Lab 2 Create Buckets, Versioning, and Permissions

In the challenge, you will create an S3 Bucket that has version control enabled, upload a file, and then make the file publicly accessible. Note: Once you begin a challenge you will not be able to pause, save, or return to your progress. Please ensure you have set aside enough time to complete the challenge before you start.

Task 1: Create s3 bucket

S3 -> create bucket

Click create bucket

Task 2: Enable versioning for your bucket

Open the lab created -> properties tab -> click edit for bucket versioning

Click enable -> save changes

Task 3: Create and upload a file

Create a text file in notepad with name Test.txt and save it

Open created lab -> objects tab -> click upload -> select the Test.txt file -> click upload

Search [Alt+S]

United States (Ohio) ▼

LabUserRole/LabUserlod51562023 @ 8675-1266-4153 ▼

Amazon S3 > Buckets > lab-51562023

lab-51562023 Info

Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points

Objects (0)

Copy S3 URI | Copy URL | Download | Open | Delete | Actions ▼ | Create folder | Upload

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

Find objects by prefix

Show versions

	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽

No objects
You don't have any objects in this bucket.

Upload

Search [Alt+S]

United States (Ohio) ▼

LabUserRole/LabUserlod51562023 @ 8675-1266-4153 ▼

Amazon S3 > Buckets > lab-51562023 > Upload

Upload Info

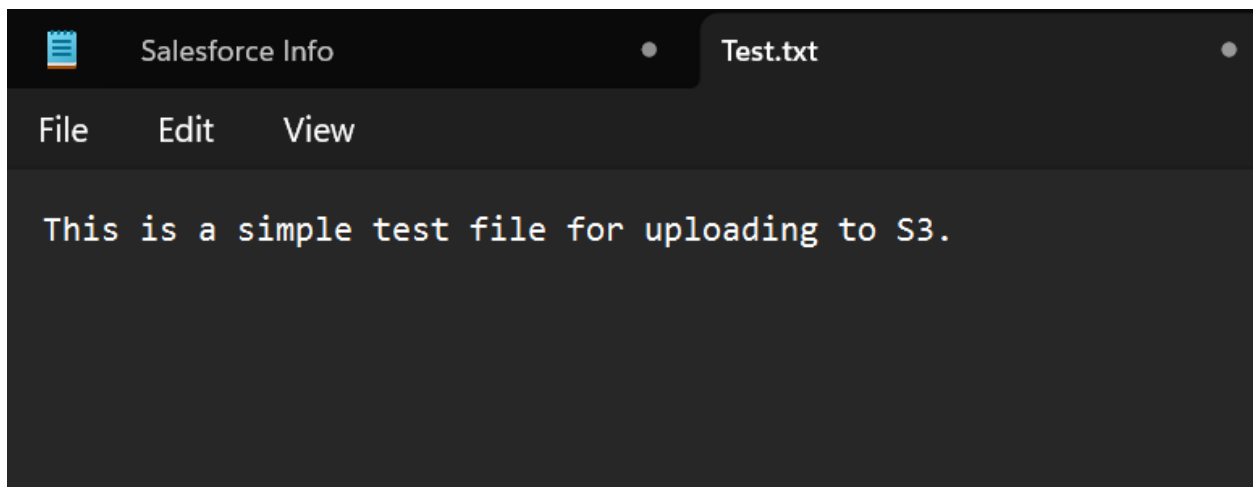Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. Learn more

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (0)

