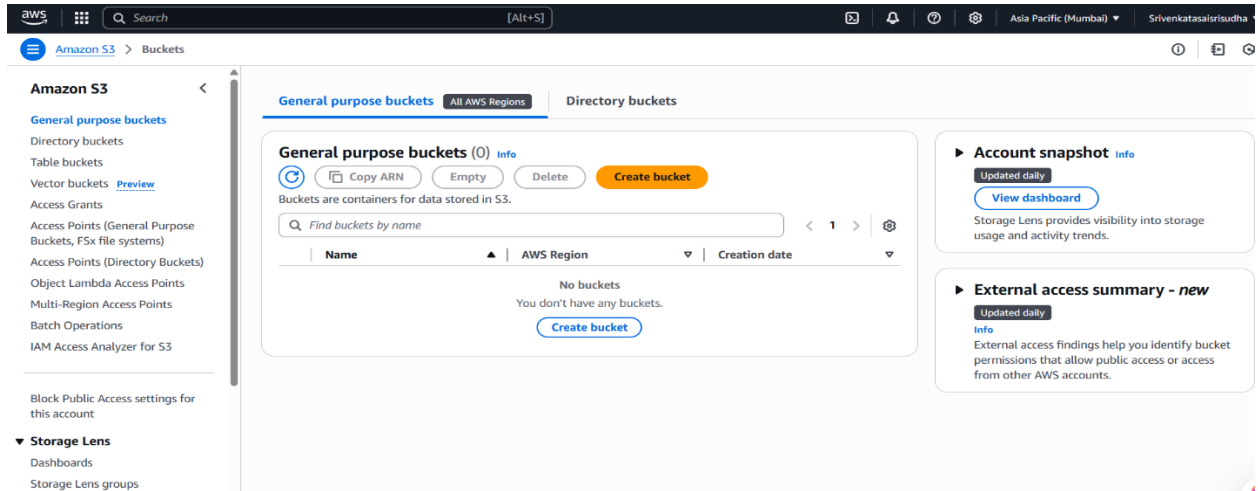


# Hosting A Static Website Using AWS

Step1: Go to Search bar type s3 and select the buckets

Step 2: Change your region as per requirement

Step 3: Enter the name of bucket



Step 4: Enable Acls

**Create bucket** info  
Buckets are containers for data stored in S3.

**General configuration** info

**AWS Region**  
Asia Pacific (Mumbai) ap-south-1

**Bucket type** info

☒ **General purpose**  
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory**  
Recommended for low latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

**Bucket name** info  
  
Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn More](#)

**Copy settings from existing bucket - optional**  
Only one bucket setting in the following configuration are copied.  
[Choose bucket](#)  
Format: x-012345678901

**Object Ownership** info  
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☐ **ACLs disabled (recommended)**  
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☒ **ACLs enabled**  
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

We recommend disabling ACLs unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

**Object Ownership**  
☒ **Bucket owner preferred**  
If new objects written to this bucket specify the bucket owner full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.  
☐ **Object writer**  
The object writer remains the object owner.

If you want to enforce object ownership for new objects only your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)

**Block Public Access settings for this bucket**  
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use case. [Learn more](#)

☐ **Block all public access**  
Turning this setting on has the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs from grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

Block public access to buckets and objects granted through any access control lists (ACLs)

Block public access to buckets and objects granted through new public bucket or access point policies

Block public and cross-account access to buckets and objects through any public bucket or access point policies

Turning off block all public access might result in this bucket and the objects within becoming public. AWS recommends that you turn on block all public access, unless public access is required for security, and verified use cases such as static website hosting.

I acknowledge that the current settings might result in this bucket and the objects within becoming public.

**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**

☐ Disable

☒ Enable

**Tags - optional**

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

No tags associated with this bucket.

[Add new tag](#)

**Default encryption**

Server-side encryption is automatically applied to new objects stored in this bucket.

