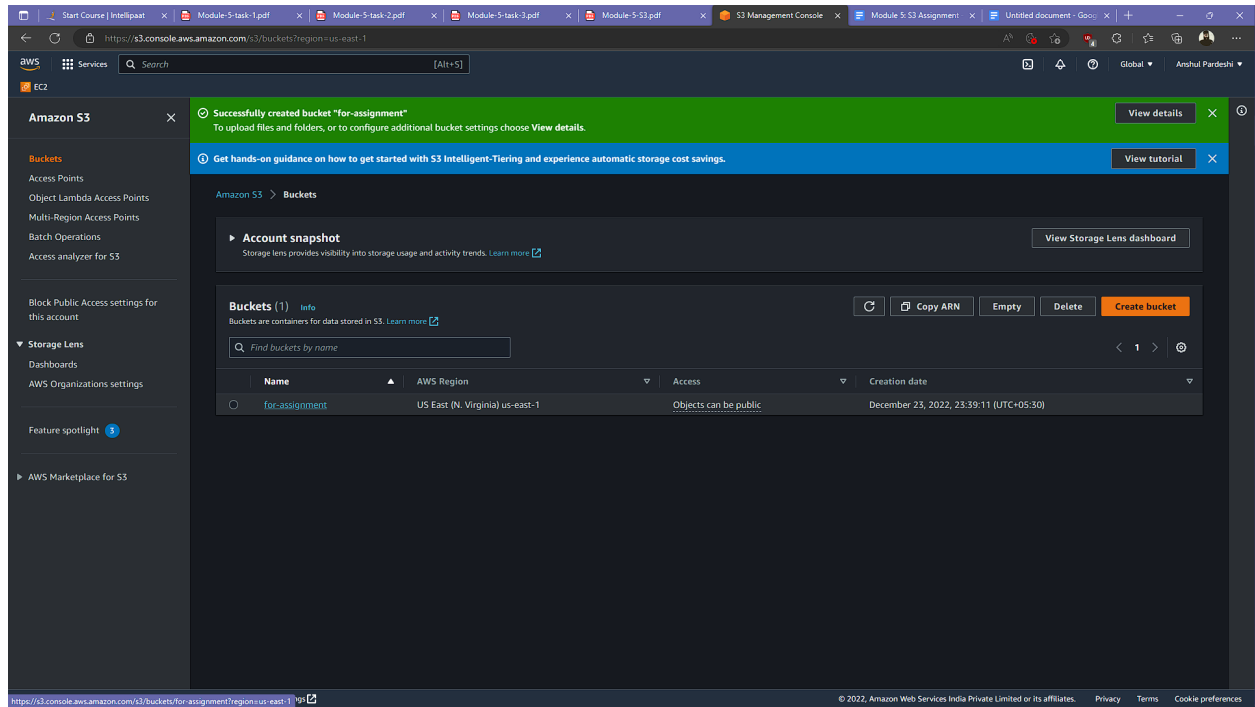


Module 5: S3 Assignment - 2

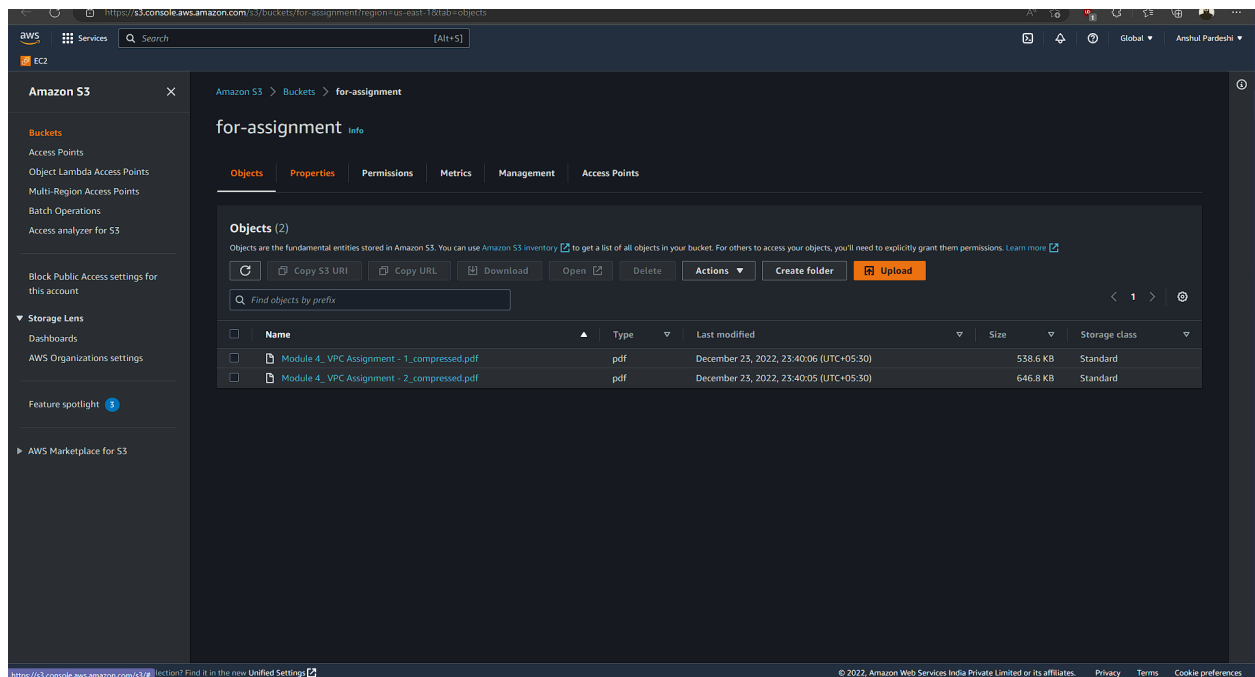
You have been asked to:

1. Enable versioning for the bucket created in task 1
2. Now upload the same 2 objects and verify if the versioning works.

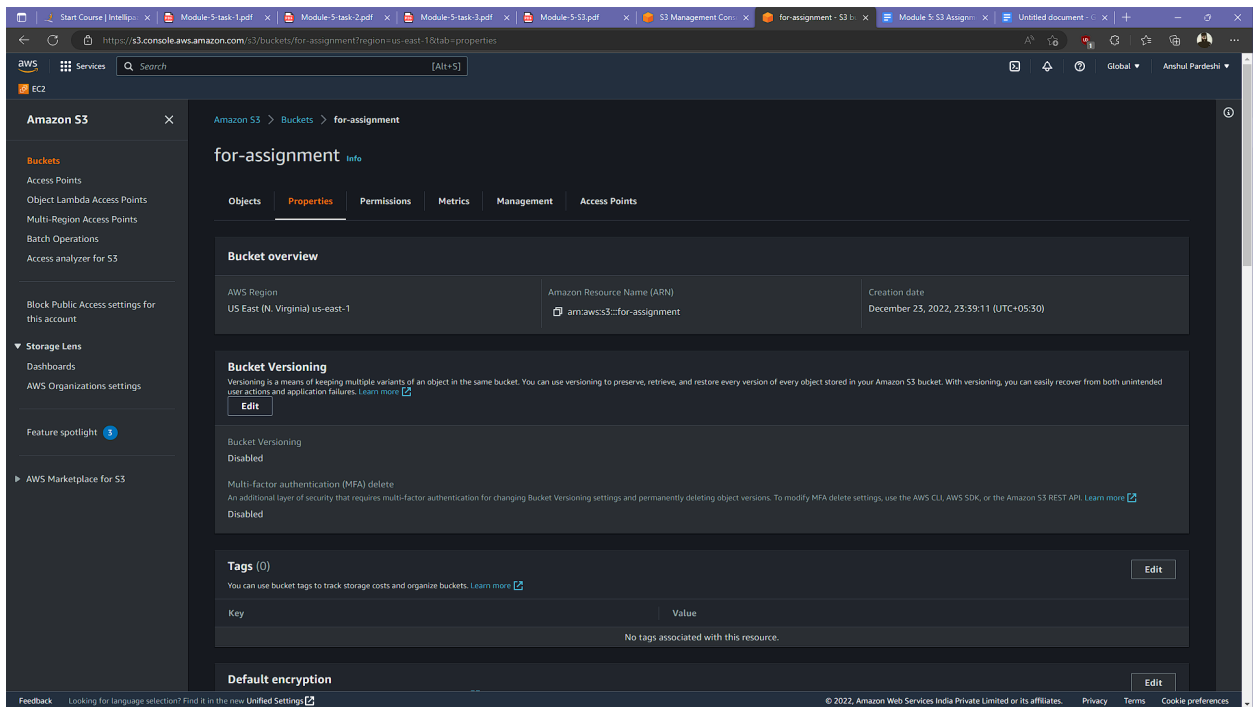
Select the bucket and enter into it.



Click on properties.

