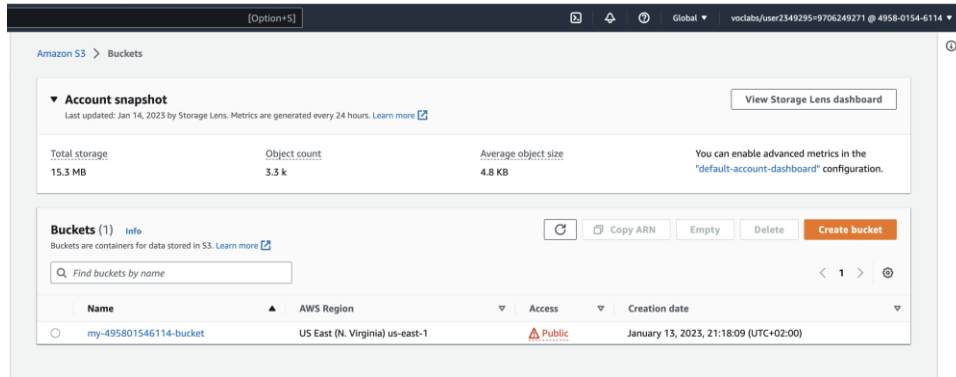


Deploy Static Website on AWS

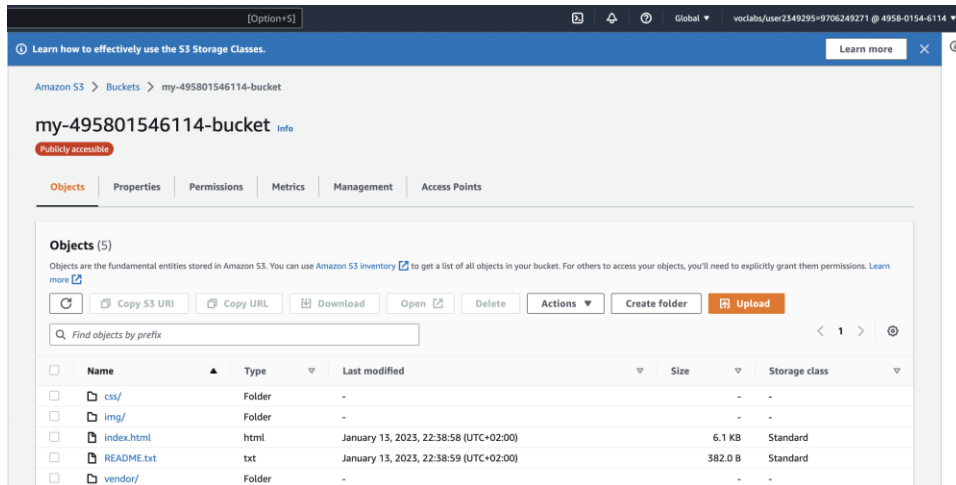
1- Create S3 bucket



The screenshot shows the Amazon S3 Buckets console. At the top, there's a navigation bar with the AWS logo and user information. Below the navigation bar, the 'Buckets' section is active. It displays an 'Account snapshot' with metrics: Total storage (15.3 MB), Object count (3.3 k), and Average object size (4.8 KB). Below this, there's a 'Buckets (1)' section with a search bar and a table listing the bucket 'my-495801546114-bucket'. The bucket is located in the US East (N. Virginia) us-east-1 region, is publicly accessible, and was created on January 13, 2023, at 21:18:09 (UTC+02:00).

