

## TASK-1 REPORT

### **Task-1: Cloud Storage Setup using AWS S3**

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**Internship:** Cloud Computing Virtual Internship  
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**Task Number:** Task-1- CLOUD STORAGE SETUP

**INTERN ID:** CT04DR2400

**Cloud Platform:** Amazon Web Services (AWS)

**Duration:** 1 MONTH

### **Objective**

The objective of this task is to create and configure cloud storage using Amazon S3, upload example files, and configure access permissions to verify public accessibility.

### **Tools Used**

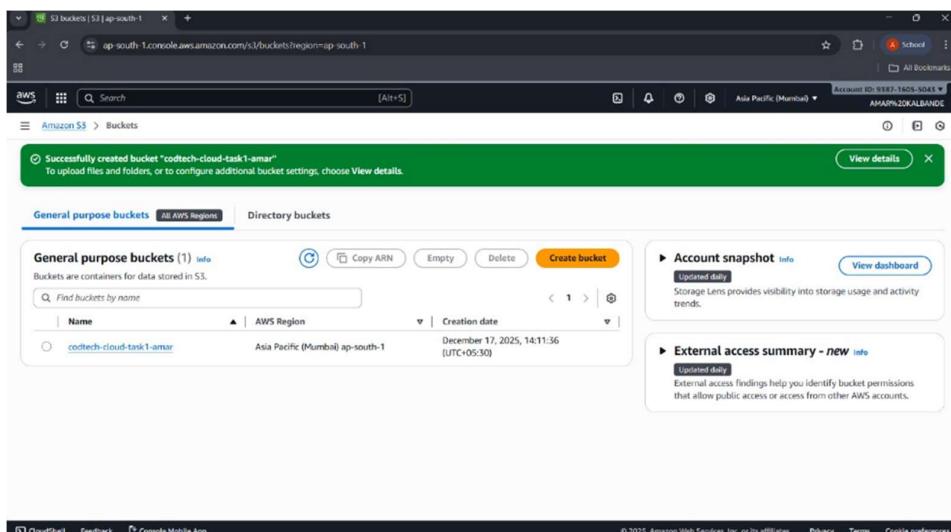
- Amazon Web Services (AWS)
- Amazon S3 (Simple Storage Service)

### **steps Performed**

Write this:

1. Logged in to the AWS Management Console.
2. Created an Amazon S3 bucket in the Mumbai region.
3. Uploaded example files such as image, text, and PDF files.
4. Disabled Block Public Access settings for demonstration.
5. Configured a bucket policy to allow public read access.
6. Verified access by opening the file directly in a web browser

## Screenshot 1: Bucket Created



Amazon S3 bucket was successfully created.

## Screenshot 2: Files Uploaded

The screenshot shows the AWS S3 console interface. At the top, a green success message box displays "Upload succeeded" and "For more information, see the Files and folders table." Below this, the "Summary" section shows a destination of "s3://codetech-cloud-task1-amar" with a status of "Succeeded" for "3 files, 347.6 KB (100.00%)" and "Failed" for "0 files, 0 B (0%)". The "Files and folders" tab is selected, showing a table of three uploaded files:

Name	Folder	Type	Size	Status	Error
IMAGE.jpg	-	image/jpeg	140.6 KB	Success	-
DEMO CLOUD.pdf	-	application/pdf	206.7 KB	Success	-
FILE.txt	-	text/plain	269.0 B	Success	-