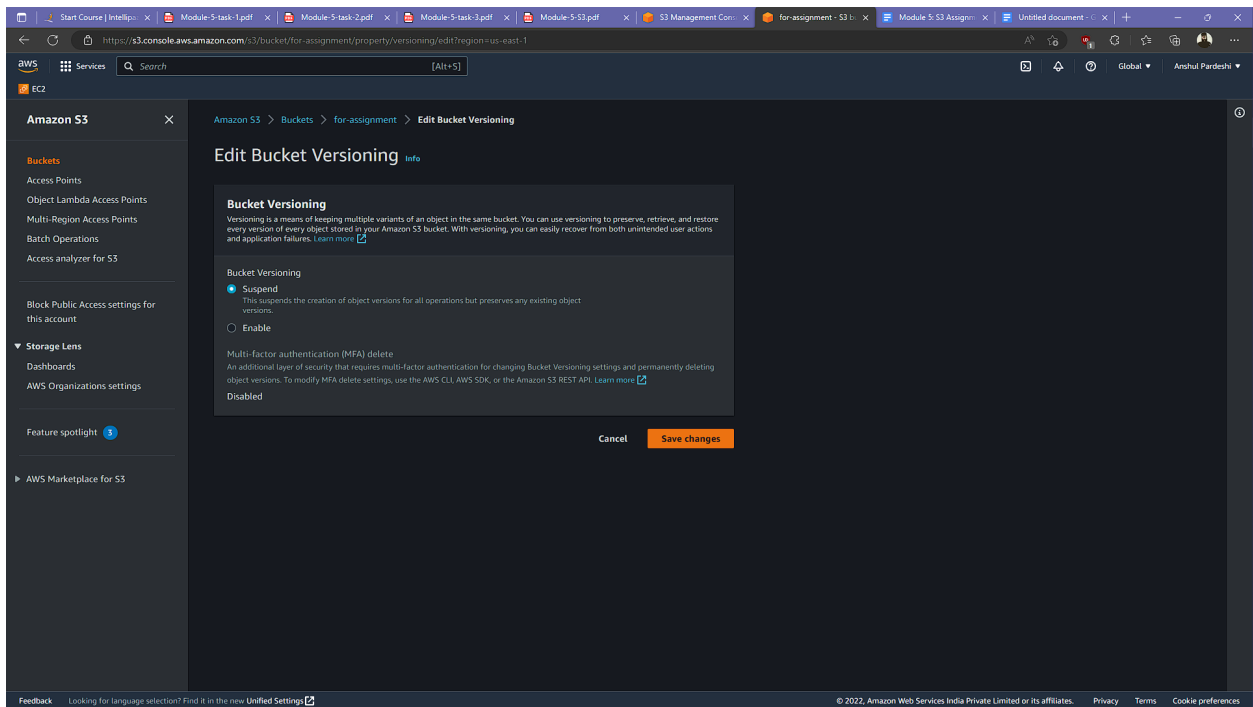


Scroll down. Click edit on Bucket versioning.



The screenshot shows the AWS Management Console for the 'for-assignment' bucket. The left sidebar contains navigation links for Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, Access analyzer for S3, Storage Lens, and AWS Marketplace for S3. The main content area displays the bucket's properties, including the AWS Region (US East (N. Virginia) us-east-1), Amazon Resource Name (ARN) (arn:aws:s3:::for-assignment), and Creation date (December 23, 2022, 23:39:11 UTC+05:30). The 'Bucket Versioning' section indicates that versioning is disabled. The 'Tags' section shows no tags are associated with the resource. The 'Default encryption' section is also visible.

By default it is on suspend.



The screenshot shows the 'Edit Bucket Versioning' dialog in the AWS Management Console. The 'Bucket Versioning' section shows that versioning is set to 'Suspend'. The 'Multi-factor authentication (MFA) delete' section shows that MFA delete is disabled. The 'Cancel' and 'Save changes' buttons are visible at the bottom.

Click on Enable and then save changes.

Amazon S3 > Buckets > for-assignment > Edit Bucket Versioning

Edit 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

Bucket versioning is enabled.

Successfully edited Bucket Versioning
To transition, archive, or delete older object versions, configure lifecycle rules for this bucket.