**Encryption type**

☒ Server-side encryption with Amazon S3 managed keys (SSE-S3)

☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)

☐ Bucket key

**Bucket key**

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to KMS. SSE-KMS, S3 Bucket Key are supported for SSE-KMS. [Learn more](#)

☐ Disable

☒ Enable

**Advanced settings**

☒ After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

[Cancel](#) [Create bucket](#)

Step 5: Bucket versioning enable,block public access setting under that do acknowledge

Step 6: Click create bucket

Successfully created bucket "nextwork-website-project-srisu"  
To upload files and folders, or to configure additional bucket settings, choose [View details](#).

**General purpose buckets** **All AWS Regions** **Directory buckets**

**General purpose buckets (1)** [info](#)

Buckets are containers for data stored in S3.

Name	AWS Region	Creation date
<a href="#">nextwork-website-project-srisu</a>	Asia Pacific (Mumbai) ap-south-1	August 1, 2025, 20:14:52 (UTC+05:30)

[Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

**Account snapshot** [info](#) [View dashboard](#)

**Updated daily**

Storage Lens provides visibility into storage usage and activity trends.

**External access summary - new** [info](#)

**Updated daily**

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

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Now the bucket is created.

Step 7: Now I have Upload the files

**nextwork-website-project-srisu** [info](#)

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

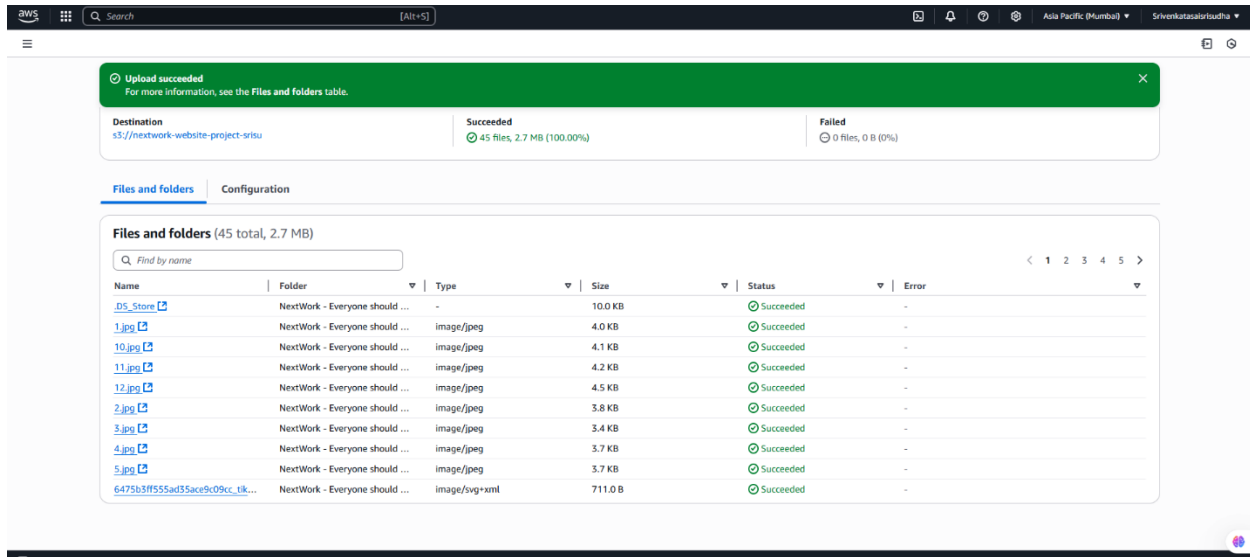
**Objects (2)** [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

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](#)

