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# How I Hosted A Website on S3



Sadeesha Perera



The image shows a mobile-optimized website layout. At the top, there's a white header bar with a red 'LOGO' icon on the left and navigation links 'Home', 'Products', and 'Services' on the right. Below the header is a large, dark orange background image of what appears to be a textured surface or foliage. On the left side of the main content area, there's a black sidebar featuring a graphic of a 3D bar chart. To the right of this graphic, the word 'Dramatically' is written in a large, bold, white sans-serif font. Next to it, the word 'Engage' is also in a large, bold, white sans-serif font. Below this main title, a smaller line of text reads: 'Objectively innovate empowered manufactured products whereas parallel platforms.' At the bottom left, there's a yellow button with the text 'Engage Now'.



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# Introducing Amazon S3!

## What it does & how it's useful

Amazon S3 is Simple, Storage, Service. Developers and teams use Amazon S3 because of maintenance, security and store what you need to store.

## How I'm using it in today's project

I'm using Amazon S3 in this project to host a static website.

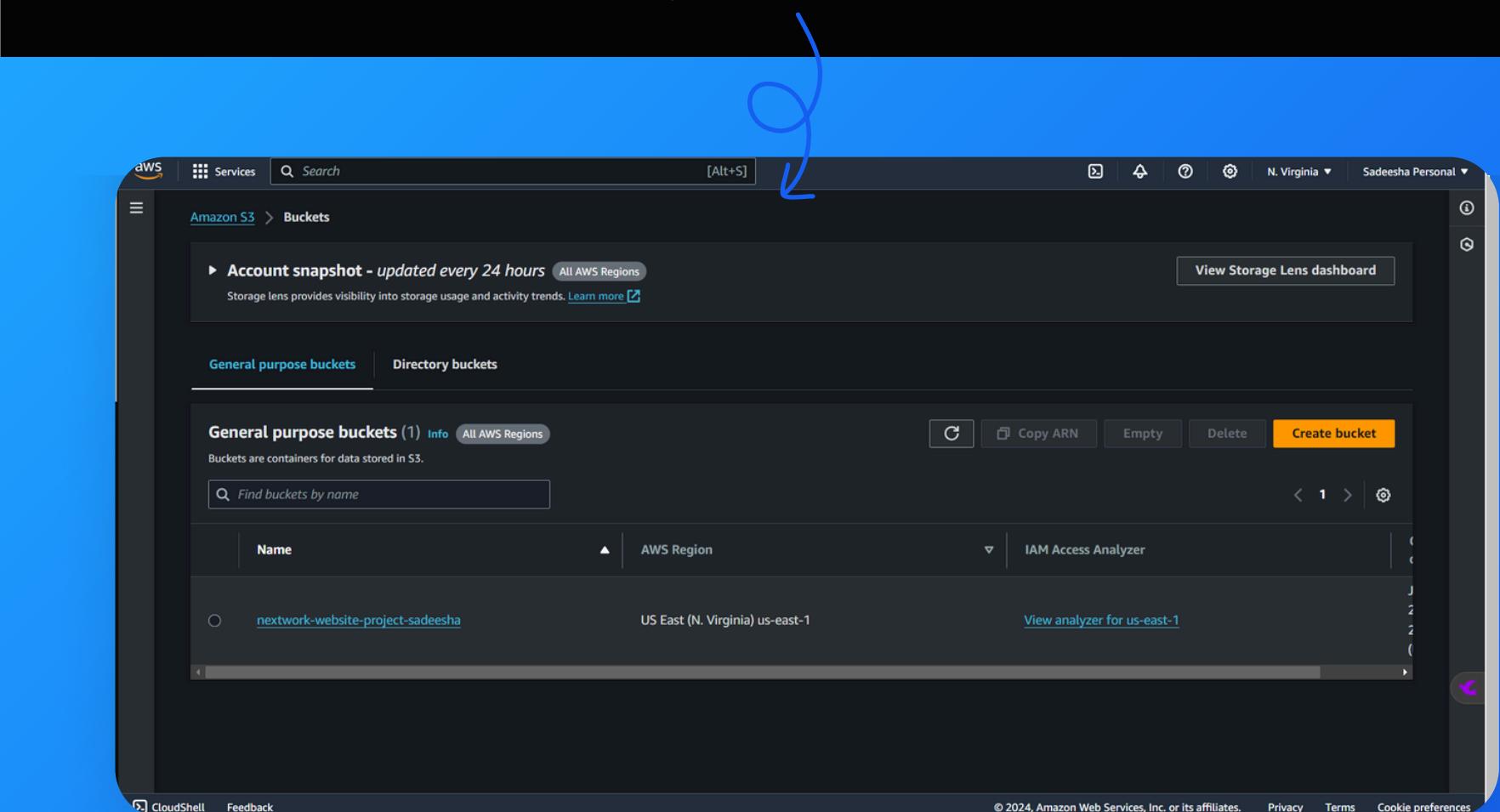
## This project took me...

