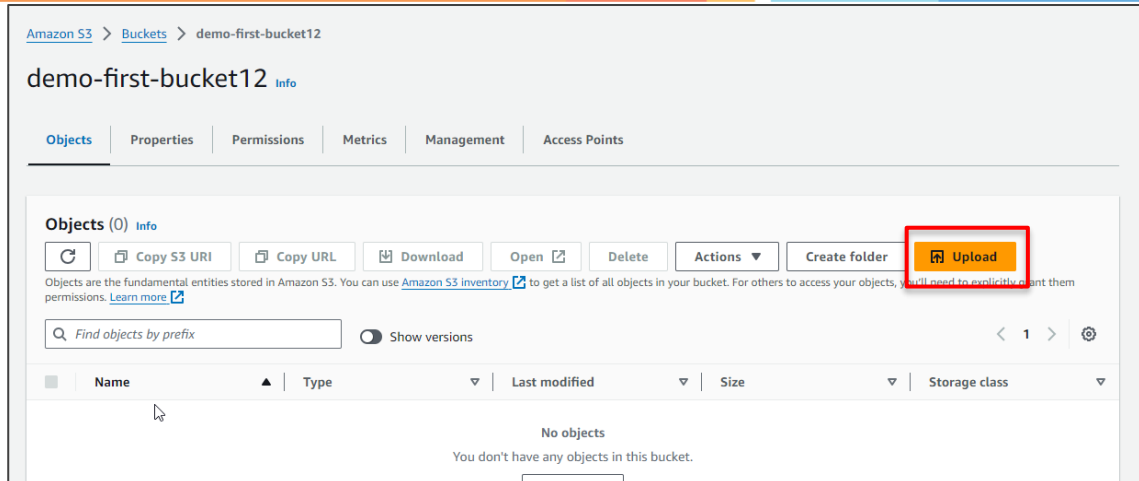


## Step 2: Upload files to the S3 bucket

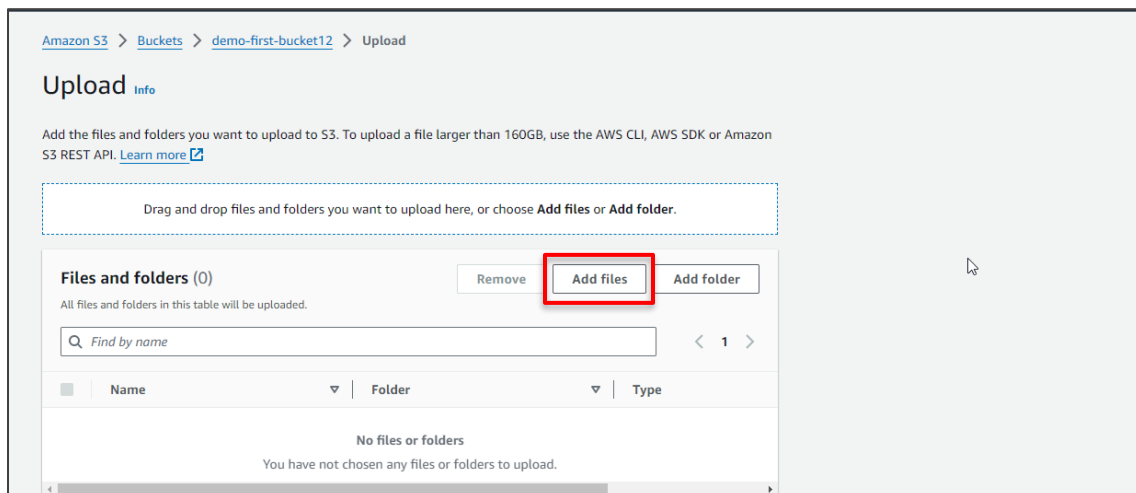
### 2.1 From the **Name** list under **General purpose buckets**, select the bucket with versioning enabled