Remove | Add files | Add folder

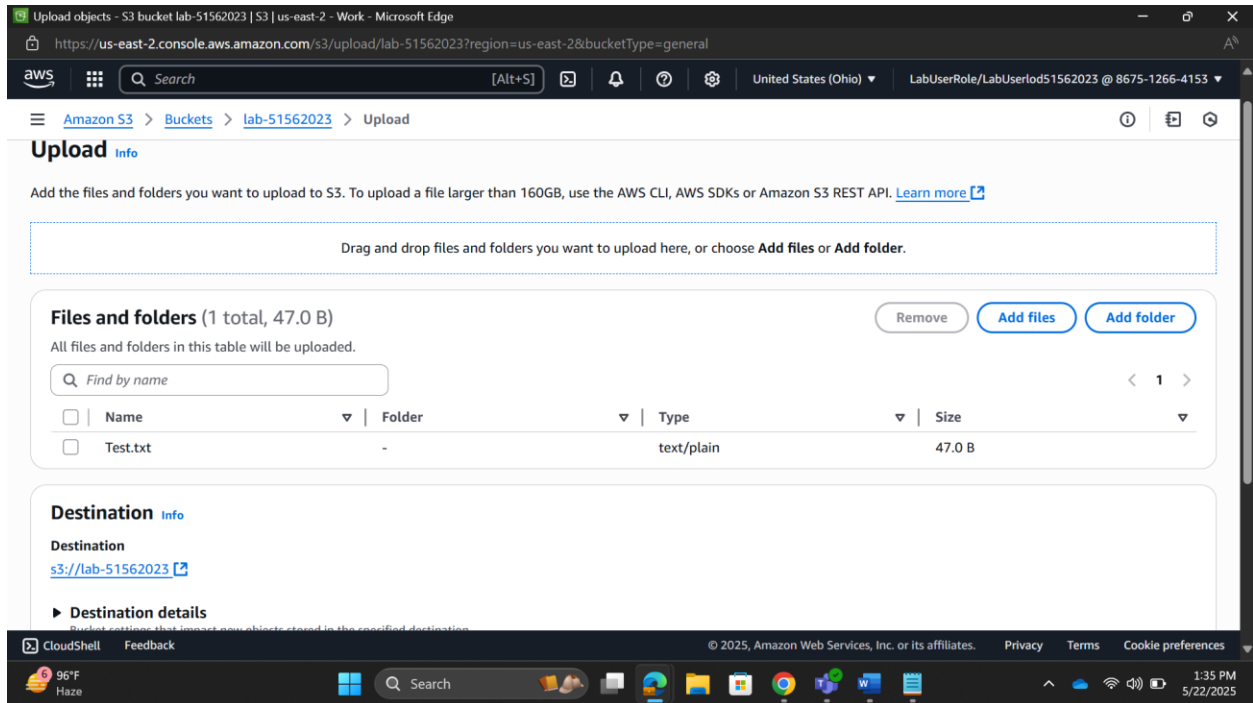All files and folders in this table will be uploaded.