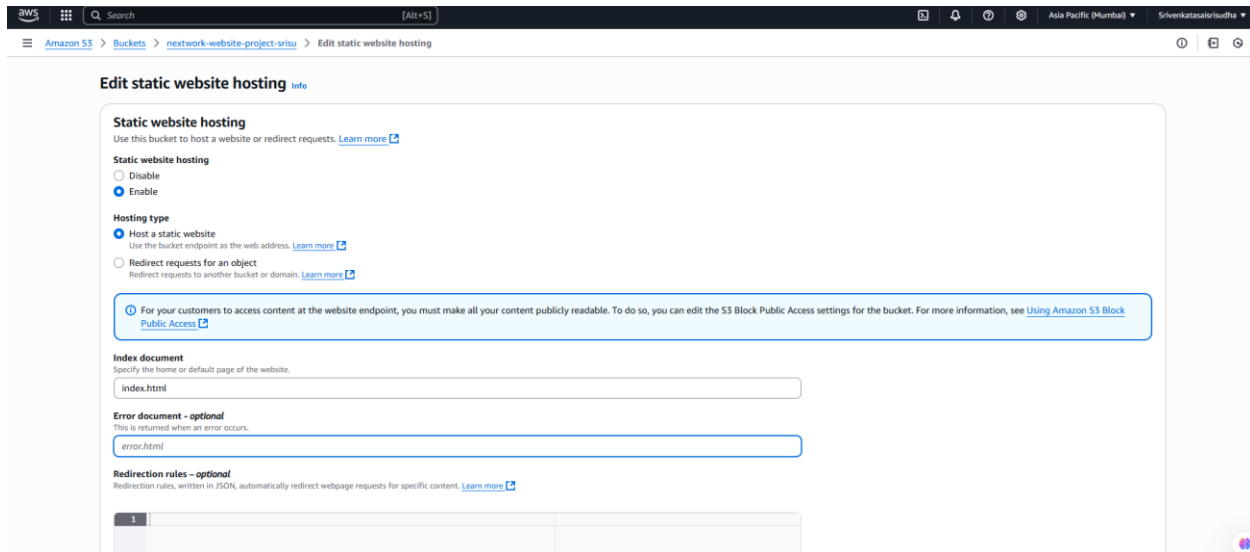
☒ **Show versions**

Name	Type	Last modified	Size	Storage class
<a href="#">index.html</a>	html	August 1, 2025, 21:11:26 (UTC+05:30)	58.8 KB	Standard
<a href="#">NextWork - Everyone should be in a job they love. Files/</a>	Folder	-	-	-

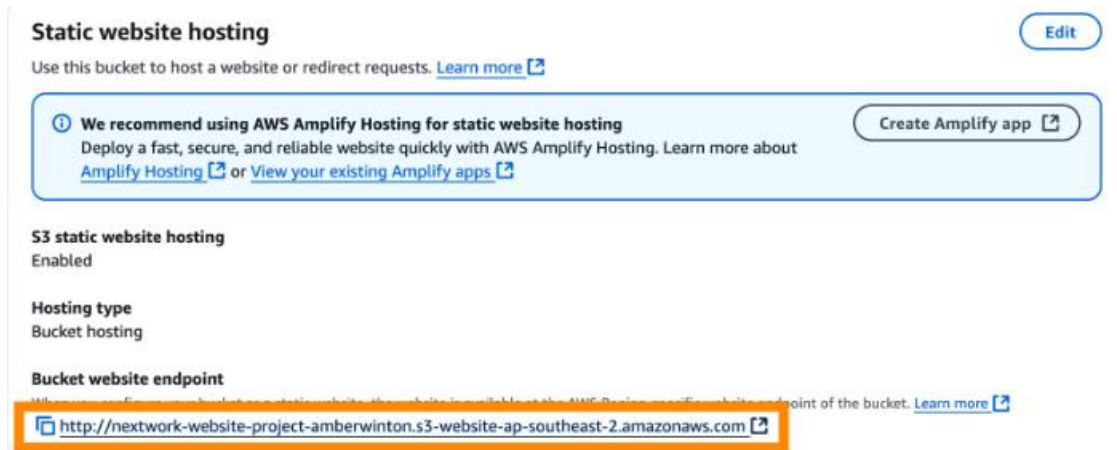
## Step 8: Check the objects are having files or not