This project took me 2 hrs. to complete, doing this documentation takes me more time 😅

# Create an S3 bucket

- Creating an Amazon S3 bucket took me 10 minutes, I read carefully the instructions and follow along Natasha.
- Some of the configuration steps include: The bucket's Region: Is the locations where the servers are located, I choose Asia Pacific (Singapore) ap-southeast-1 Access Control Lists: is a set of rules that decides who can get access to a resource. ACL is enabled in this project Bucket versioning: I choose Enable Public Access: the bucket and its objects will become public.
- S3 bucket names have to be globally unique, which means there is no other bucket have the same name as yours.

My created bucket!

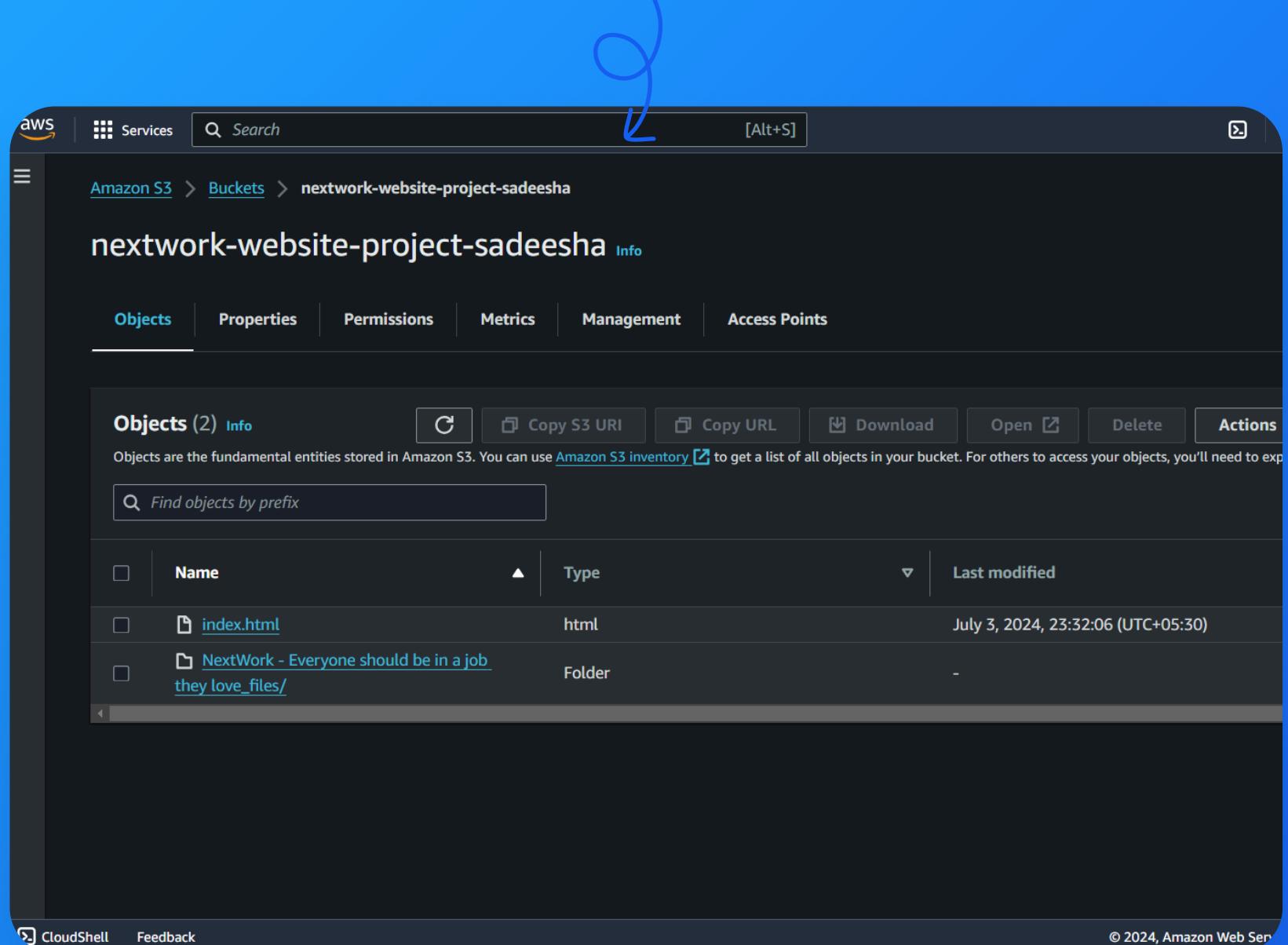


# Upload website files to S3

- Next, I uploaded my website's files into my S3 bucket.

There were two files to upload: I uploaded html file which is the index.html and a folder having the name of 'NextWork - Everyone should be in a job they love\_files'. Both files are essential since the html files contains the structure of the website while the folder contains the style, design and resources of the website.

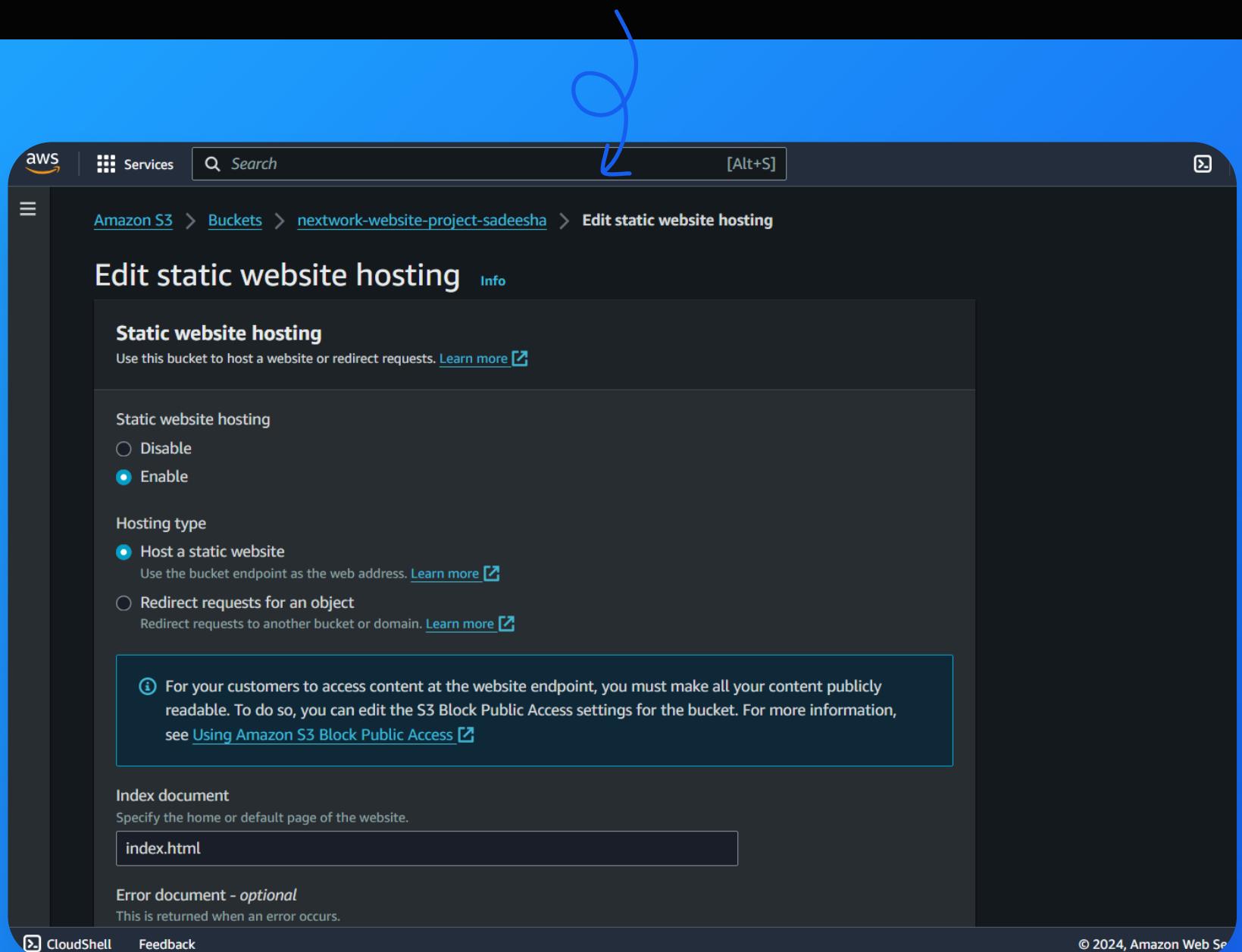
45 files are uploaded successfully!