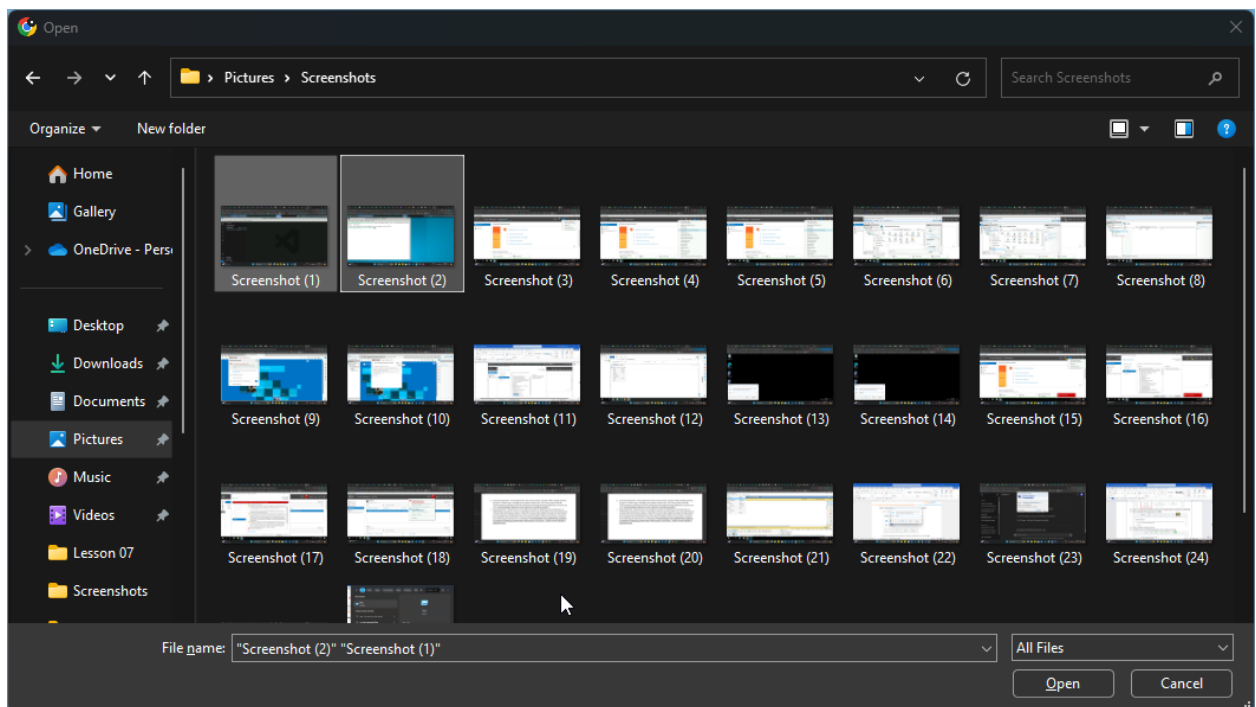
### 2.2 Click on **Upload**



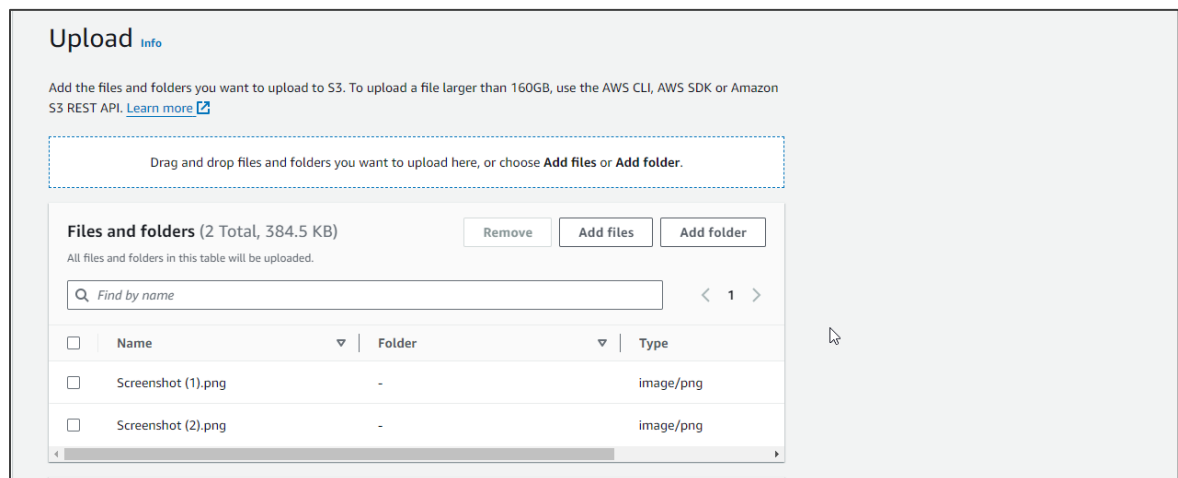
### 2.3 Click on **Add files**



### 2.4 Select one or more files to upload and click on **Open**



2.5 Once the files are added, click on the **Upload** button



☐ Name
 ☐ Folder
 ☐ Type

**Destination** [Info](#)

Destination  
 s3://demo-first-bucket12

▶ **Destination details**  
 Bucket settings that impact new objects stored in the specified destination.

