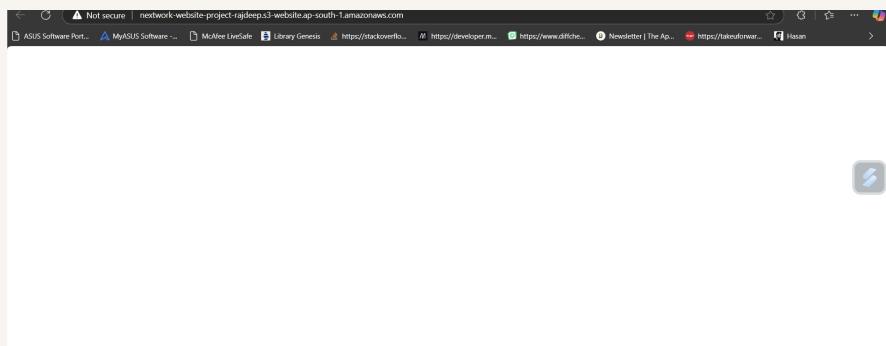


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Host a Website on Amazon S3



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Introducing Today's Project!

What is Amazon S3

Amazon S3 is a cloud storage service that offers a scalable, durable, secure, and cost-effective way to store and retrieve large amounts of data12345. You can use S3 for a wide range of use cases, including static website hosting, data archival etc.

How I used Amazon S3 in this project

I used Amazon S3 in today's project by creating a separate bucket for my project and saving my files into it and i chose to make those files public because i wanted those files to be visible and hosted .

One thing I didn't expect in this project was...

I wasn't expected that i can have so any feature to manipulate/change after uploading files once.

This project took me...

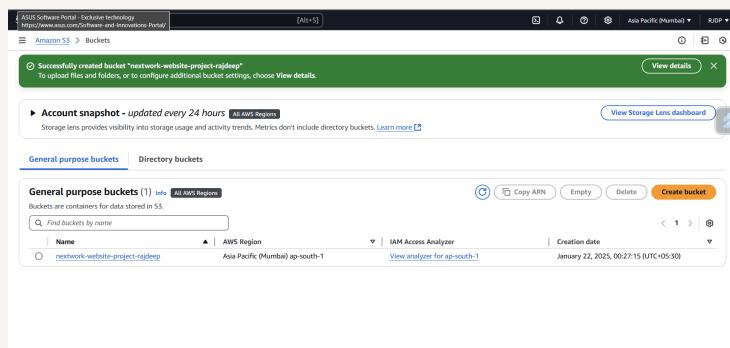
It took almost 20 minutes to finish this project.

How I Set Up an S3 Bucket

Creating an S3 bucket took me around 30 second.

The Region I picked for my S3 bucket was Asia-Pacific(Mumbai) because I live in northern part of India.

S3 bucket names are globally unique! This means, no other AWS account in the entire world can use your bucket's name (unless you delete the bucket).

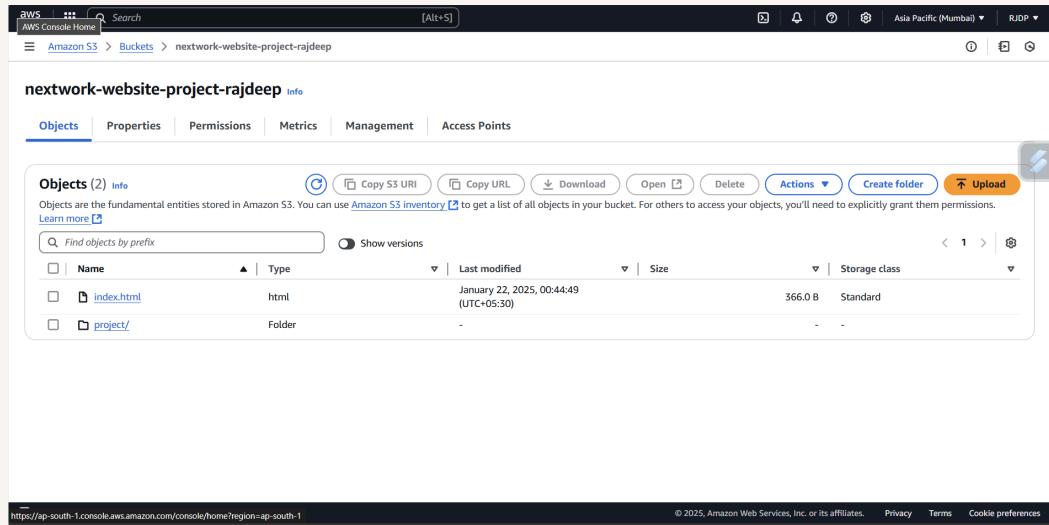


Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were index.html annd all other files were in a folder .

Both files are necessary for this project as we have to provide the images that are present on our webpage.

