



Amazon Web
Services

STATIC WEB HOSTING PROJECT



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OVERVIEW

**LOGIN
TO AWS**

STEP 1

**NAVIGATE
TO S3
BUCKET**

STEP 2

**CREATE A
S3 BUCKET**

STEP 3

**ENABLE
STATIC WEB
HOSTING**

STEP 4

**EDIT
BUCKET
POLICY**

STEP 5

**UPLOAD AND
BROWSE THE
FILE**

STEP 6



S3 Standard Storage



S3 Standard - Infrequent Access (IA) Storage



S3 One Zone - Infrequent Access Storage

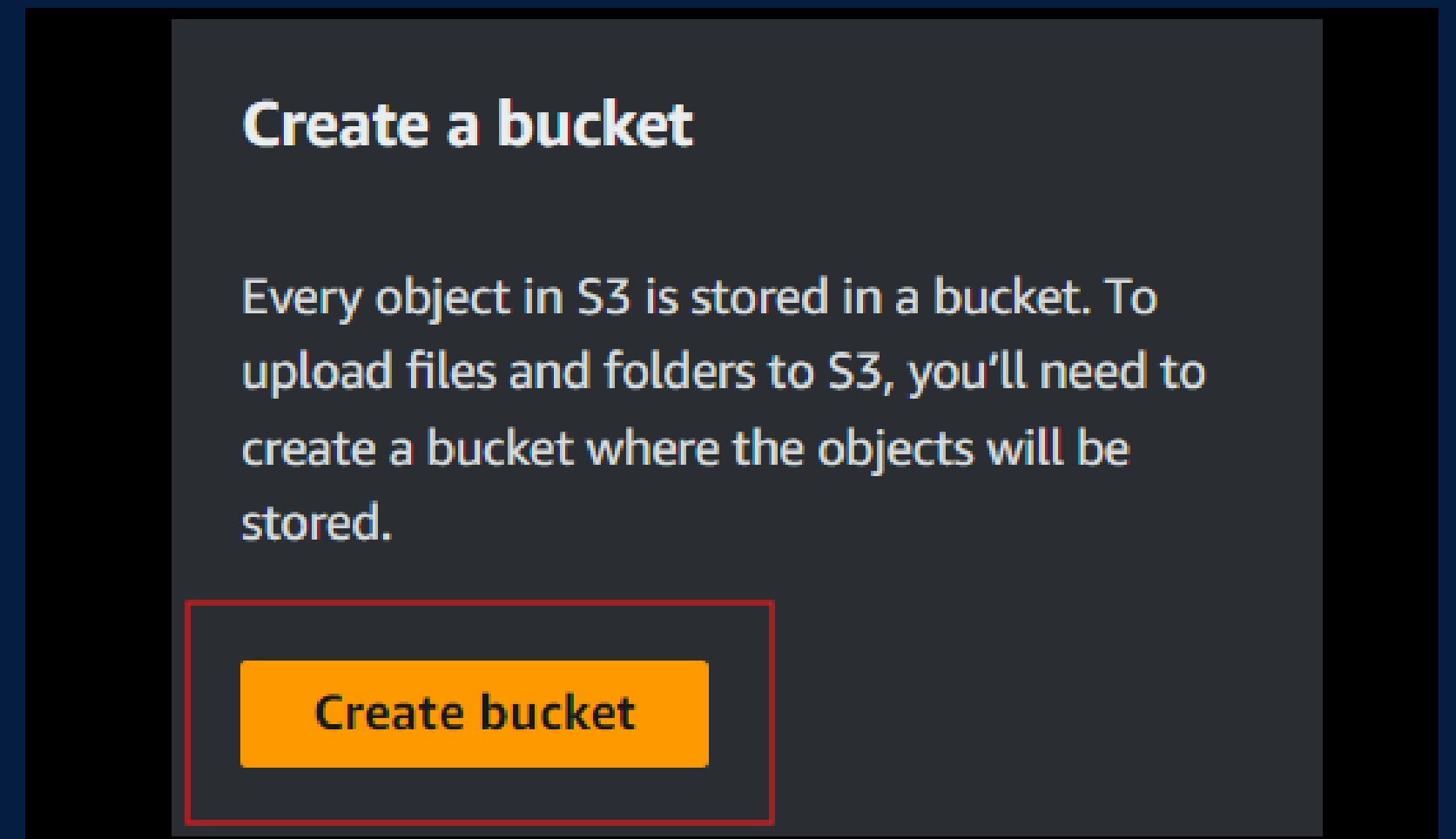
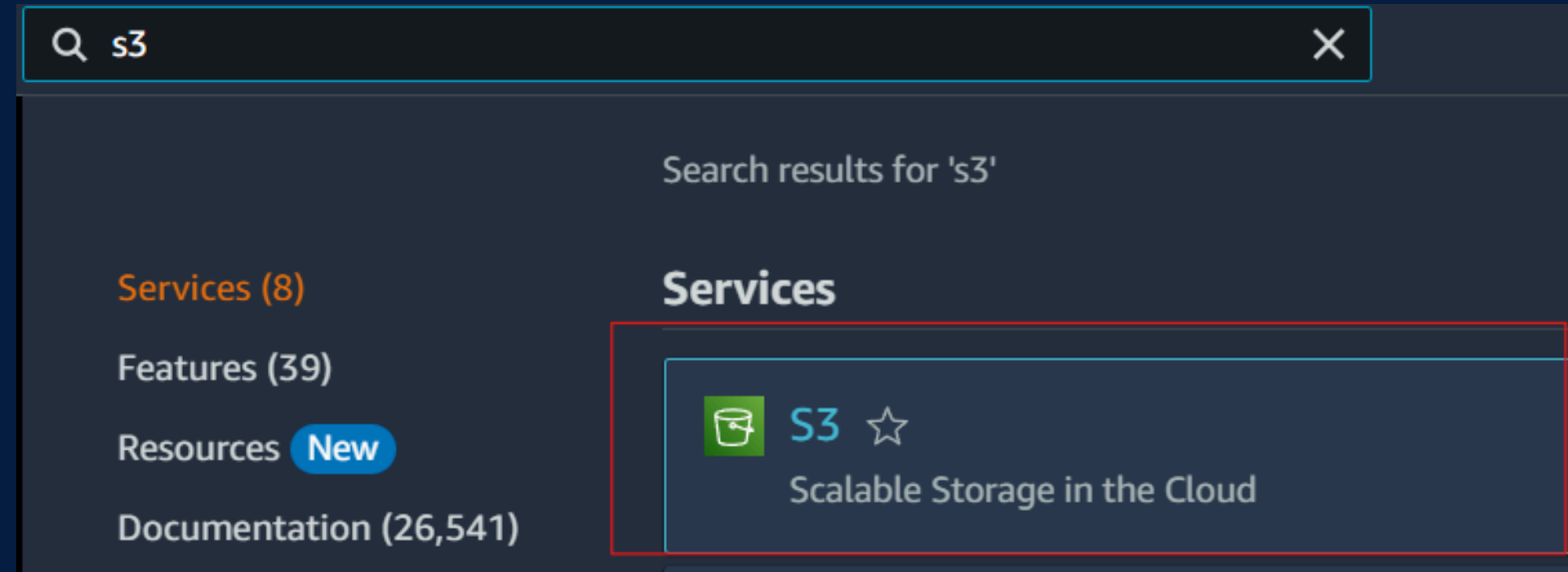