▶ **Permissions**  
 Grant public access and access to other AWS accounts.

▶ **Properties**  
 Specify storage class, encryption settings, tags, and more.

Cancel **Upload**

Upload succeeded  
 View details below.

s3://demo-first-bucket12
 2 files, 384.5 KB (100.00%)
 0 files, 0 B (0%)

Files and folders Configuration

**Files and folders** (2 Total, 384.5 KB)

Name	Folder	Type	Size	Status	Error
<a href="#">Screenshot (1).png</a>	-	image/png	173.9 KB	✓ Succeeded	-
<a href="#">Screenshot (2).png</a>	-	image/png	210.6 KB	✓ Succeeded	-

**demo-first-bucket12** [Info](#)

Objects Properties Permissions Metrics Management Access Points

**Objects** (2) [Info](#)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

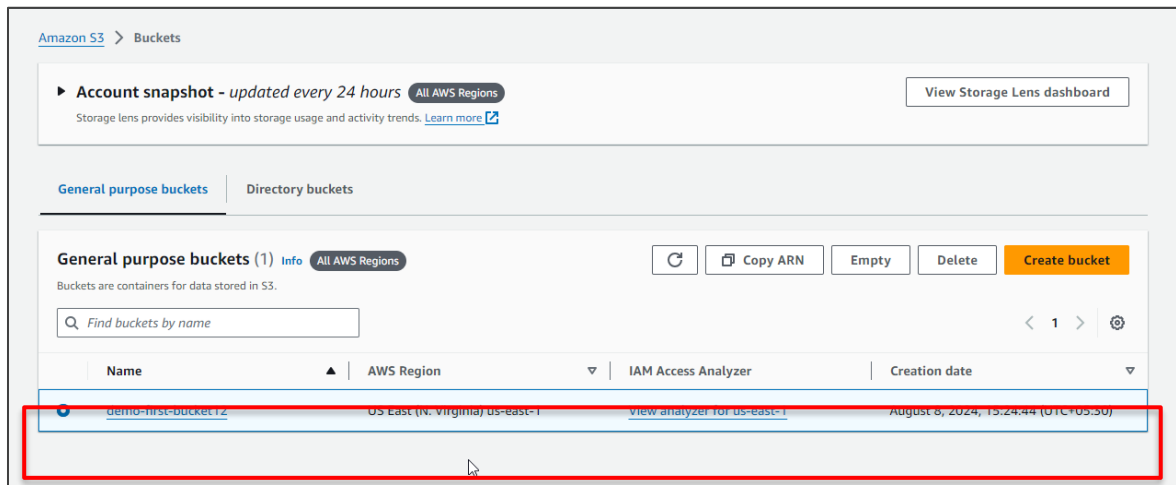
☐ Show versions

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">Screenshot (1).png</a>	png	August 8, 2024, 15:59:29 (UTC+05:30)	173.9 KB	Standard
<input type="checkbox"/>	<a href="#">Screenshot (2).png</a>	png	August 8, 2024, 15:59:30 (UTC+05:30)	210.6 KB	Standard

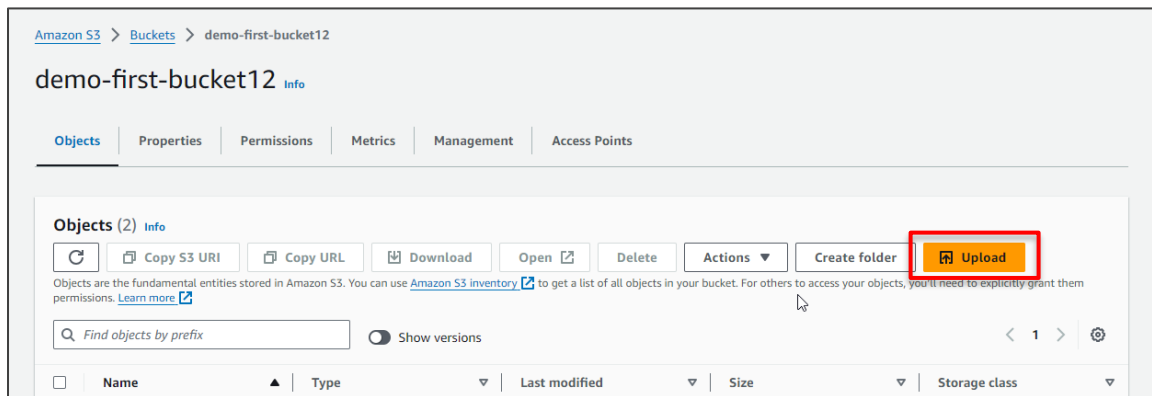
Once the upload is complete, the newly added files will be displayed.

