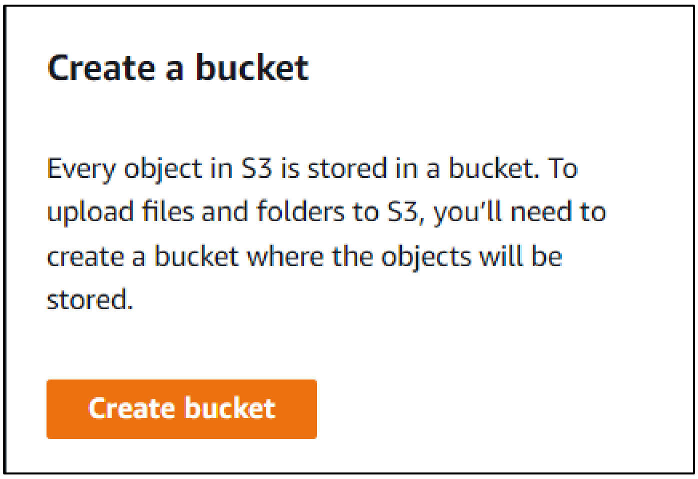
# Assignment 5: Create a public bucket in AWS. Upload a file and give necessary permissions to access the file.

## Creating public bucket

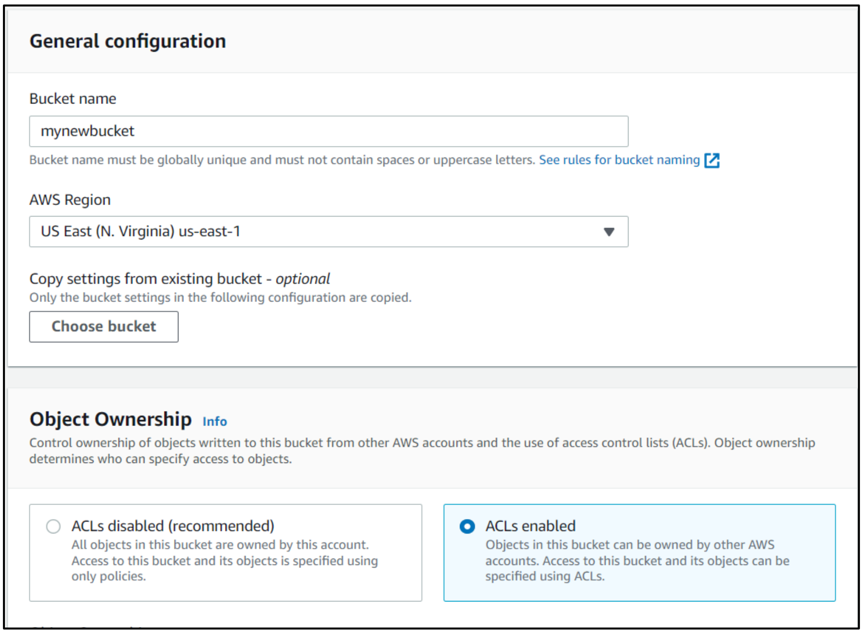
1. Go to **Search** and search S3.
2. Click on **Create Bucket.**



Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

3. Give a unique Bucket Name.
4. Check **ACL Enabled**.



General configuration

Bucket name

mynewbucket

Bucket name must be globally unique and must not contain spaces or uppercase letters. See rules for bucket naming

AWS Region

US East (N. Virginia) us-east-1

Copy settings from existing bucket - *optional*

Only the bucket settings in the following configuration are copied.

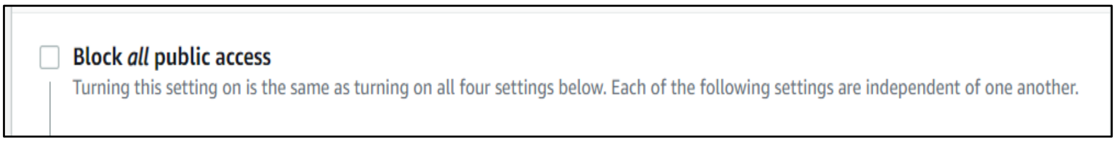
Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

○ ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

● ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

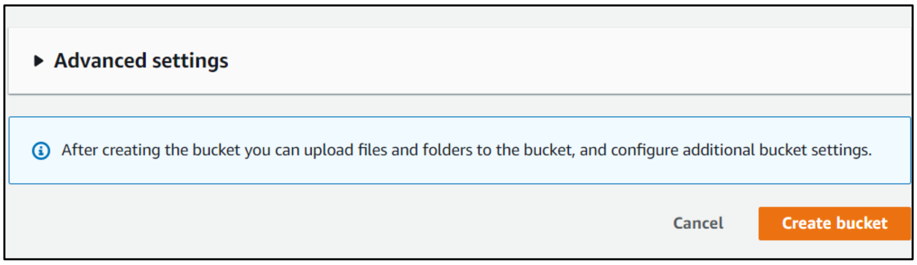
5. UnCheck **Block all public access.**



□ Block *all* public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

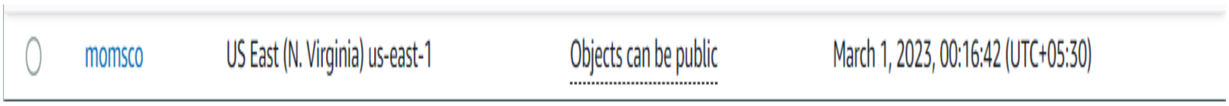
6. Click **Create Bucket.**



▸ Advanced settings

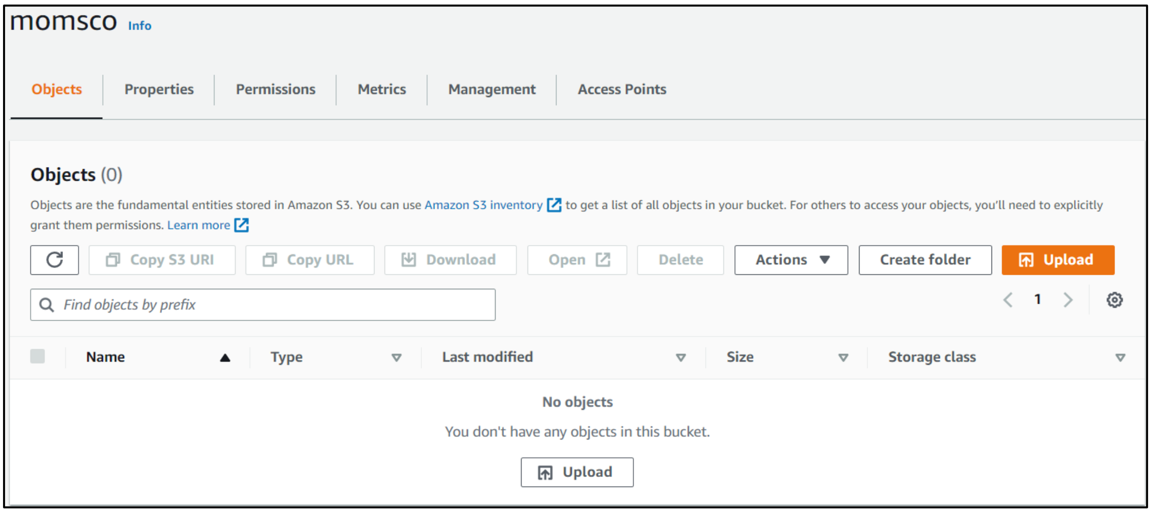
After creating the bucket you can upload files and folders to the bucket, and configure additional bucket settings.

1. Click on Bucket name to enter into our bucket.



| | | | | |
|---|---|---|---|---|
| ○ | momsco | US East (N. Virginia) us-east-1 | Objects can be public | March 1, 2023, 00:16:42 (UTC+05:30) |