S3 Glacier Storage

**AWS S3 Storage
Costs: Six
Primary Classes**

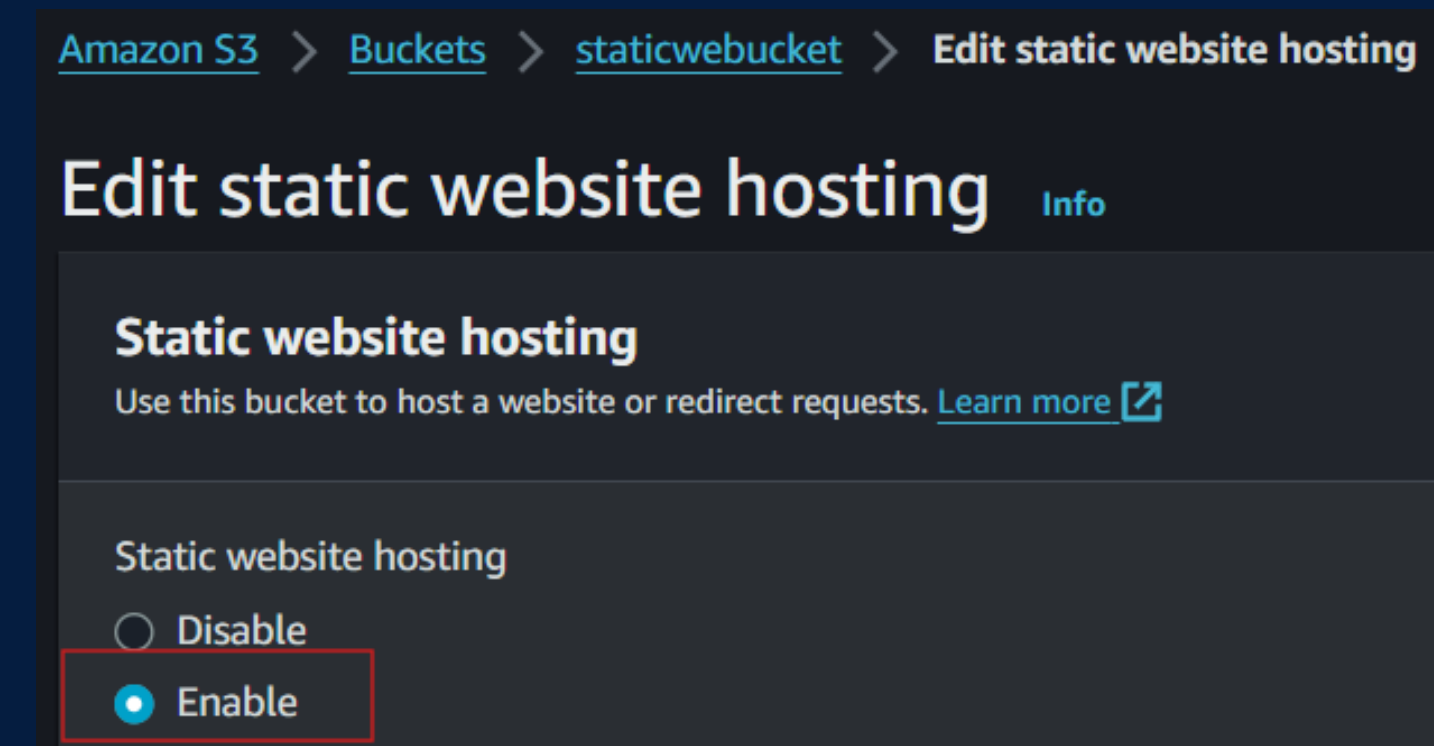
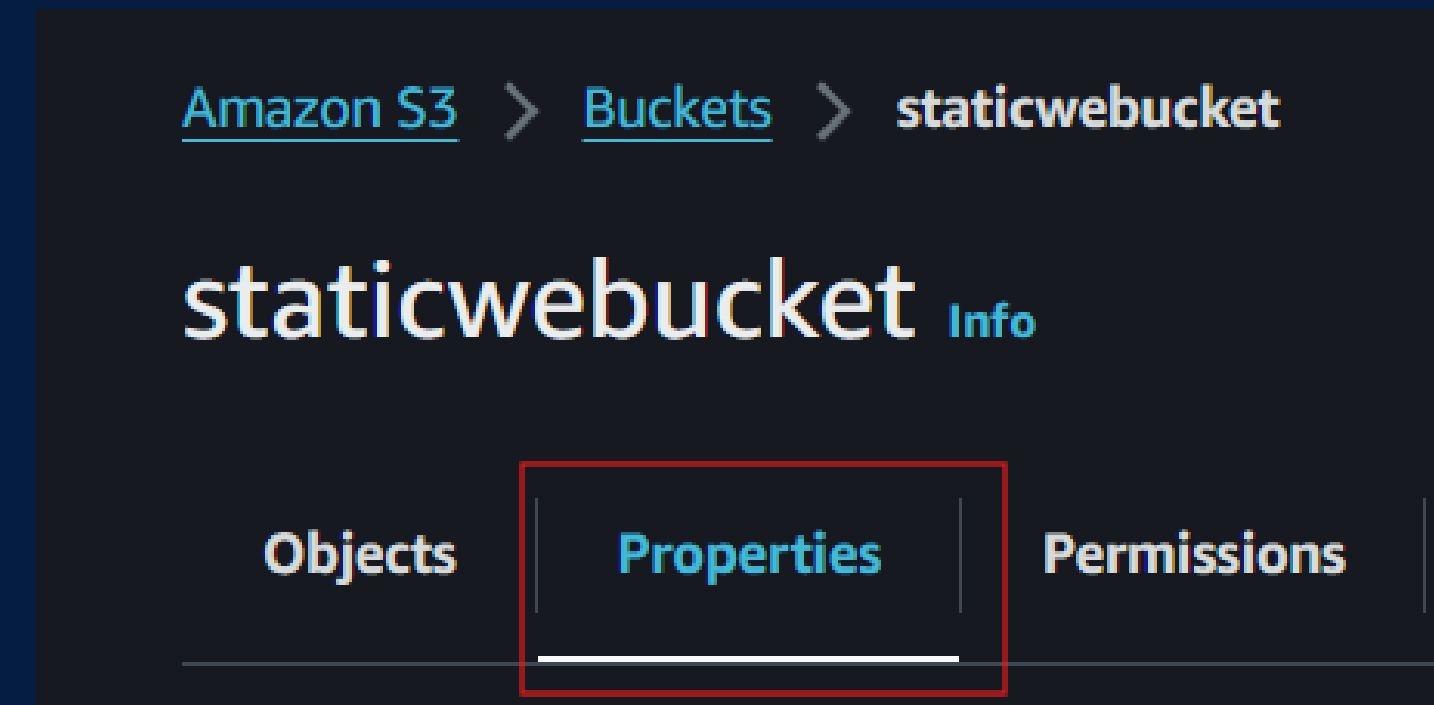
1. CREATE A S3 BUCKET

- a) Login to a AWS Management console
- b) Navigate to the S3 service.
- c) Click on "Create bucket."
- d) Provide a unique bucket name (e.g., my-static-website-bucket).
- e) Choose the region closest to you.
- f) Click "Create bucket" at the bottom.