### Step 3: Reupload the same files to the S3 bucket

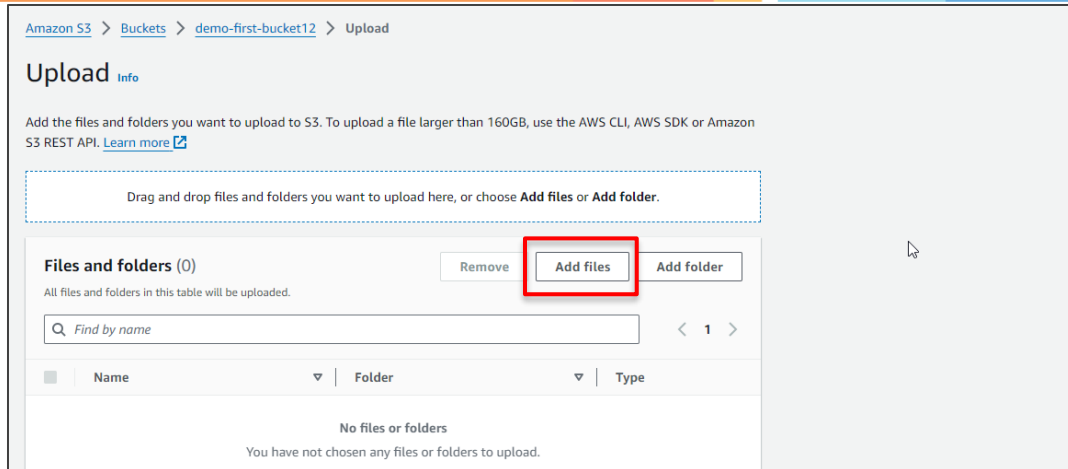
3.1 From the **Name** list under **General purpose buckets**, select the bucket with versioning enabled