2. Choose **upload** and **'add files'** or **'add folders'** upload the required files or folders.



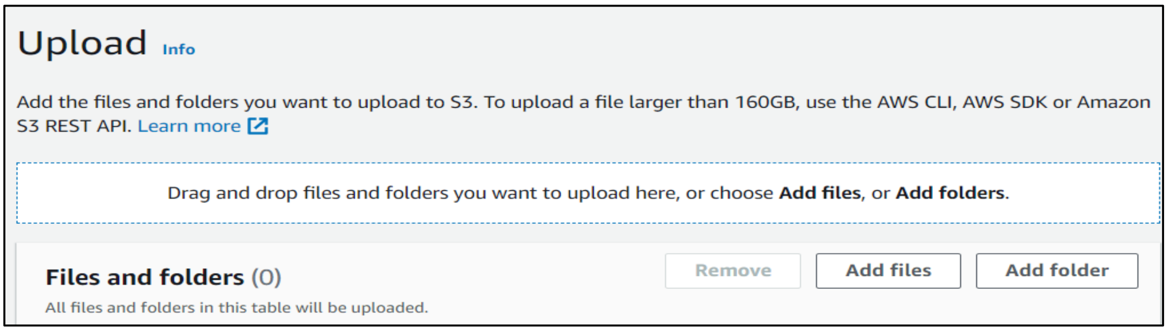
Objects (0)

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

| □ | Name ▲ | Type ▽ | Last modified ▽ | Size ▽ | Storage class ▽ |
|---|---|---|---|---|---|

No objects

You don't have any objects in this bucket.



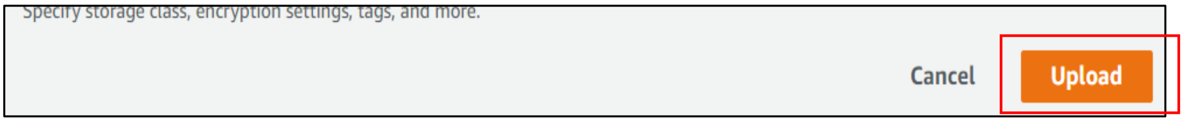
Upload Info

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

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

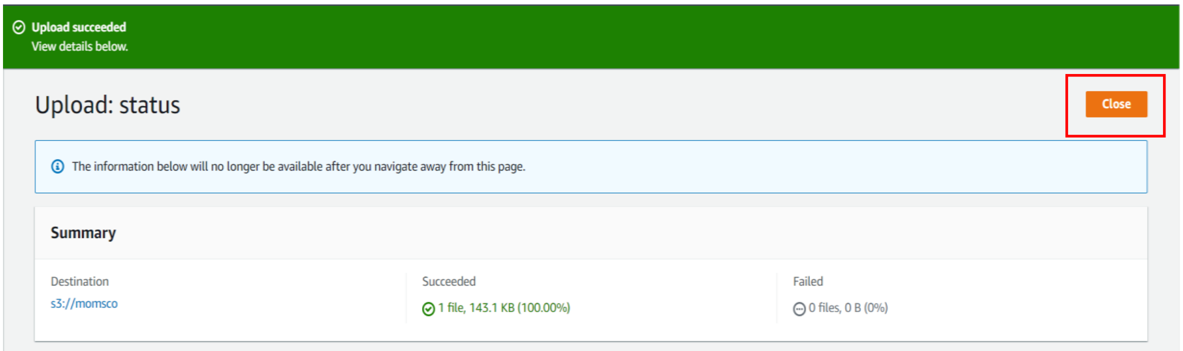
Files and folders (0)

All files and folders in this table will be uploaded.



Specify storage class, encryption settings, tags, and more.

3. Click **Upload**, after upload completion click **Close**.



Upload succeeded
View details below.

Upload: status

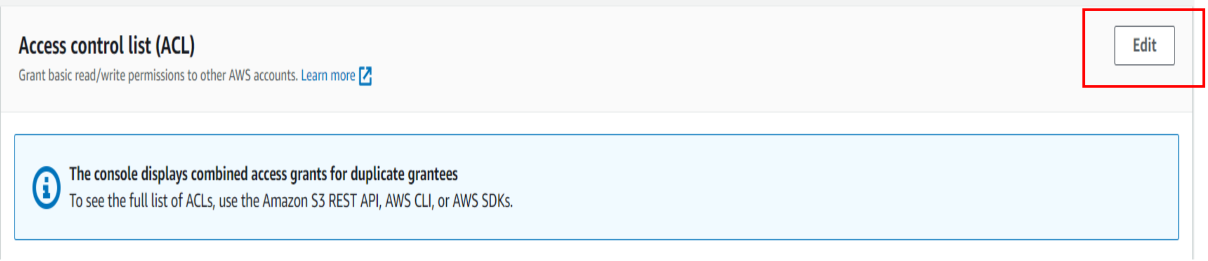
The information below will no longer be available after you navigate away from this page.