## Step 9 : Go to properties-> Enable static website hosting for index.html



## Step 10: Now the URL is created run it. It shows an error as below

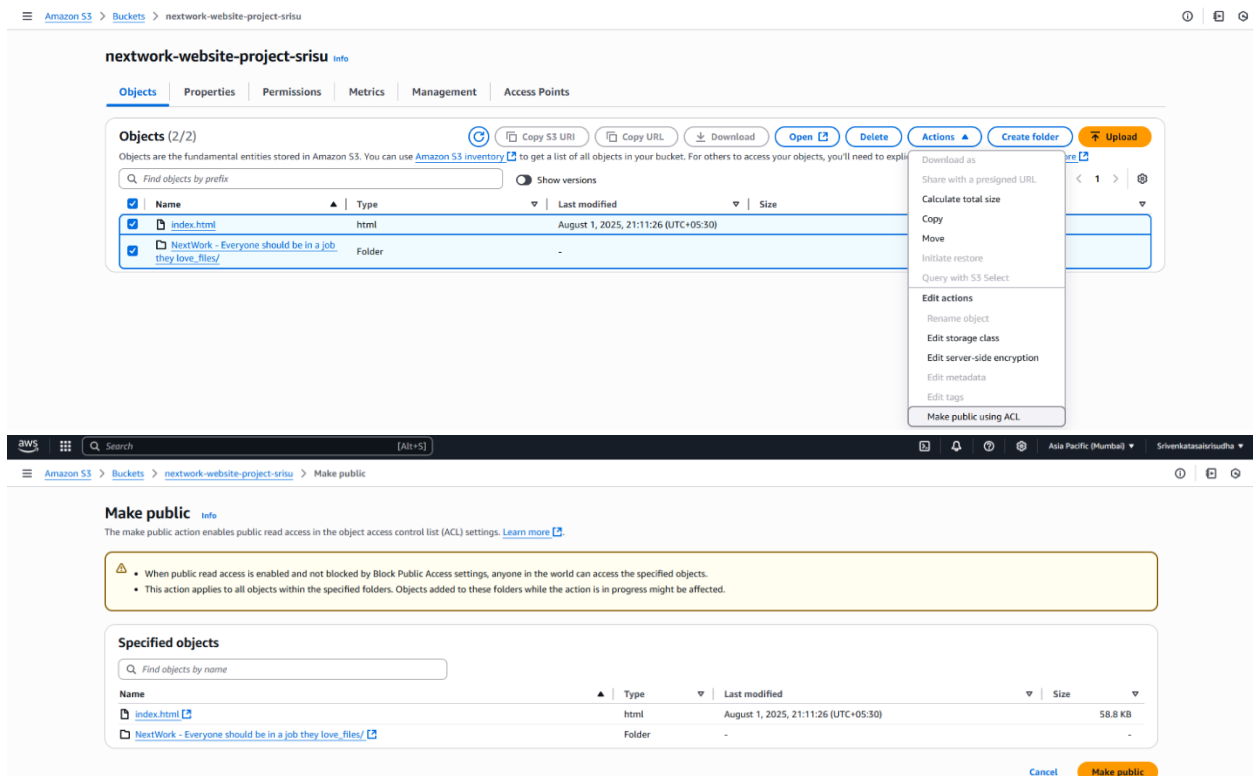


## 403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: 4K3CW8JSSKRCJW5K
- HostId: kxnSdKw3f6VgQhBQUnghmMx7jyvclKHXy3S06nNGEUQvC/2Y2DgpUIFQZin6mu408+fxHI+7U=

Explanation: The error message you're seeing is telling you that your static website is being hosted by S3, but the actual HTML/image files you've uploaded are still private. It's kind of like having a bucket on display, so everyone can see the bucket - but the contents are covered up, preventing anyone from seeing what's inside.

Step 11: Now Select files as shown in the pictures below click actions and make public using ASL



The screenshot shows the Amazon S3 console interface for the bucket 'nextwork-website-project-srisu'. The 'Objects' tab is active, displaying a list of objects. The 'index.html' file is selected, and the 'Actions' menu is open, showing various options. The 'Make public using ACL' option is highlighted. Below the screenshot, the 'Make public' dialog is shown, indicating that the action will enable public read access for the specified objects.

