

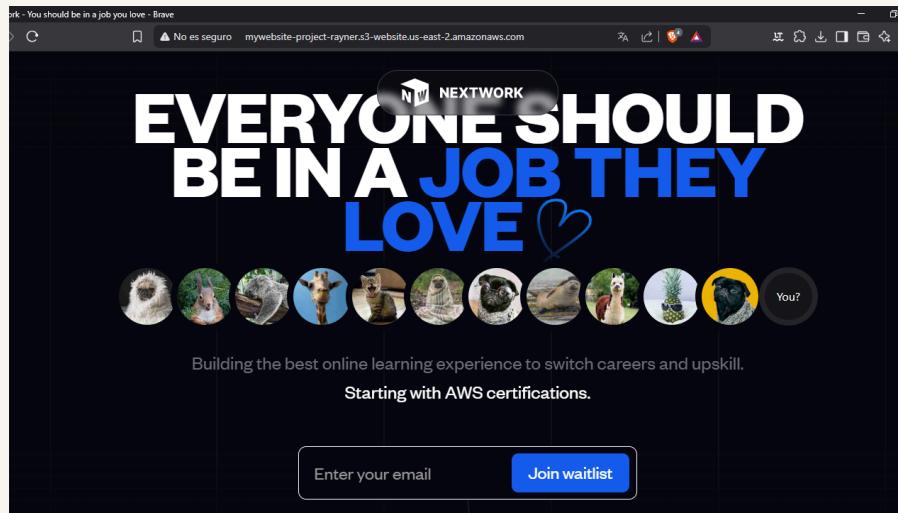


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Host a Website on Amazon S3



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Introducing Today's Project!

In this project, I will demonstrate that I'm capable of learning AWS. I'm doing this project to learn the basics of AWS through a project.

Tools and concepts

Services I used were Amazon S3 (buckets, ACL, static website, etc) Key concepts I learnt include ACL, S3 and buckets.

Project reflection

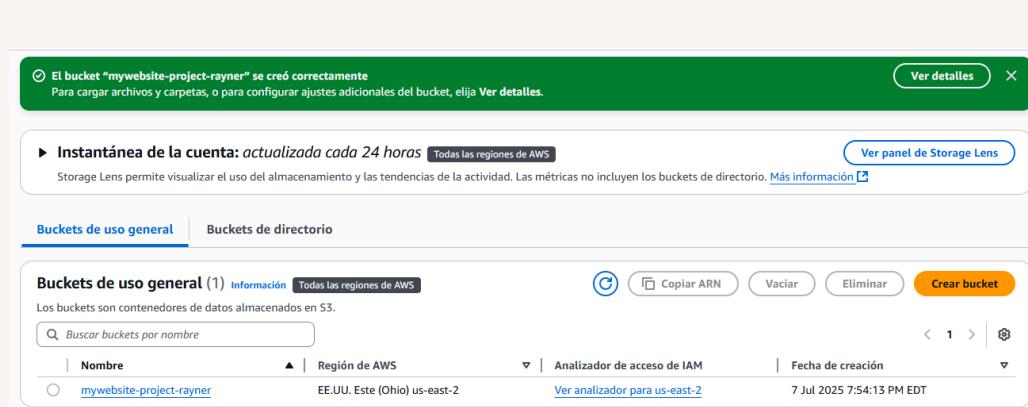
This project took me approximately 60 minutes The most challenging part was resolving the error It was most rewarding to successfully upload the website

How I Set Up an S3 Bucket

Creating an S3 bucket took me around 3 minutes

The Region I picked for my S3 bucket was us-east-2 because is the closest to me.

S3 bucket names are globally unique! This means that no other bucket will have the same name as mine.