Summary

| Destination | Succeeded | Failed |
|---|---|---|
| s3://momsco | 1 file, 143.1 KB (100.00%) | 0 files, 0 B (0%) |

## Public bucket access control

1. Click on **document.**
2. Go to **permissions.**
3. Click **Edit in ACL**.



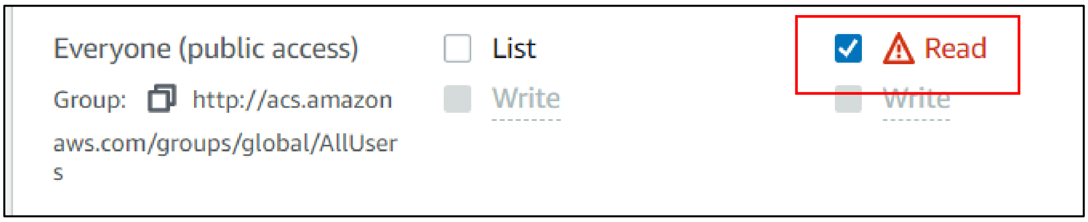
Access control list (ACL)

Grant basic read/write permissions to other AWS accounts. Learn more

The console displays combined access grants for duplicate grantees

To see the full list of ACLs, use the Amazon S3 REST API, AWS CLI, or AWS SDKs.

4. Check the boxes for “Everyone public access read”.



Everyone (public access)

Group: http://acs.amazonaws.com/groups/global/AllUsers

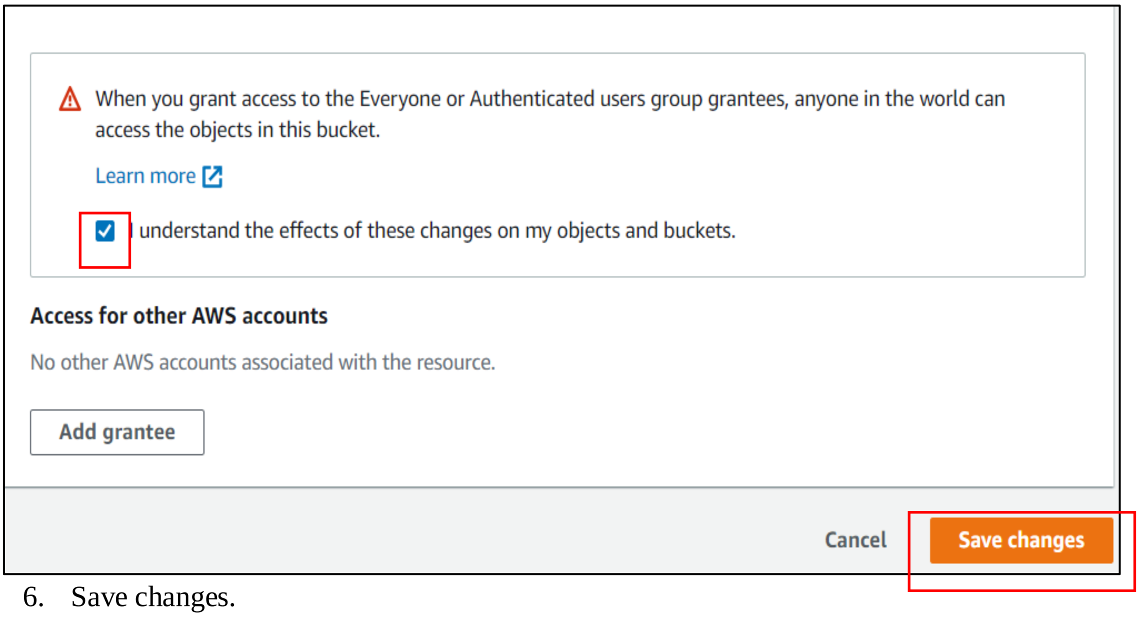
□ List

□ Write

☑ Read

□ Write

5. Check “ I understand”.



When you grant access to the Everyone or Authenticated users group grantees, anyone in the world can access the objects in this bucket.

Learn more

☑ I understand the effects of these changes on my objects and buckets.

Access for other AWS accounts

No other AWS accounts associated with the resource.

6. Save changes.

7. Refresh object url and use it.