

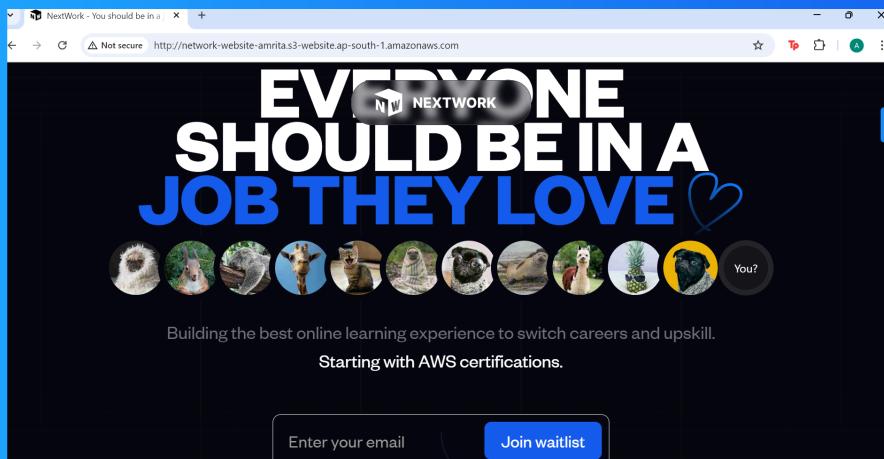


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Host a Website on Amazon S3



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Introducing Today's Project!

What is Amazon S3

Amazon S3 is a simple storage service which is widely used to store data. You can use it for your infrastructure, security and maintenance. Also to host a static website.

How I used Amazon S3 in this project

In today's project I have employed Amazon S3 to host a static website and provide public access with it.

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

One thing I did not expect is the amount of security Amazon provides to its users.

This project took me...

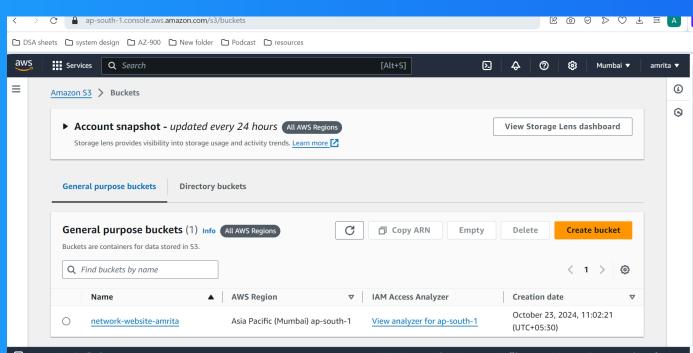
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How I Set Up an S3 Bucket

Creating an S3 bucket took me about 5 minutes.

The Region I picked for my S3 bucket was mumbai because that is the nearest region available to me.

S3 bucket names are globally unique because for unique identification of the resources and for no coupling purpose.

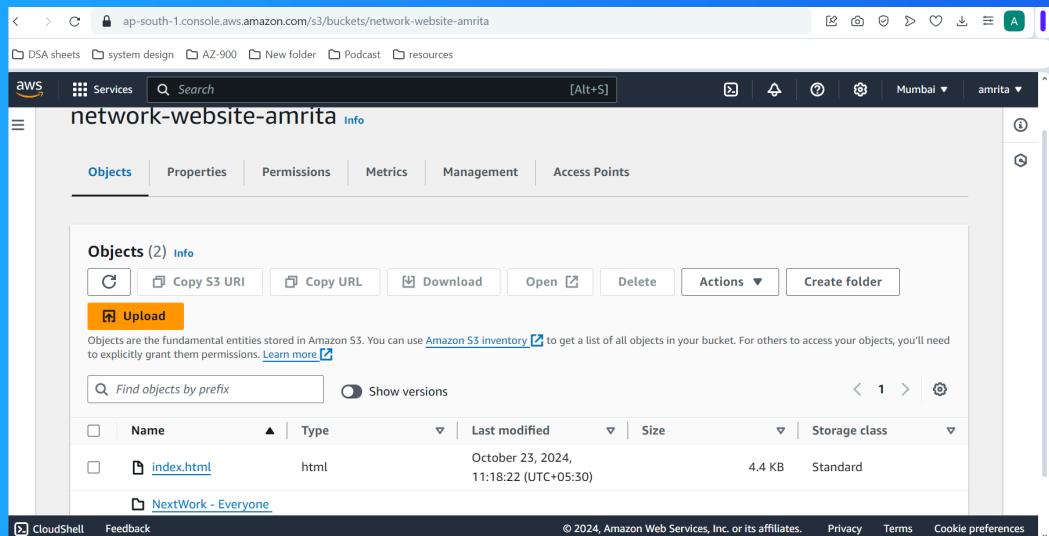


Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket-they were index.html and contents required to host the website.

Both files are necessary for this project as one is the html file which the structure of the website and others are the pictures etc content.



Static Website Hosting on S3

Website hosting means that making your website publicly accessible.

