

## Problem Statement:

You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

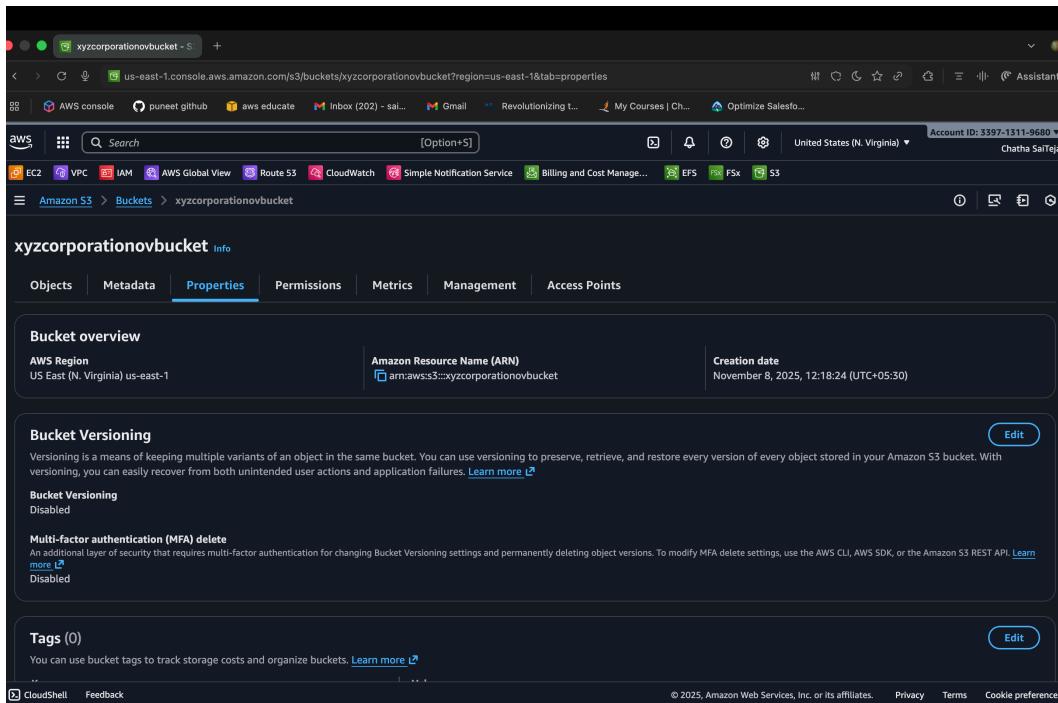
## Tasks To Be Performed:

1. Enable versioning for the bucket created in task 1.
2. Re-upload any 2 files already uploaded to verify if versioning works

## Step-By-Step Procedure:-

**Step 1:-** First of all What is Versioning — it allows you to keep multiple versions of objects within the same bucket.

To enable bucket versioning for bucket which we created in Task 1, go to properties in bucket dashboard — there we can see the bucket versioning we have to click on edit —and select enable now you can see show versions.



The screenshot shows the AWS S3 Bucket Properties page for the bucket 'xyzcorporationovbucket'. The 'Properties' tab is active. In the 'Bucket overview' section, the ARN is listed as 'arn:aws:s3:::xyzcorporationovbucket'. The 'Bucket Versioning' section shows that versioning is 'Disabled'. A blue 'Edit' button is located next to the versioning settings. At the bottom of the page, there is a 'Tags (0)' section with a note about using tags to track storage costs and organize buckets, followed by a 'CloudShell' and 'Feedback' link.

Click on Properties and go to Bucket Versioning

**Bucket Versioning**

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

**Bucket Versioning**

- Suspend
- This suspends the creation of object versions for all operations but preserves any existing object versions.
- Enable

After enabling Bucket Versioning, you might need to update your lifecycle rules to manage previous versions of objects.

**Multi-factor authentication (MFA) delete**

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

[Cancel](#) [Save changes](#)

Select enable and click on save changes

**Step 2:-** As bucket version is enabled we can add any two same files then It shows previous versions, so click on add file and add docx and csv file Then click on show versions then we can see version id for those new files and null for previous files.

**xyzcorporationovbucket** [Info](#)

[Objects](#) [Metadata](#) [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

**Objects (5)**

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
Akshaya.jpg	jpg	November 8, 2025, 12:22:11 (UTC+05:30)	1.2 MB	Standard
Assignment.pdf	pdf	November 8, 2025, 12:22:12 (UTC+05:30)	906.8 KB	Standard
Guidelines+to+upload+documents+-+NEw-SVS.docx	docx	November 8, 2025, 12:22:13 (UTC+05:30)	13.3 KB	Standard
main.py	py	November 8, 2025, 12:22:07 (UTC+05:30)	0 B	Standard
saitejajnv123@gmail.com.csv	csv	November 8, 2025, 12:22:08 (UTC+05:30)	254.0 B	Standard

[CloudShell](#) [Feedback](#)

Click on add files

The screenshot shows the AWS S3 console interface. At the top, a green banner indicates "Upload succeeded". Below it, a summary table shows "Succeeded" (2 files, 13.6 KB (100.00%)) and "Failed" (0 files, 0 B (0%)). The "Files and folders" tab is selected, displaying a table of uploaded files:

Name	Folder	Type	Size	Status
saitejajnv123@gmail.com.csv	-	text/csv	254.0 B	Succeeded
Guidelines+to+upload+documents+-+New+SVS.docx	-	application/vnd.openxmlfor...	13.3 KB	Succeeded

Two files are uploaded

The screenshot shows the AWS S3 console with the "Objects" view for the xyzcorporationovbucket. It displays seven objects, including versions of the two previously uploaded files. The table includes columns for Name, Type, Version ID, Last modified, Size, and Storage class.

Name	Type	Version ID	Last modified	Size	Storage class
Akshaya.jpg	jpg	null	November 8, 2025, 12:22:11 (UTC+05:30)	1.2 MB	Standard
Assignment.pdf	pdf	null	November 8, 2025, 12:22:12 (UTC+05:30)	906.8 KB	Standard
Guidelines+to+upload+documents+-+New+SVS.docx	docx	2FkapoFlfsAW1F7LeDpcfJ5E8k25Jk	November 8, 2025, 12:25:15 (UTC+05:30)	13.3 KB	Standard
Guidelines+to+upload+documents+-+New+SVS.docx	docx	null	November 8, 2025, 12:22:13 (UTC+05:30)	13.3 KB	Standard
main.py	py	null	November 8, 2025, 12:22:07 (UTC+05:30)	0 B	Standard
saitejajnv123@gmail.com.csv	csv	7pOvZehoQnnRQ8c_MSF_5x0Rr9gRK00_	November 8, 2025, 12:25:14 (UTC+05:30)	254.0 B	Standard
saitejajnv123@gmail.com.csv	csv	null	November 8, 2025, 12:22:08 (UTC+05:30)	254.0 B	Standard

We can see previous versions of those two files