**Make public**

The make public action enables public read access in the object access control list (ACL) settings. [Learn more](#)

When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects.

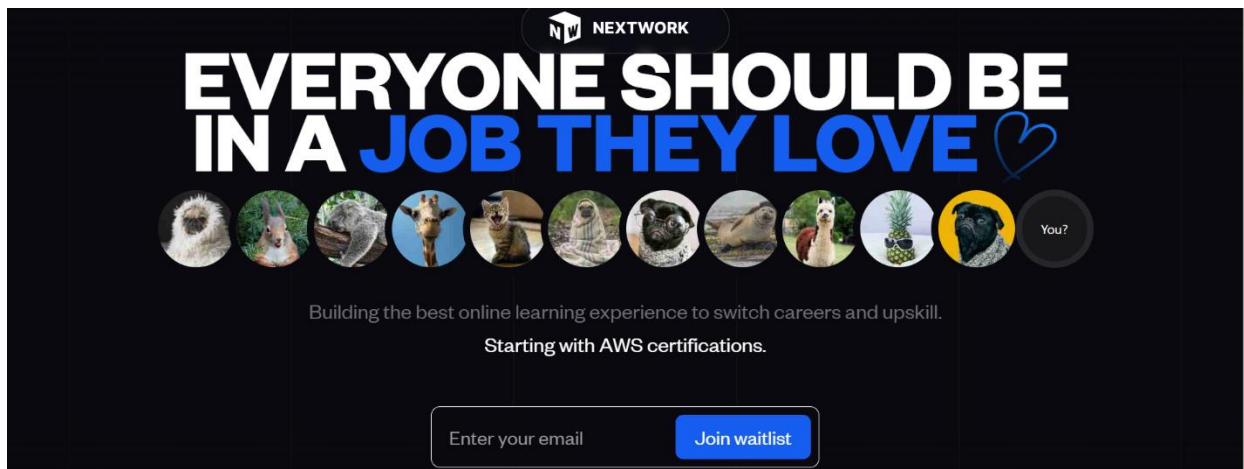
- This action applies to all objects within the specified folders. Objects added to these folders while the action is in progress might be affected.

**Specified objects**

Name	Type	Last modified	Size
<a href="#">index.html</a>	html	August 1, 2025, 21:11:26 (UTC+05:30)	58.8 KB
<a href="#">NextWork - Everyone should be in a job they love_files/</a>	Folder	-	-

[Cancel](#) [Make public](#)

Step 12: Reload the website now we can see a static website is hosted..



**NW NEXTWORK**

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## How To Delete the objects without being charged

Amazon S3 > Buckets > nextwork-website-project-nextwork

Objects (2/2)

Copy S3 URI Copy URL Download Open Delete Actions Create folder

Upload

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](#)

Find objects by prefix Show versions

Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/> <a href="#">index.html</a>	html	March 31, 2025, 10:43:36 (UTC+13:00)	58.8 KB	Standard
<input checked="" type="checkbox"/> <a href="#">NextWork - Everyone should be in a job they love_files/</a>	Folder	-	-	-

### Step 1: Select the objects click on delete

Amazon S3 > Buckets > nextwork-website-project-nextwork > Delete objects

Delete objects

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. [Learn more](#)

Deleting the specified objects adds delete markers to them. If you need to undo the delete action, you can delete the delete markers. [Learn more](#)

Specified objects

Name	Type	Last modified	Size
<input checked="" type="checkbox"/> <a href="#">index.html</a>	html	August 1, 2025, 21:11:26 (UTC+05:30)	58.8 KB
<input type="checkbox"/> <a href="#">NextWork - Everyone should be in a job they love_files/</a>	Folder	-	-

Delete objects?

