

## Task 1

**Description:** To upload, organize, and manage objects in an Amazon S3 bucket. This task demonstrates how to use Amazon S3 to create a bucket, organize data using folders, upload files, view object properties and metadata, download objects, and delete objects.

### Prerequisites

- Access to AWS Learner Lab
- AWS Management Console access
- Amazon S3 service
- Sample files (CSV, JSON, Image)

### Process

1. Logged into AWS Management Console.
2. Opened the Amazon S3 service.
3. Created a new S3 bucket.

4. Opened the created bucket.
5. Created folders inside the bucket to organize files.
6. Uploaded CSV, JSON, and image files into their respective folders.

The screenshot shows the AWS S3 console with the path: Amazon S3 > Buckets > aws-s3-bucket-object-management. The 'Objects' tab is active. A table lists three objects:

Name	Type	Last modified	Size	Storage class
csv-files/	Folder	-	-	-
images/	Folder	-	-	-
json-files/	Folder	-	-	-

**7. Opened an uploaded file to view its object properties.**

The screenshot shows the AWS S3 object properties for 's3-image.png'. The 'Properties' tab is active. The object overview includes:

- Owner: [REDACTED]
- AWS Region: US East (N. Virginia) us-east-1
- Last modified: [REDACTED]
- Size: 2.8 KB
- Type: png
- Key: images/s3-image.png

Associated metadata includes:

- S3 URI: s3://aws-s3-bucket-object-management/images/s3-image.png
- Amazon Resource Name (ARN): [REDACTED]
- Entity tag (Etag): [REDACTED]
- Object URL: https://aws-s3-bucket-object-management.s3.us-east-1.amazonaws.com/images/s3-image.png

**8. Viewed the metadata of the selected object**

The screenshot shows the AWS S3 object metadata for 's3-image.png'. The 'Metadata' tab is active. It displays one entry:

Type	Key	Value
System defined	Content-Type	image/png

**9. Downloaded one file from the bucket.**

The screenshot shows the AWS S3 console with the path: Amazon S3 > Buckets > aws-s3-bucket-object-management > images/. The 'Objects' tab is active. A table lists one object:

Name	Type	Last modified	Size	Storage class
s3-image.png	png	February 11, 2026, 10:46:03 (UTC+05:30)	2.8 KB	Standard

**10. Deleted one file from the bucket and confirmed deletion.**

The screenshots show the AWS S3 console interface:

- Screenshot 1: Object List**  
Shows a list of objects in the 'images/' folder. One file, 's3-image.png', is selected. The table includes columns for Name, Type, Last modified, Size, and Storage class.
- Screenshot 2: Delete Objects Confirmation**  
Shows the 'Delete objects' confirmation dialog. It lists the selected object 's3-image.png'. A note says: "If a folder is selected for deletion, all objects in the folder will be deleted, and any new objects added while the delete action is in progress might also be deleted. If an object is selected for deletion, any new objects with the same name that are uploaded before the delete action is completed will also be deleted." A 'permanently delete' input field contains the text 'permanently delete'.
- Screenshot 3: Delete Status**  
Shows the 'Delete objects: status' page. It indicates 'Successfully deleted' (1 object, 2.8 KB) and 'Failed to delete' (0 objects). The 'Failed to delete' section shows a table with 0 rows.

## Output:

- S3 bucket created successfully.
- Folders created inside the bucket.
- Files uploaded successfully.
- Object properties and metadata displayed.
- File downloaded successfully.
- Object deleted successfully.