# Static web hosting on S3

- Website hosting is what makes your website public on the internet.
- To enable website hosting, I choose the Properties tab, scroll all the way down to the Static website hosting panel, Choose Edit, Configure the following settings: Static web hosting: Choose Enable. Hosting type: Choose Host a static website. Index document: Enter index.html

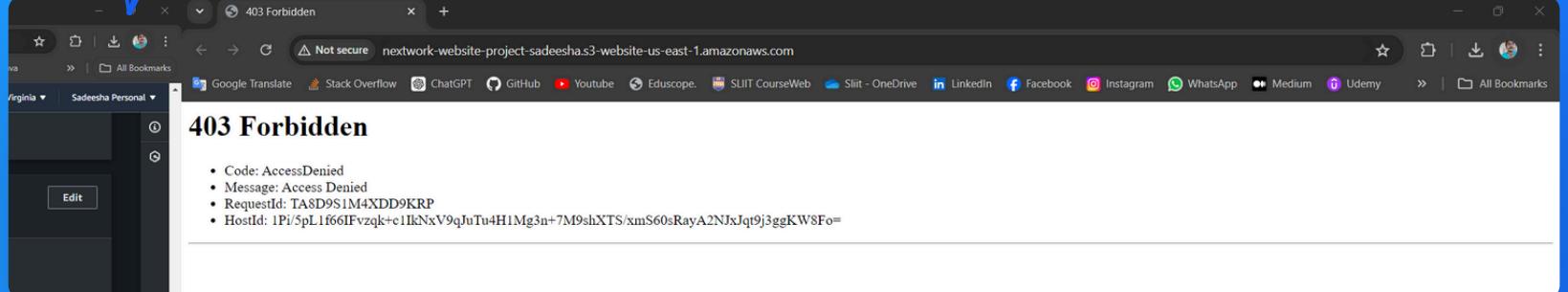
Setting up static website hosting...



# An error!

- When I visited the bucket endpoint URL I see an error message saying '403 Forbidden'.
- The reason for this error was that your static website is being hosted by S3, but that the actual HTML/image files are still private. To solve this error, I set the permission of the objects to public - this is why we enabled ACLs in Task 1!

The error!



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Voila! My website was up and running after resolving those errors

The screenshot shows a website with a dark header bar. On the left is a logo icon followed by the word "LOGO". To the right are navigation links: "Home", "Products", "Services", "My Account", and "My Cart". A blue curved arrow points from the text above down to the "Home" link. The main content area has a dark background with a large, stylized graphic of a lightbulb on the right. In the center, there's a grid of three images: a bowl of sprouts labeled "Unleash", a pile of coffee beans labeled "Synergize", and a bunch of grapes labeled "Procrastinate". Above these images is a section with the heading "Superior Quality" and a descriptive paragraph. Below the images is a call-to-action button labeled "World Class Products".

**Dramatically Engage**

Objectively innovate empowered manufactured products whereas parallel platforms.

Engage Now

**Superior Quality**

Proactively envisioned multimedia based expertise and cross-media growth strategies. Seamlessly visualize quality intellectual capital without superior collaboration and idea-sharing. Holistically pontificate installed base portals after maintainable products without collateral.

**Unleash**

**Synergize**

**Procrastinate**

**World Class Products**



# My key learnings

1

Static website hosting means the process of hosting a website made up of static web pages and also makes your website public on the internet.

2

The settings I used to make my website available to the public were to enable website hosting, I choose the Properties tab, scroll all the way down to the Static website hosting panel, Choose Edit, Configure the following settings: Static web hosting: Choose Enable. Hosting type: Choose Host a static website. Index document: Enter index.html

3

My bucket endpoint URL initially still returned an error because the actual HTML/image files are still private. I had to resolve this by setting the permission of the objects to public - this is why we enabled ACLs in Task 1!

4

One thing I didn't expect was it is really an easy peasy lemon squeezy task. Anyone can host a static website using AWS.



**Everyone should be  
in a job they love. *yes!***

Check out [community.nextwork.org](http://community.nextwork.org) for more free projects



Ask me about it