To confirm deletion, type delete in the text input field.

delete

### Step 2: Write Delete and delete objects.

Amazon S3 > Buckets > nextwork-website-project-nextwork

nextwork-website-project-nextwork

Objects (0)

Copy S3 URI Copy URL Download Open Delete Actions Create folder

Upload

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](#)

Find objects by prefix Show versions

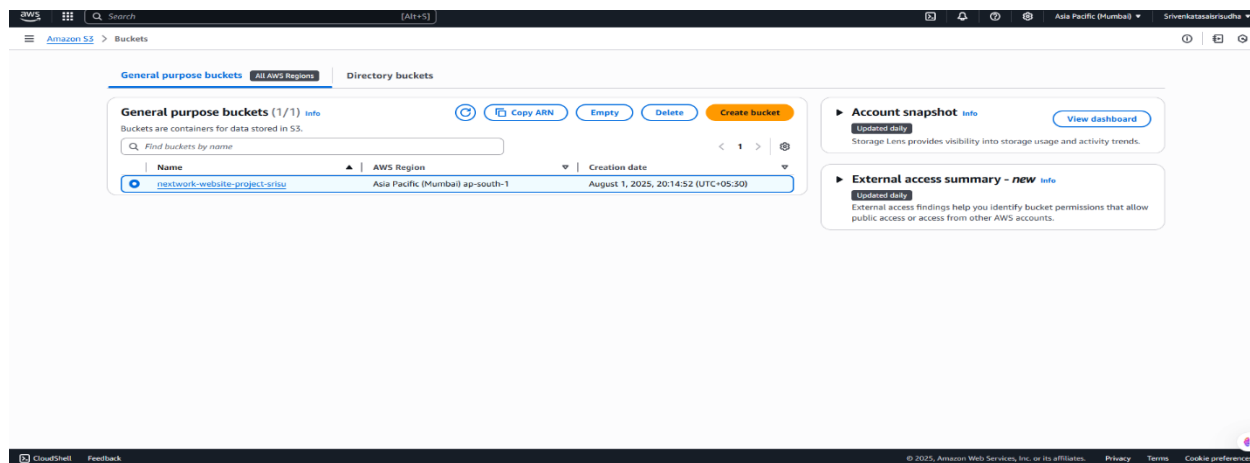
Name	Type	Last modified	Size	Storage class
------	------	---------------	------	---------------

No objects

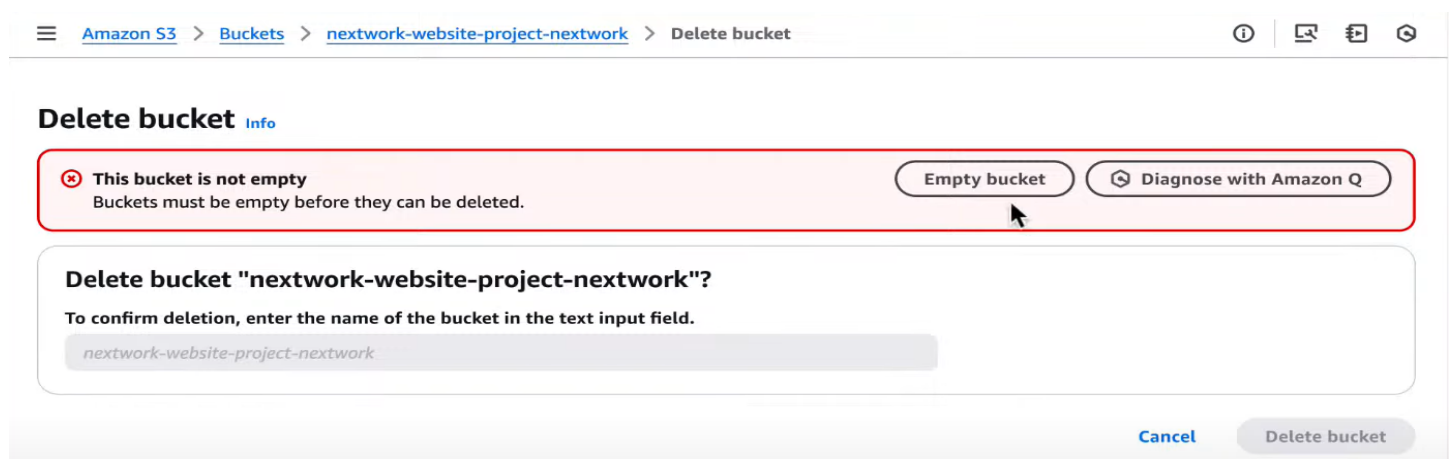
You don't have any objects in this bucket.