Find by name

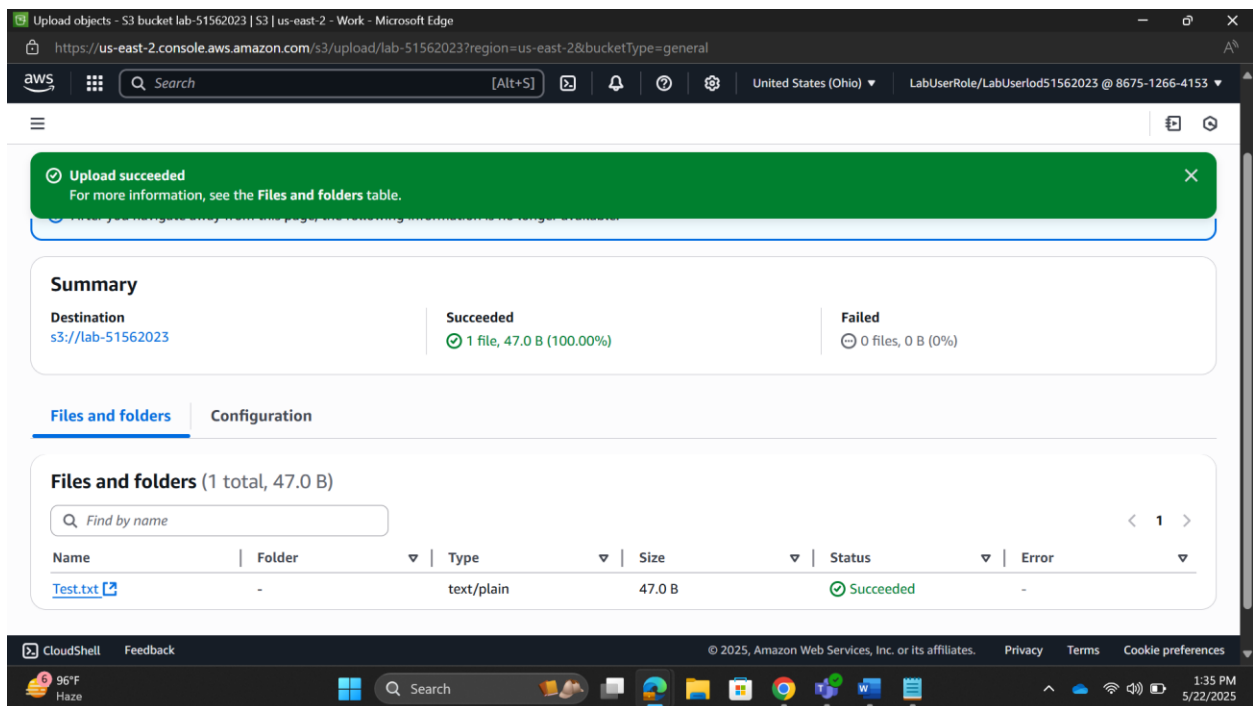|	Name ▽	Folder ▽	Type ▽	Size ▽

No files or folders
You have not chosen any files or folders to upload.
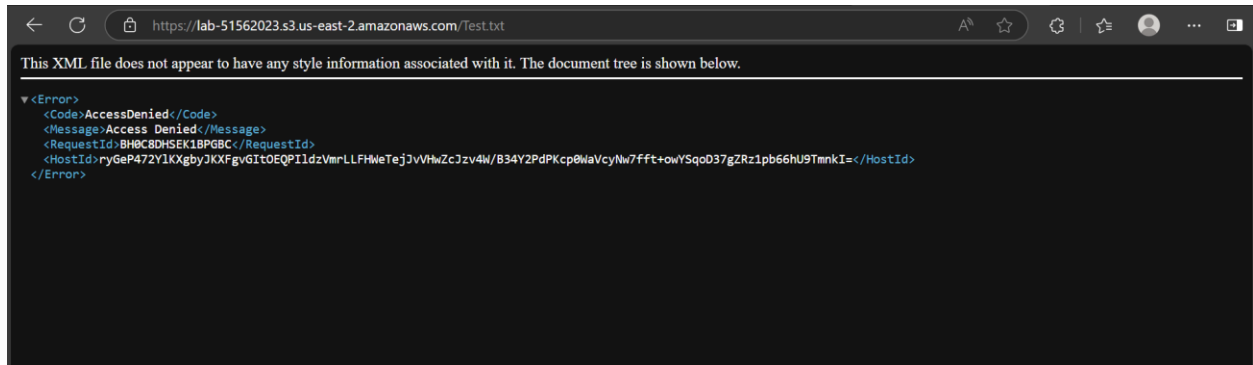
Destination Info

