



# Task 1: AWS S3 Cloud Storage Setup



## Task Objective:

Create and configure cloud storage on **AWS S3** as part of the internship at **Codtech**.

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## Task Summary

- **S3 Bucket Name:** `codtech-task-1`
  - **Service Used:** Amazon S3 (Simple Storage Service)
  - **Cloud Platform:** AWS
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## Steps Performed

### 1. Created an S3 Bucket

- Logged into AWS Console.
- Navigated to **Amazon S3** service.
- Clicked on **Create bucket**.
- Named the bucket: `codtech-task-1`.
- Chose **default AWS Region** (e.g., `us-east-1`).
- Left other settings as default.
- Created the bucket.

### 2. Uploaded a File

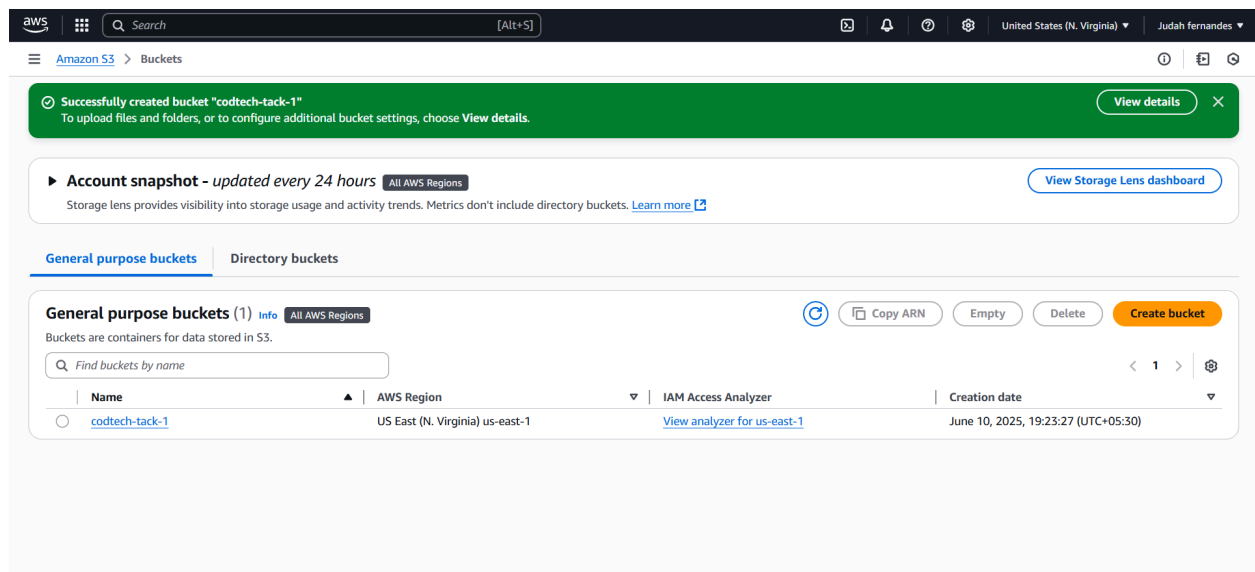
- Opened the bucket: `codtech-task-1`.
- Clicked **Upload** → Added a test file (e.g., `sample.txt`).
- Successfully uploaded the file.

### 3. Enabled Public Access using ACL

- Selected the uploaded file.
- Went to **Permissions** tab.
- Under **Access Control List (ACL)**:
  - Enabled **public read access** for "Everyone".
  - Confirmed the warning and saved setting

## Screenshots

- Screenshot of the bucket created



- Screenshot of the uploaded file

The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with the AWS logo, a search bar, and user information. Below the navigation bar, a green banner indicates "Upload succeeded" with a message: "For more information, see the Files and folders table." Below this, the "Upload: status" section shows a summary of the upload. The destination is "s3://codetech-task-1". The "Succeeded" status shows "1 file, 1.8 MB (100.00%)". The "Failed" status shows "0 files, 0 B (0%)". Below the summary, there are tabs for "Files and folders" and "Configuration". The "Files and folders" tab is active, showing a table with 1 total file, 1.8 MB. The table has columns for Name, Folder, Type, Size, Status, and Error. The file "Offer letter.pdf" is listed with a status of "Succeeded".

- Screenshot of public access setting

The screenshot shows the AWS S3 console interface for the "codetech-task-1" bucket. At the top, there's a navigation bar with the AWS logo, a search bar, and user information. Below the navigation bar, a green banner indicates "Successfully edited Object Ownership." Below this, the "Block public access (bucket settings)" section is visible. It shows "Block all public access" is turned "On". Below this, the "Bucket policy" section is visible. It shows "Public access is blocked because Block Public Access settings are turned on for this bucket".

## What I Learned

- How to create and manage an S3 bucket in AWS.
- How to upload files to AWS S3.

- How to manage access permissions using ACLs.
  - The importance of access control and secure file hosting.
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## Status

 **Task Completed**

 Date: *[10th June 2025]*

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