Step 3: Go to buckets from top and select the bucket as shown above

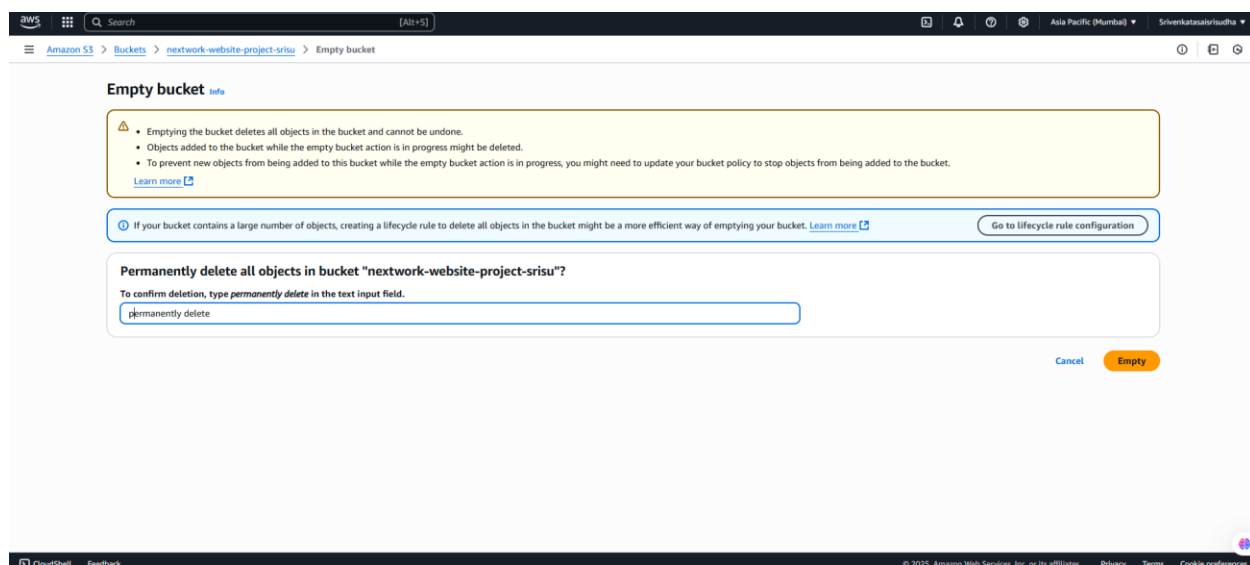
Step 4: Select the bucket and click on delete



Step 5: If it shows as below then click on empty bucket



Step 6: Type permanently delete and click on empty button



Step 7: Search for the bucket again and click on delete

Amazon S3 > Buckets

General purpose buckets (1/1) Info

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	Creation date
network-website-project-srisu	Asia Pacific (Mumbai) ap-south-1	August 1, 2025, 20:14:52 (UTC+05:30)

Account snapshot Info

Updated daily

Storage Lens provides visibility into storage usage and activity trends.

View dashboard

External access summary - new Info

Updated daily

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

## Step 8: Enter the name of bucket and click on delete bucket

Amazon S3 > Buckets > network-website-project-srisu > Delete bucket

Delete bucket Info

- Deleting a bucket cannot be undone.
- Bucket names are unique. If you delete a bucket, another AWS user can use the name.
- If this bucket is used with a Multi-Region Access Point in an external account, initiate failover before deleting the bucket.
- If this bucket is used with an access point in an external account, the requests made through those access points will fail after you delete this bucket.
- This bucket is configured to host a static website. We recommend that you clean up the Route 53 hosted zone settings that are related to the bucket.

Learn more

Delete bucket "network-website-project-srisu"?

To confirm deletion, enter the name of the bucket in the text input field.

network-website-project-srisu

Cancel Delete bucket