Destination

Click upload

Open Test file -> copy object URL and open it in new tab -> review error message

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
<Error>
    <Code>AccessDenied</Code>
    <Message>Access Denied</Message>
    <RequestId>BH0C8DHSEK1BPGBC</RequestId>
    <HostId>ryGeP472YlKXgbyJKXFgvGItOEQPIldzVmrLLFHWeTejJvVHwZcJzv4W/B34Y2PdPKcp0WaVcyNw7fft+owYSqoD37gZRz1pb66hU9TmnkI=</HostId>
</Error>
```
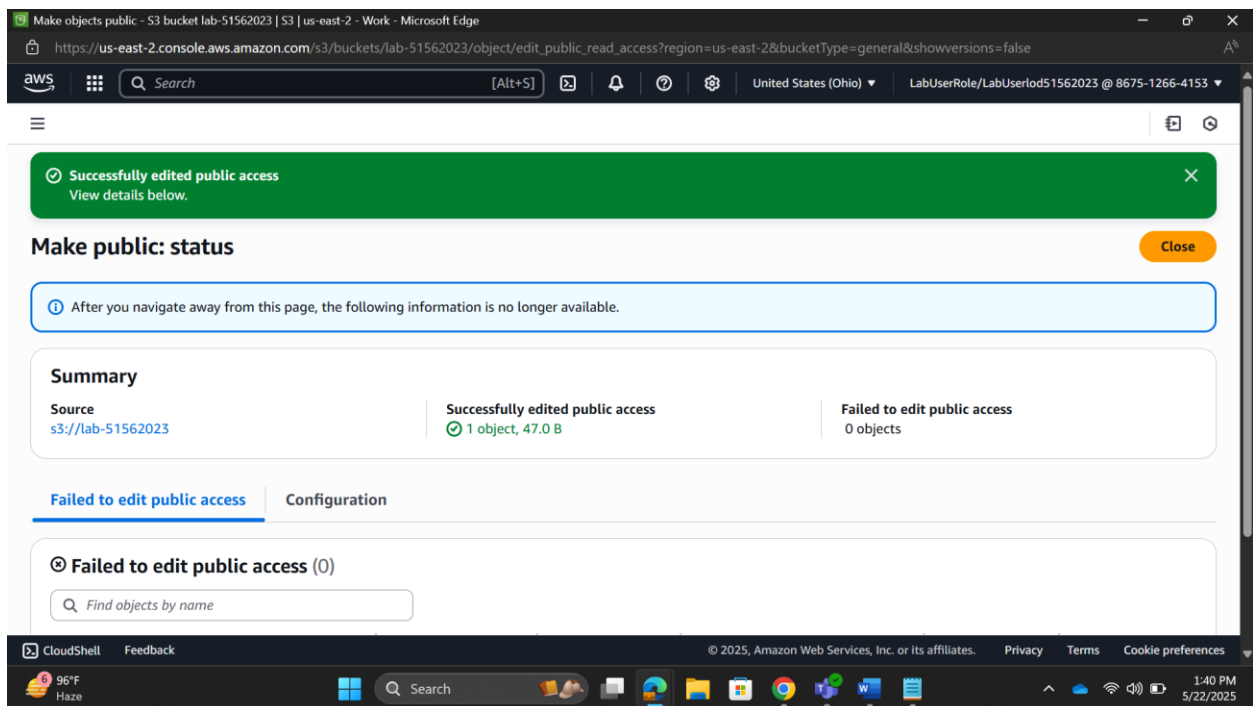
Task 4: Modify your file permissions

Open Test.txt file -> object actions -> Make public using ACL -> Make Public
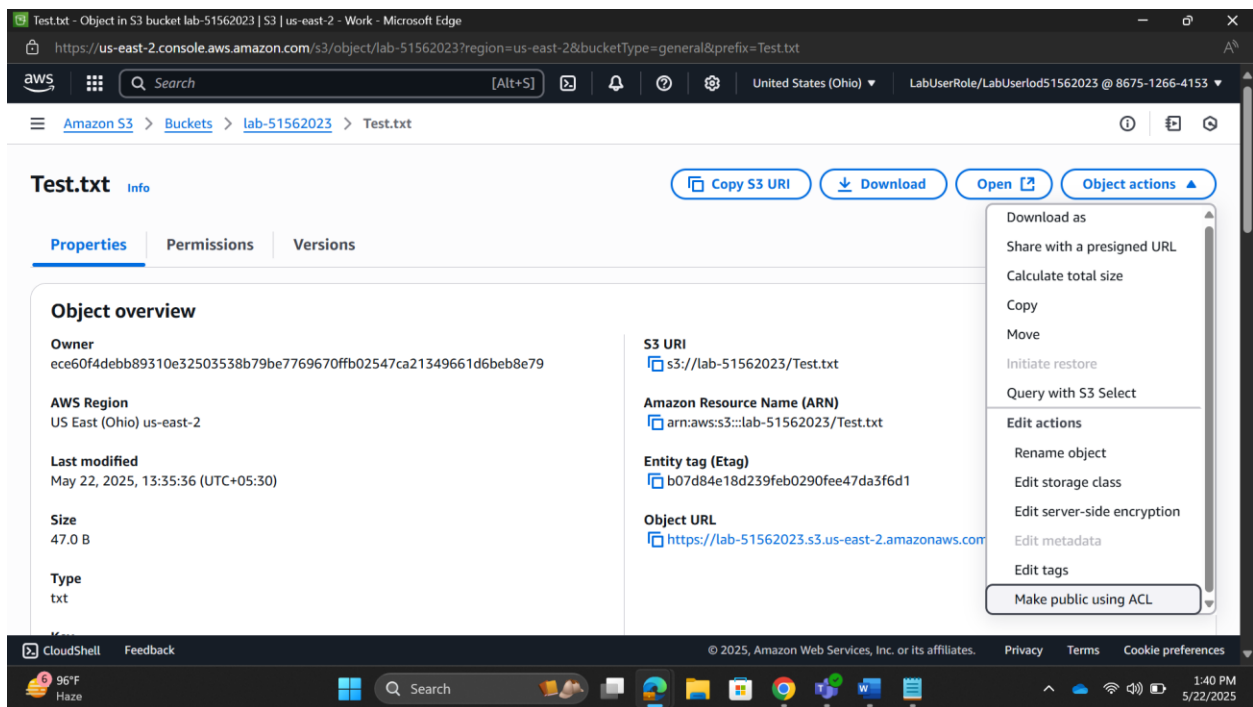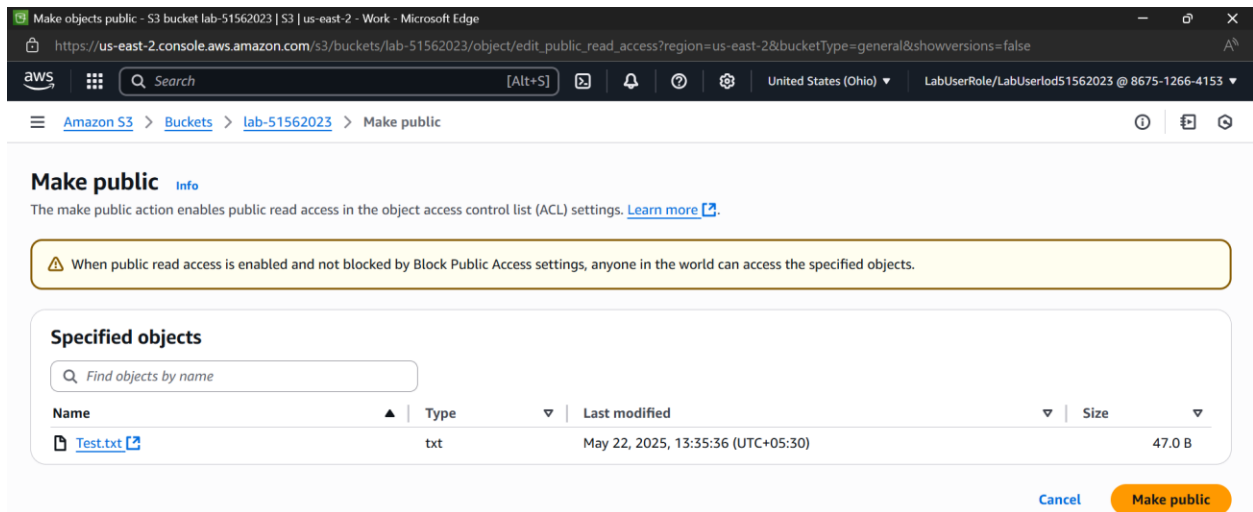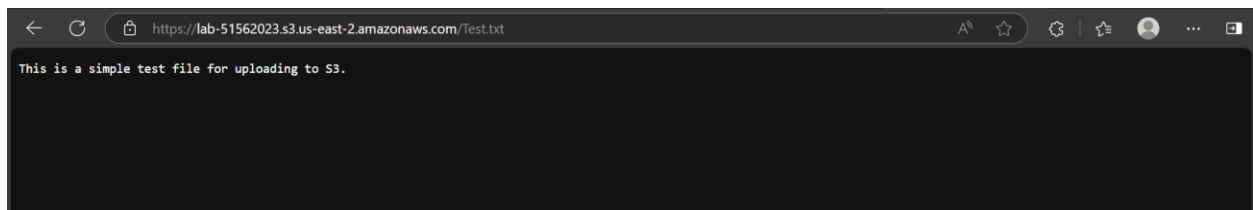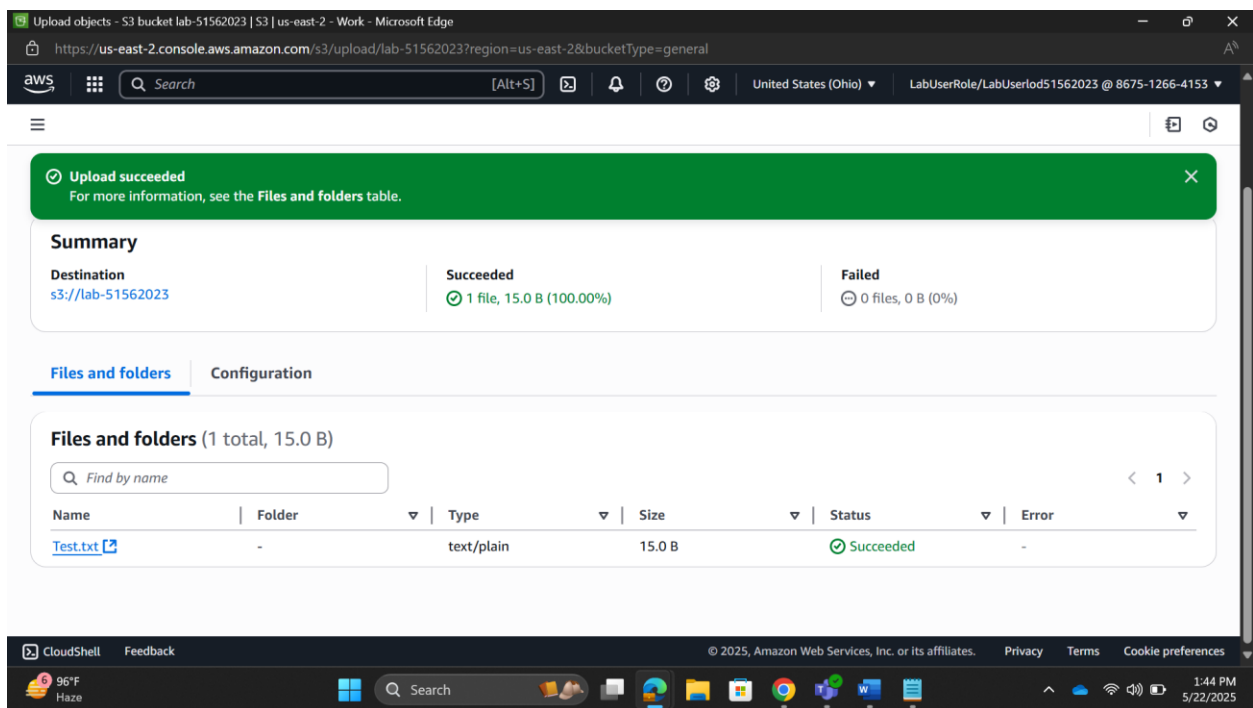