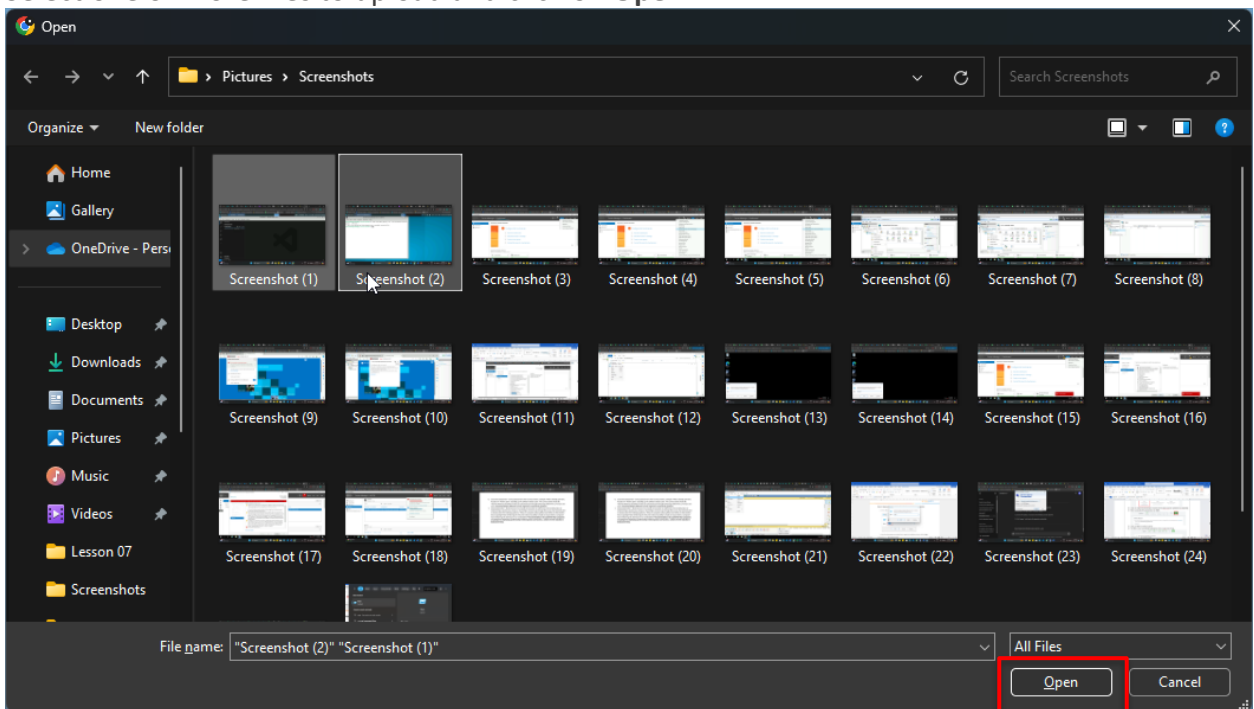
3.2 Click on **Upload**



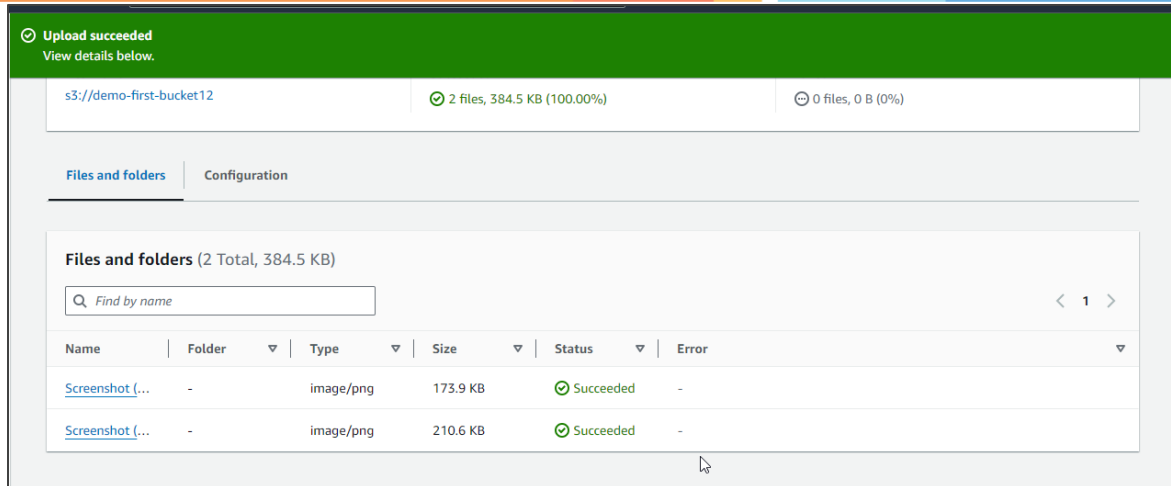
3.3 Click on **Add files**



### 3.4 Select one or more files to Upload and click on **Open**

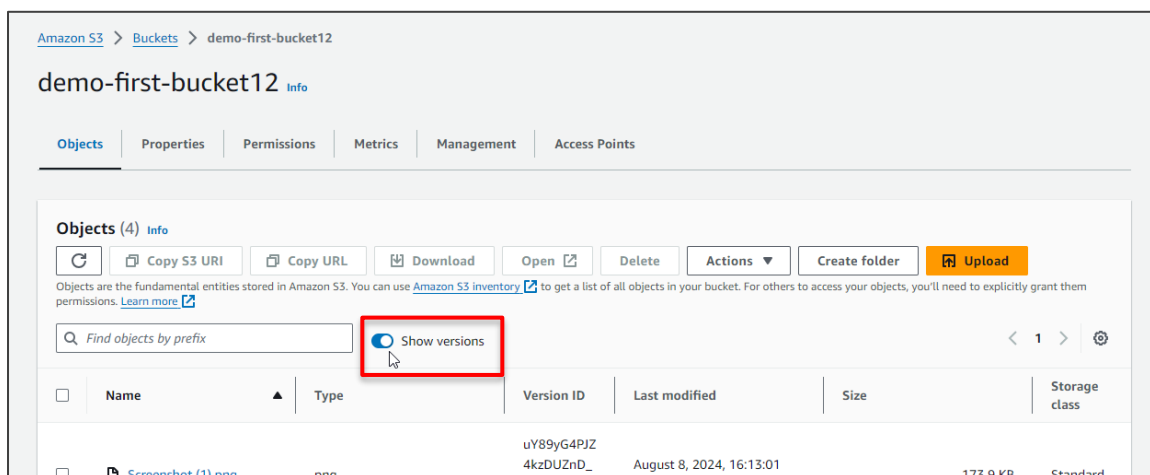






Follow steps 2.1 to 2.4 to reupload the same files

3.5 Once the upload is complete, turn on the **Show versions** to view multiple versions of the same files



By following these steps, you will successfully configure versioning within an Amazon S3 bucket. These steps will guide you through enabling versioning for a selected bucket, uploading files, and reuploading the same files to observe the versioning feature in action.