Name	AWS Region	Access	Creation date
my-495801546114-bucket	US East (N. Virginia) us-east-1	Public	January 13, 2023, 21:18:09 (UTC+02:00)

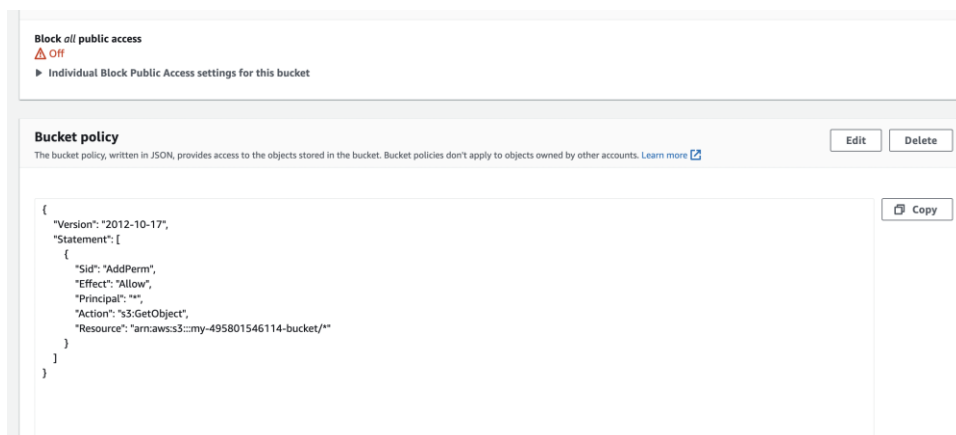
2- Upload project files to the S3 bucket



The screenshot shows the Amazon S3 console for the bucket 'my-495801546114-bucket'. The 'Objects' tab is selected, showing a list of 5 objects. The objects are: 'css/' (Folder), 'img/' (Folder), 'index.html' (html, 6.1 KB), 'README.txt' (txt, 382.0 B), and 'vendor/' (Folder). The 'index.html' and 'README.txt' files were uploaded on January 13, 2023, at 22:38:58 and 22:38:59 (UTC+02:00) respectively.

Name	Type	Last modified	Size	Storage class
css/	Folder	-	-	-
img/	Folder	-	-	-
index.html	html	January 13, 2023, 22:38:58 (UTC+02:00)	6.1 KB	Standard
README.txt	txt	January 13, 2023, 22:38:59 (UTC+02:00)	382.0 B	Standard
vendor/	Folder	-	-	-

3- Secure the S3 bucket



The screenshot shows the Amazon S3 console for the bucket 'my-495801546114-bucket'. The 'Block all public access' section is visible, showing a warning icon and the text 'Block all public access' with a status of 'Off'. Below this, the 'Bucket policy' section is shown, displaying a JSON policy that grants 's3:GetObject' permission to the public.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AddPerm",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::my-495801546114-bucket/*"
    }
  ]
}
```

4- Setup the S3 to host a static website

The screenshot shows the 'Edit static website hosting' configuration page in the AWS console. The 'Static website hosting' section is enabled. Under 'Hosting type', 'Host a static website' is selected. A note indicates that content must be publicly readable. The 'Index document' is set to 'index.html' and the 'Error document' is set to 'error.html'. There are no redirection rules defined.

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting
☐ Disable
☒ Enable

Hosting type
☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)
☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

Index document
Specify the home or default page of the website.

Error document - optional
This is returned when an error occurs.

Redirection rules - optional
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

5- The website static URL: my-495801546114-bucket.s3-website-us-east-1.amazonaws.com

This screenshot shows the summary page for static website hosting on the bucket. It confirms that the hosting is enabled and shows the bucket website endpoint URL.

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#) Edit

Static website hosting
Enabled

Hosting type
Bucket hosting

Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)
<http://my-495801546114-bucket.s3-website-us-east-1.amazonaws.com>

6- Create CloudFront domain URL: d2med41vnzxi5.cloudfront.net

The screenshot shows the 'CloudFront Distributions' page with one distribution listed. The distribution is named 'E1EDEFAPE90D51', has a description of '-', is of type 'Production', and is currently 'Enabled'.

ID	Descrip...	Type	Domain name	Alterna...	Origins	Status	Last m...
E1EDEFAPE90D51	-	Production	d2med41vnzxi5.cloudfront.net	-	my-495801546114-bucket.s3-website-us-east-1.amazonaws.com	Enabled	January