Amazon S3 > Buckets > for-assignment

for-assignment

Objects Properties Permissions Metrics Management Access Points

Bucket overview

AWS Region US East (N. Virginia) us-east-1	Amazon Resource Name (ARN) arn:aws:s3::for-assignment	Creation date December 25, 2022, 23:39:11 (UTC+05:30)
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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](#)

[Edit](#)

Bucket Versioning

Enabled

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

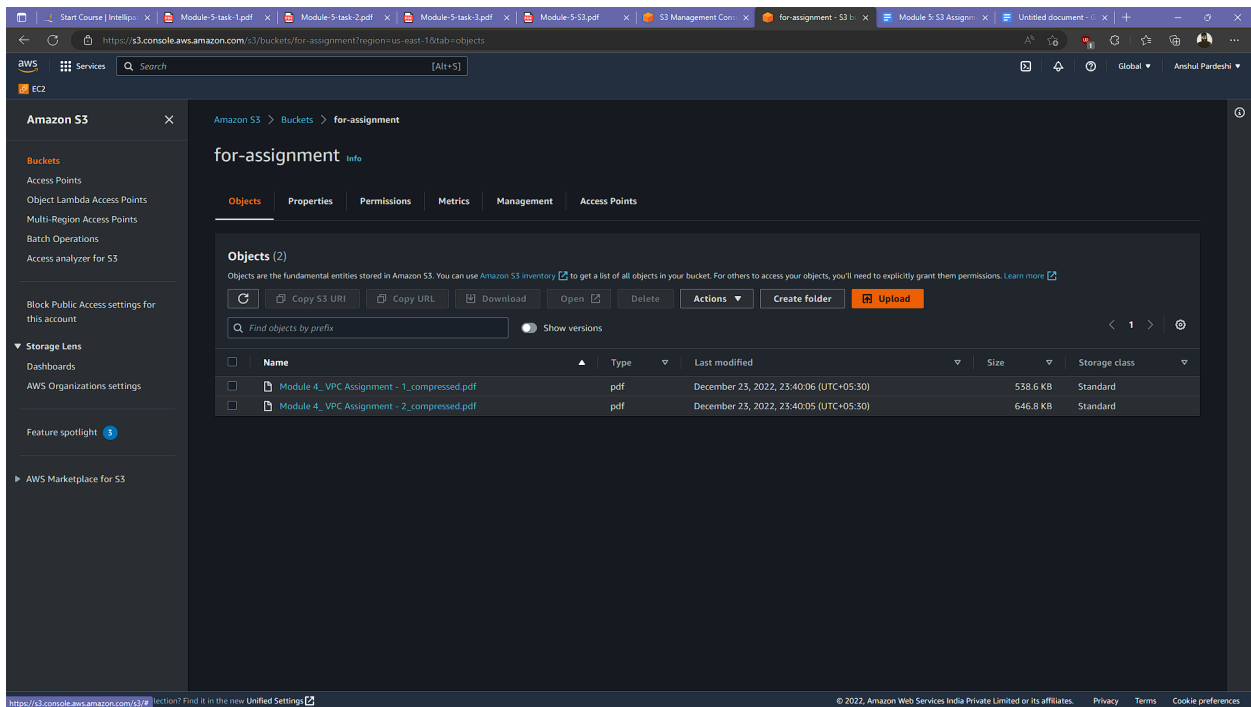
Tags (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