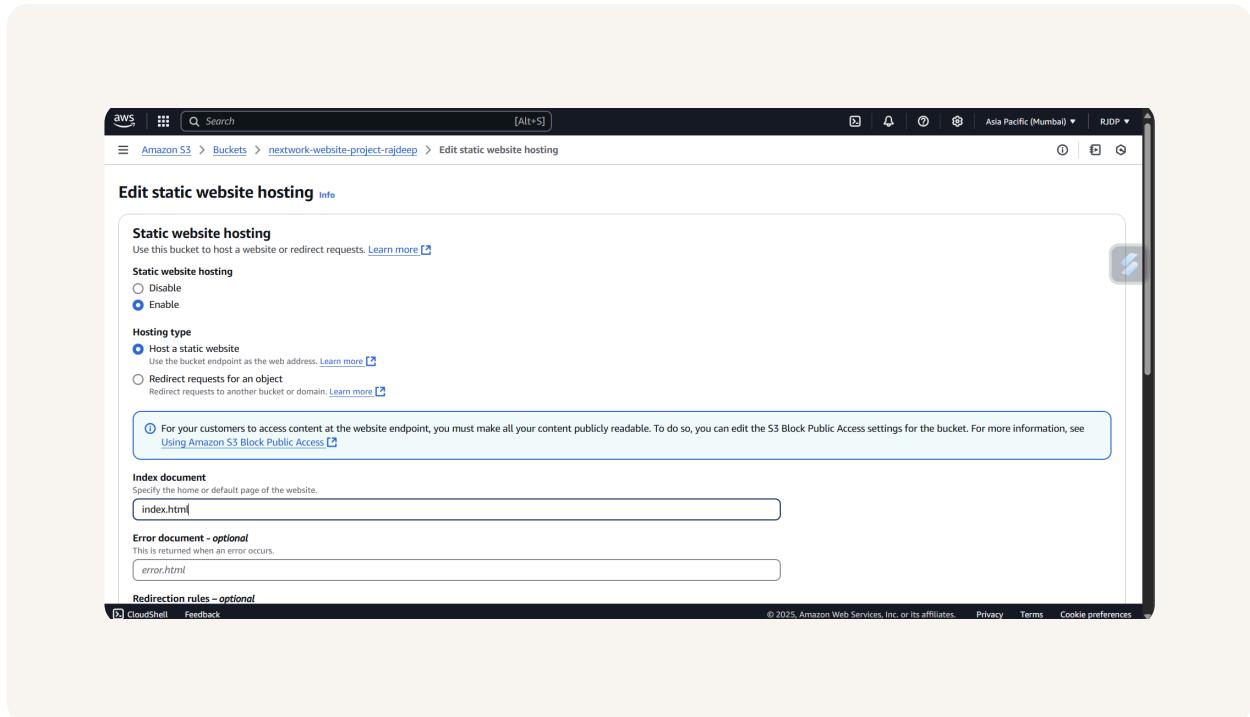


Static Website Hosting on S3

Website hosting is what makes your website public on the internet. Even if you perfect an HTML file, no one else can see it when it's stored as a local file on your computer! Website hosting = storing your HTML file .

To enable website hosting with my S3 bucket, I 1)Choose the Properties tab 2)Scroll all the way down to the Static website hosting panel. 3)Choose Edit.

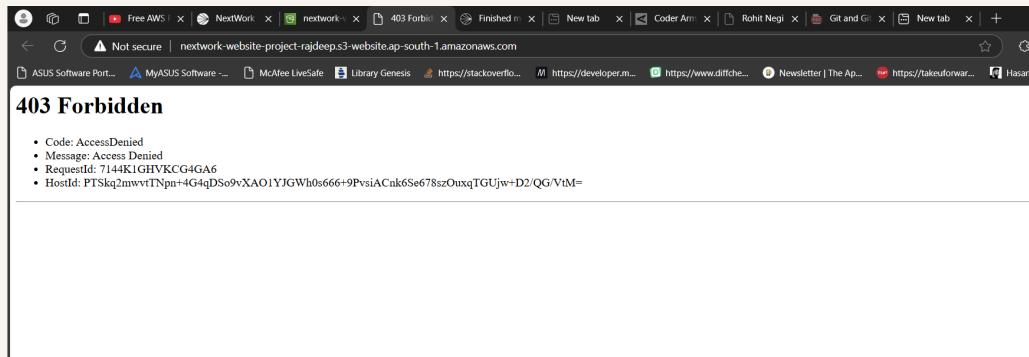
An ACL = a set of rules that decides who can get access to a resource. I enabled ACL because enabling ACLs in this S3 setup lets you control who can access and do things with the objects (i.e. website files) you upload into your bucket.



Bucket Endpoints

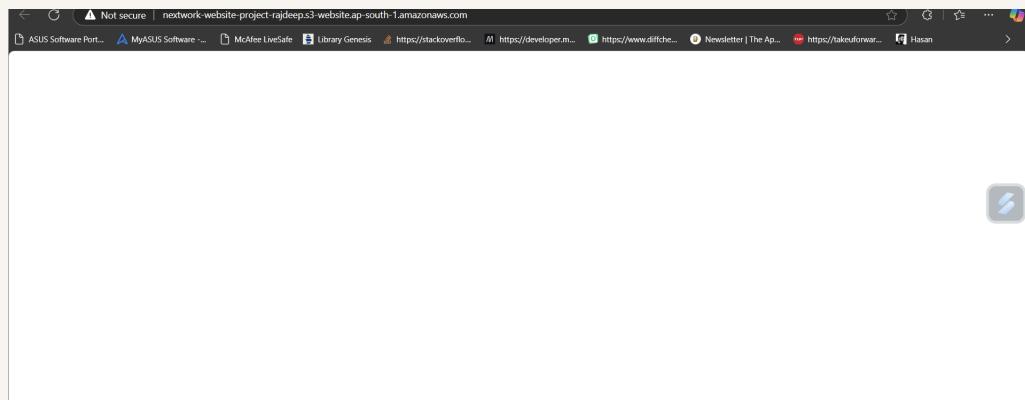
A bucket website endpoint is just like a regular website URL. It lets people visit your S3 bucket as a website.

When I first visited the bucket endpoint URL, I saw an 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.



Success!

To resolve this connection error, Select the checkboxes next to your index.html file and the folder of website assets. In the Actions dropdown, choose Make public using ACL.





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