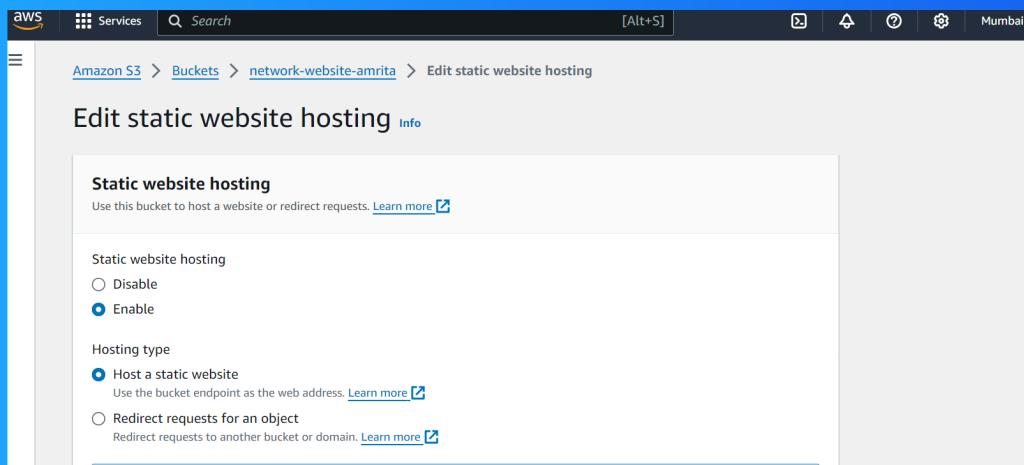
To enable website hosting with my S3 bucket I clicked on edit option under static website hosting of properties tab and enabled the static website hosting

Access Control Lists (ACL)

An ACL is access control list which says who has the access uploading bucket content and stuff. I have enabled the ACL.

Bucket Endpoints

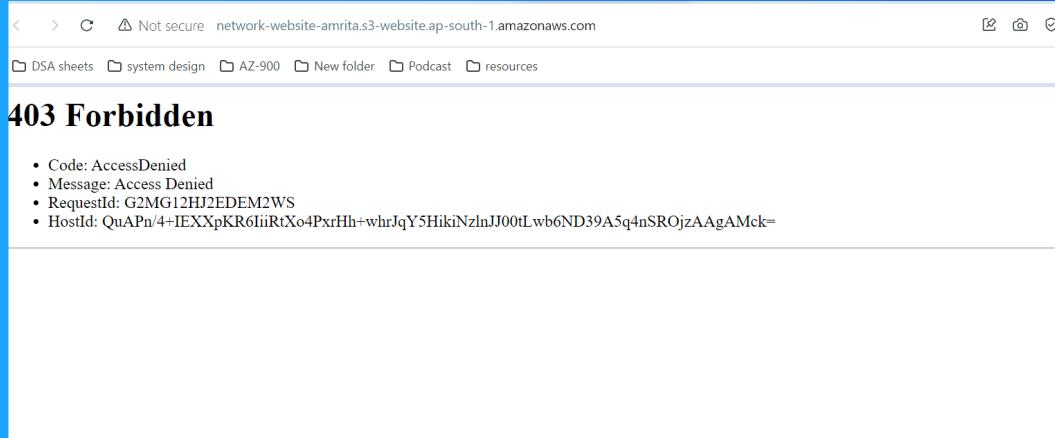
Once static website is enable,S3 produces a bucket endpoint URL, which is the url used by the users to access the website



An error!

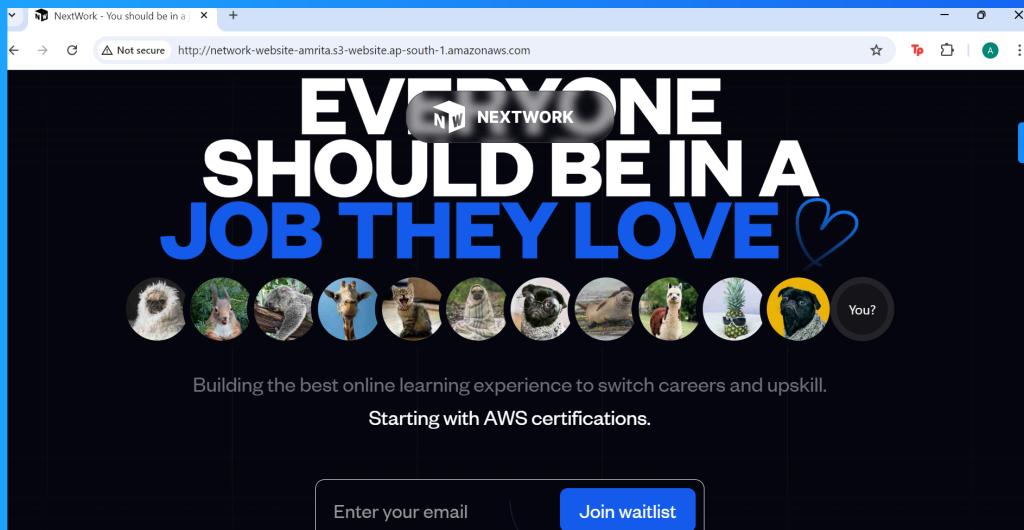
When I first visited the bucket endpoint URL, I saw the 403 forbidden error

The reason for this error is that all the content present in S3 bucket is private by default.



Success!

To resolve this connection error I have selected the files--->Clicked on action and chose Make public using ACL option





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