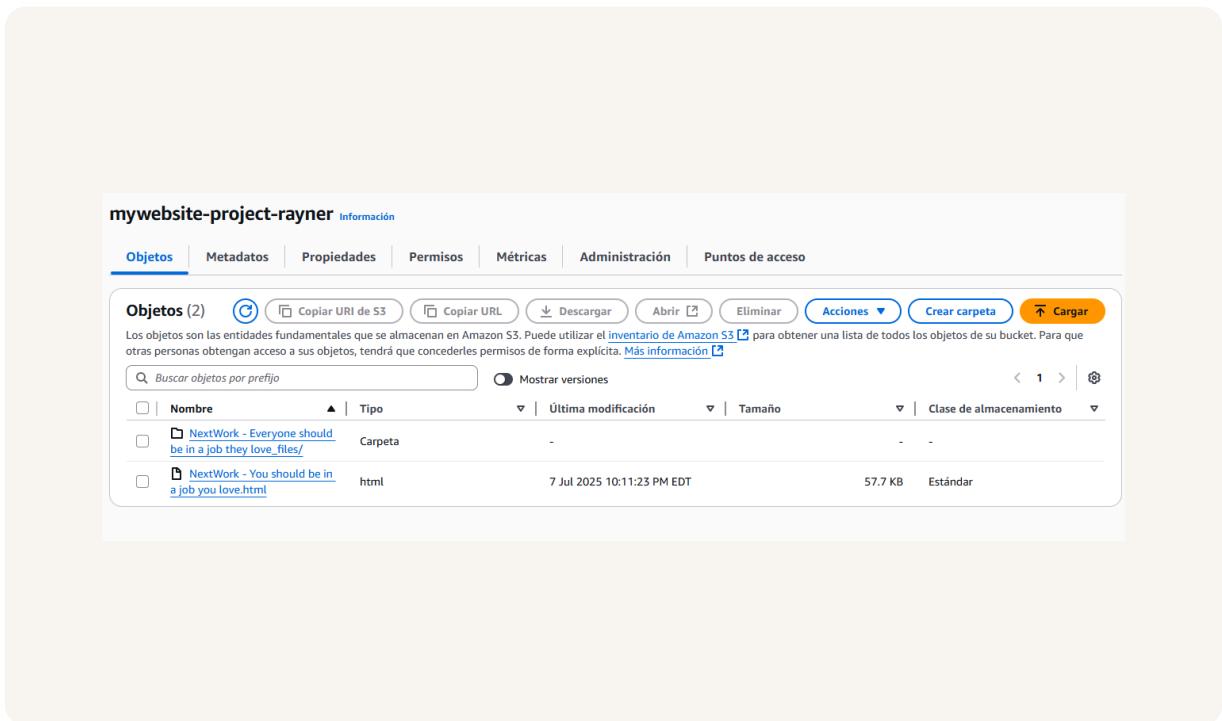


Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were the index.html file and the directory

Both files are necessary for this project as they are part of the static website.