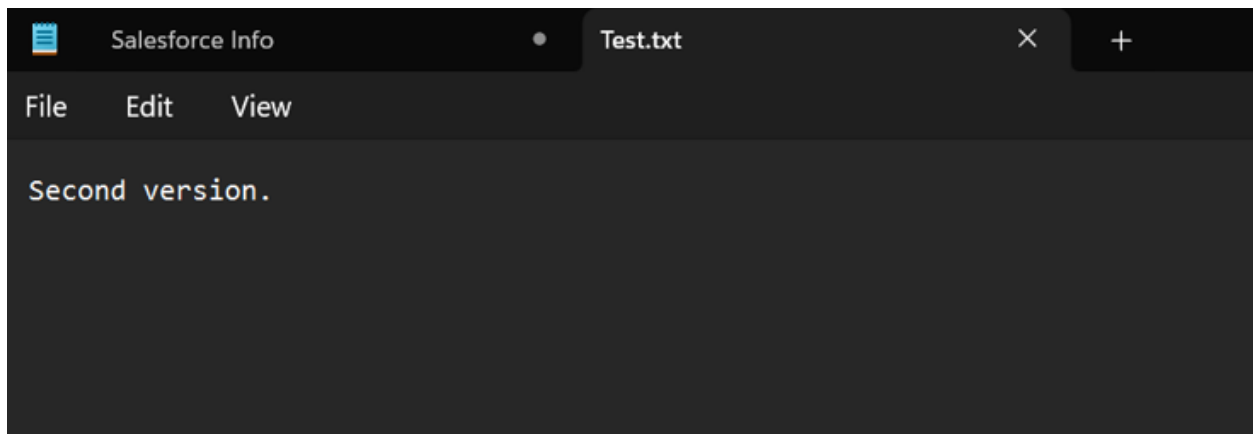
Click make public

Again copy object URL and open in new tab and review the file

Task 5: Verify version control

Change the content of Test.txt file to **Second Version** and again upload the file to bucket

Open the Test file -> versions Tab -> check there must be 2 versions

You are done with the Lab!!!!