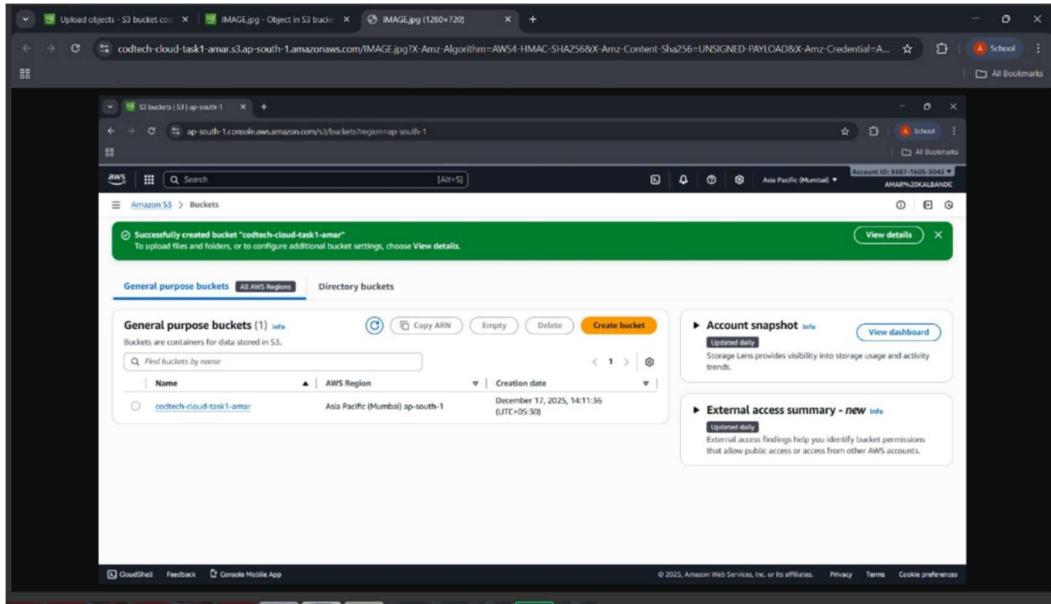
Example files were uploaded to the S3 bucket.

## Screenshot 3: Block Public Access Disabled

The screenshot shows the AWS S3 bucket permissions settings page for the bucket "codetech-cloud-task1-amar". A green success message box at the top states "Successfully edited Block Public Access settings for this bucket." The "Permissions" tab is selected. In the "Block public access (bucket settings)" section, it is shown that "Block all public access" is currently "Off".

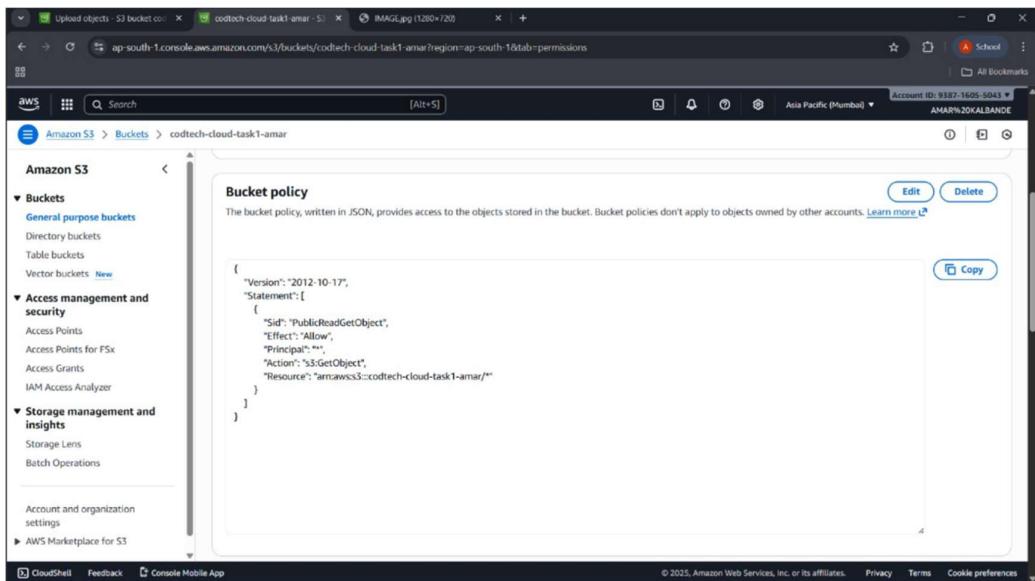
Block public access was disabled to allow controlled public access.

## Screenshot 4: File Opened in Browser



The file was accessed directly from the browser, confirming public access.

## Screenshot 5: Bucket Policy JSON



Bucket policy was configured using JSON to allow read access.

## **Result**

The Amazon S3 bucket was successfully created, files were uploaded, and access permissions were configured. Public access was verified by opening the file directly in a browser.

## **Conclusion**

This task helped in understanding cloud storage concepts, access control, and secure file sharing using AWS S3.

## **References**

- AWS Documentation
- CODTECH Internship Guidelines