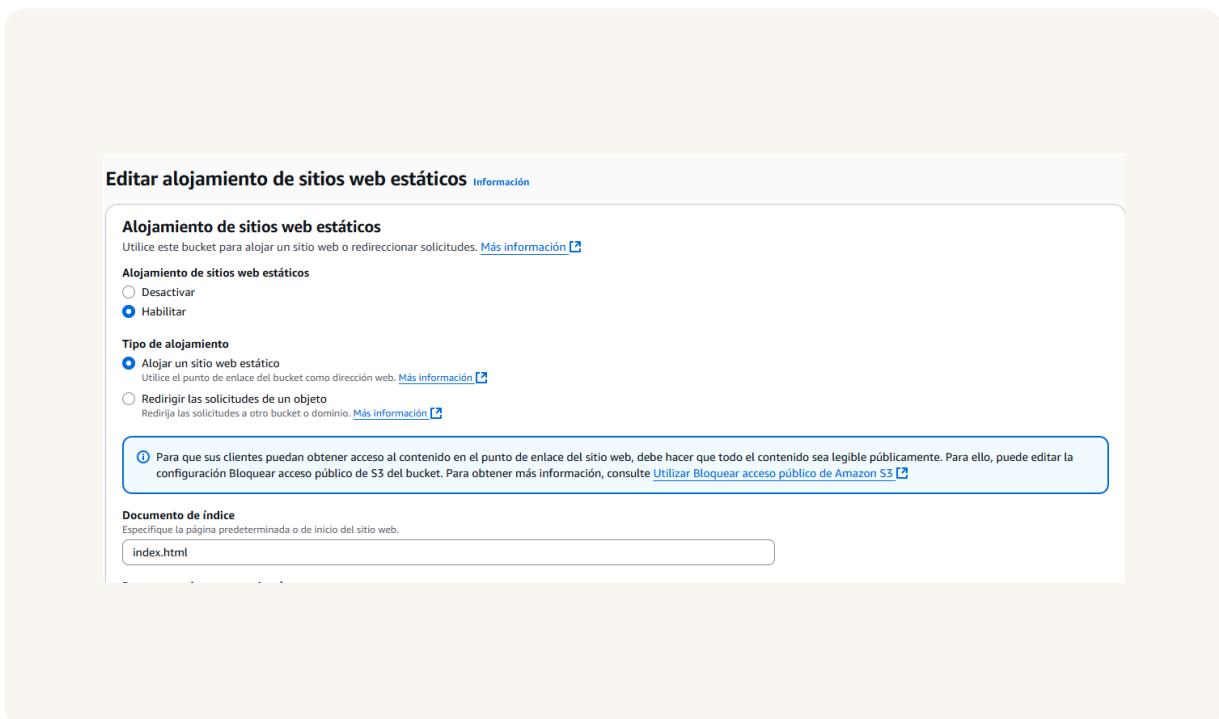


Static Website Hosting on S3

Website hosting means making your website public on the internet.

To enable website hosting with my S3 bucket, I edited the static website hosting.

An ACL is a set of rules to let other people control and observe the objects.



Bucket Endpoints

Once static website is enabled, S3 produces a bucket endpoint URL, which is a way to access the website.

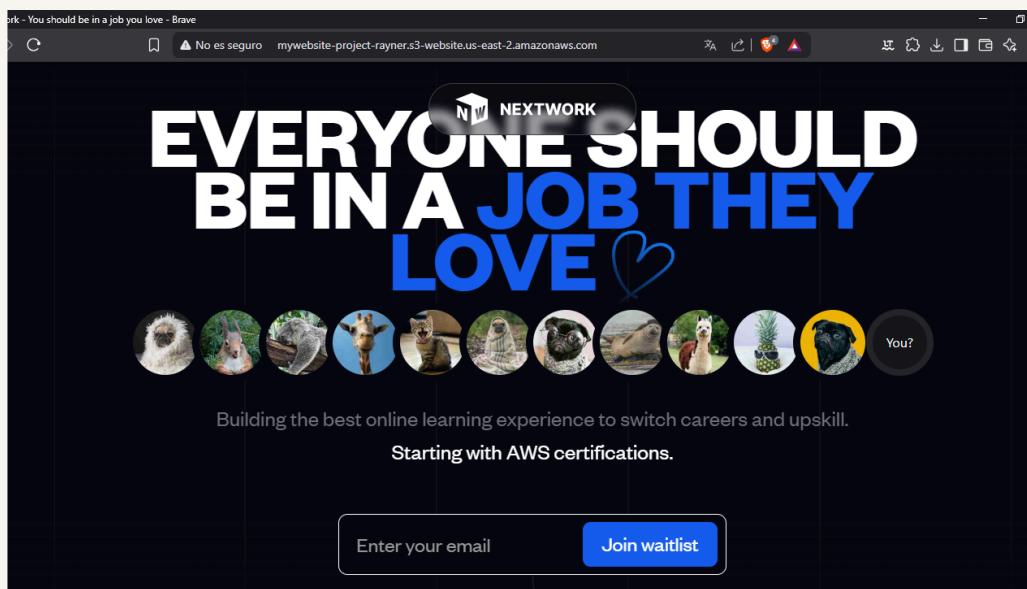
When I first visited the bucket endpoint URL, I saw 403 Forbidden. The reason for this error was that the objects are private by default.

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: AR25N8H51XG0XCR0
- HostId: OkbbM2y3vZWOV1q0vvNl41R2+cguEt/CDkoEuhXsZMt19oPf97HLrYUmw7bsgL/PjTx8ftU+fU=

Success!

To resolve this 403 Forbidden error, I made the objects public through ACL





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