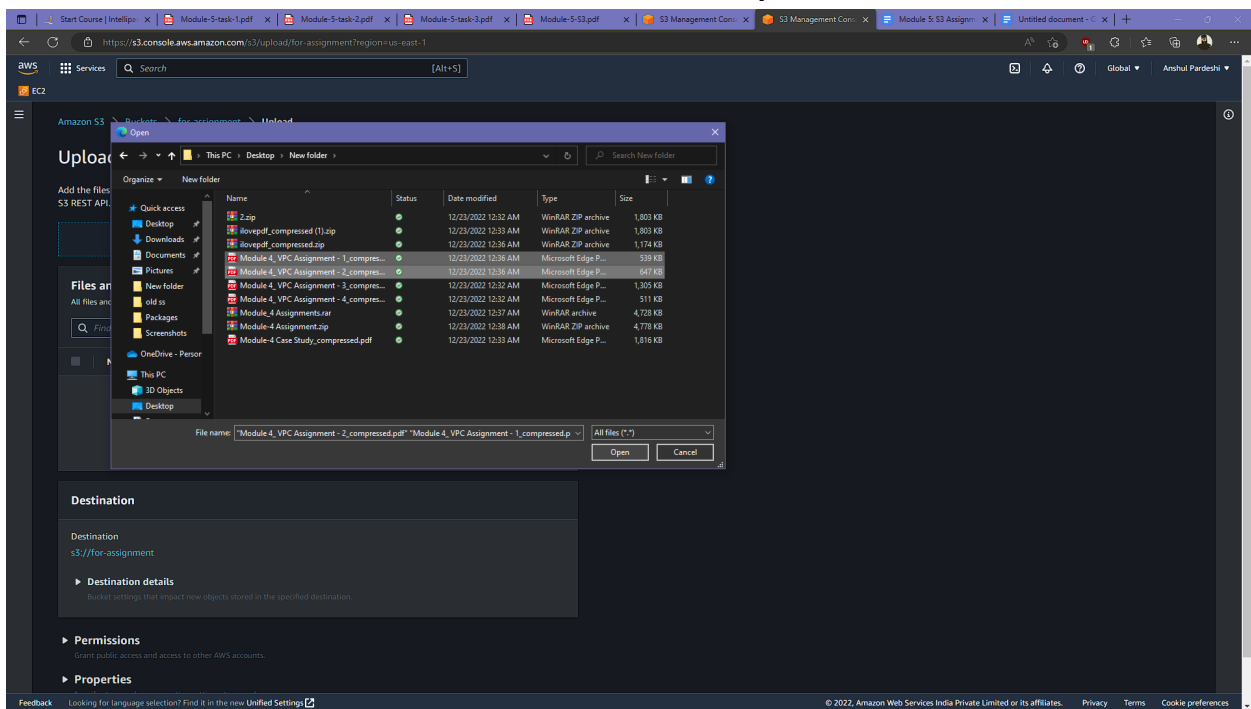
[Edit](#)

Key	Value
No tags associated with this resource.	

Now click on upload to upload the same files to see how versioning works.



Select the same files to upload.



Click on upload.

Upload

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 (2 Total, 1.2 MB) [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	Module 4_VPC Assignment - 1_compressed.pdf	-	application/pdf	538.6 KB
<input type="checkbox"/>	Module 4_VPC Assignment - 2_compressed.pdf	-	application/pdf	646.8 KB

Destination

Destination: [s3://for-assignment](#)

Destination details
Bucket settings that impact how objects stored in the specified destination.

Permissions
Grant public access and access to other AWS accounts.

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

[Cancel](#) [Upload](#)

Same files have been uploaded.

Upload succeeded
[View details below.](#)

Upload: status [Close](#)

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

Summary

Destination	Succeeded	Failed
s3://for-assignment	2 files, 1.2 MB (100.00%)	0 files, 0 B (0%)

Files and folders [Configuration](#)

Files and folders (2 Total, 1.2 MB)

Name	Folder	Type	Size	Status	Error
Module 4_VPC Assignment - 1_compressed.pdf	-	application/pdf	538.6 KB	Succeeded	-
Module 4_VPC Assignment - 2_compressed.pdf	-	application/pdf	646.8 KB	Succeeded	-

click on see versions.

The screenshot shows the AWS Management Console interface for the 'for-assignment' bucket. The 'Objects (2)' section displays a table with two objects:

Name	Type	Last modified	Size	Storage class
Module 4_VPC Assignment - 1_compressed.pdf	pdf	December 23, 2022, 23:44:35 (UTC+05:30)	538.6 KB	Standard
Module 4_VPC Assignment - 2_compressed.pdf	pdf	December 23, 2022, 23:44:36 (UTC+05:30)	646.8 KB	Standard

The 'Show versions' toggle is currently turned off.

Now you can see the files have been uploaded as different versions.

The screenshot shows the AWS Management Console interface for the 'for-assignment' bucket. The 'Objects (4)' section displays a table with four objects, including previous versions:

Name	Type	Version ID	Last modified	Size	Storage class
Module 4_VPC Assignment - 1_compressed.pdf	pdf	ib1rMYQKEpiOwQEB376nH_YH0ggeiQDU	December 23, 2022, 23:44:35 (UTC+05:30)	538.6 KB	Standard
Module 4_VPC Assignment - 1_compressed.pdf	pdf	null	December 23, 2022, 23:40:06 (UTC+05:30)	538.6 KB	Standard
Module 4_VPC Assignment - 2_compressed.pdf	pdf	zN4lQuvzaf_O1YWwEPRJgLBQku551JB	December 23, 2022, 23:44:36 (UTC+05:30)	646.8 KB	Standard
Module 4_VPC Assignment - 2_compressed.pdf	pdf	null	December 23, 2022, 23:40:05 (UTC+05:30)	646.8 KB	Standard

The 'Show versions' toggle is now turned on.