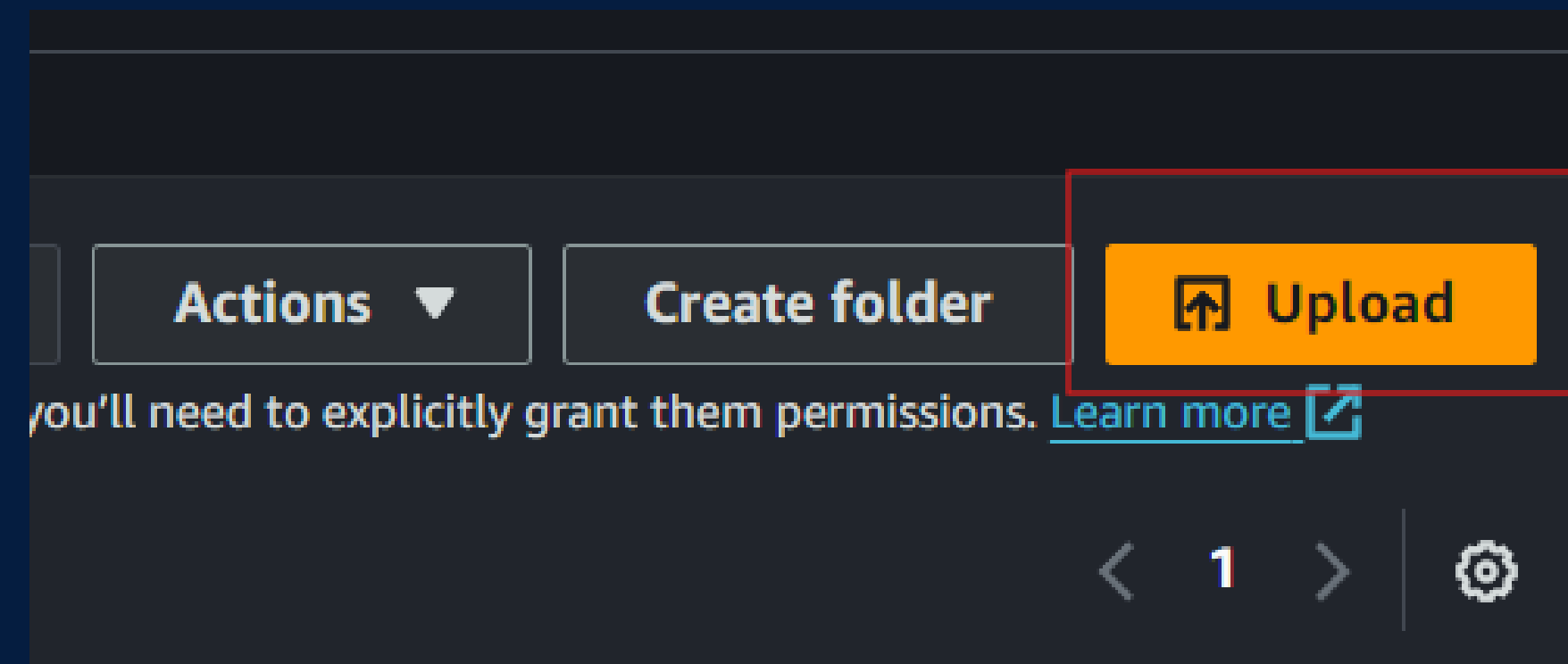
2. Enable Static Website Hosting :

- a) Click on your newly created bucket.
- b) Go to the "Properties" tab.
- c) Scroll down to the "Static website hosting" section.
- d) Select "Enable" and configure the following:
 - Index document: index.html
 - Error document: error.html
(if you have one)
- e) Click "Save changes."



3. Upload Your Website Files to S3 :

- a) Go to the "Objects" tab of your bucket.
- b) Click "Upload" and select all the files from your project directory.
- c) Ensure you maintain the directory structure (i.e., html, css, js).
- d) Click "Upload" to start the upload process.



4. Make Your Bucket Public

- Go to the "Permissions" tab of your bucket.
- Click "Bucket Policy" and add the following policy to allow public read access:
- Replace my-static-website-bucket with your actual bucket name.
- Click "Save changes."

[Amazon S3](#) > [Buckets](#) > staticwebbucket

staticwebbucket [Info](#)

Objects

Properties

Permissions



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

5. Access Your Website

a) Go to the "Properties" tab of your bucket.

Bucket website endpoint

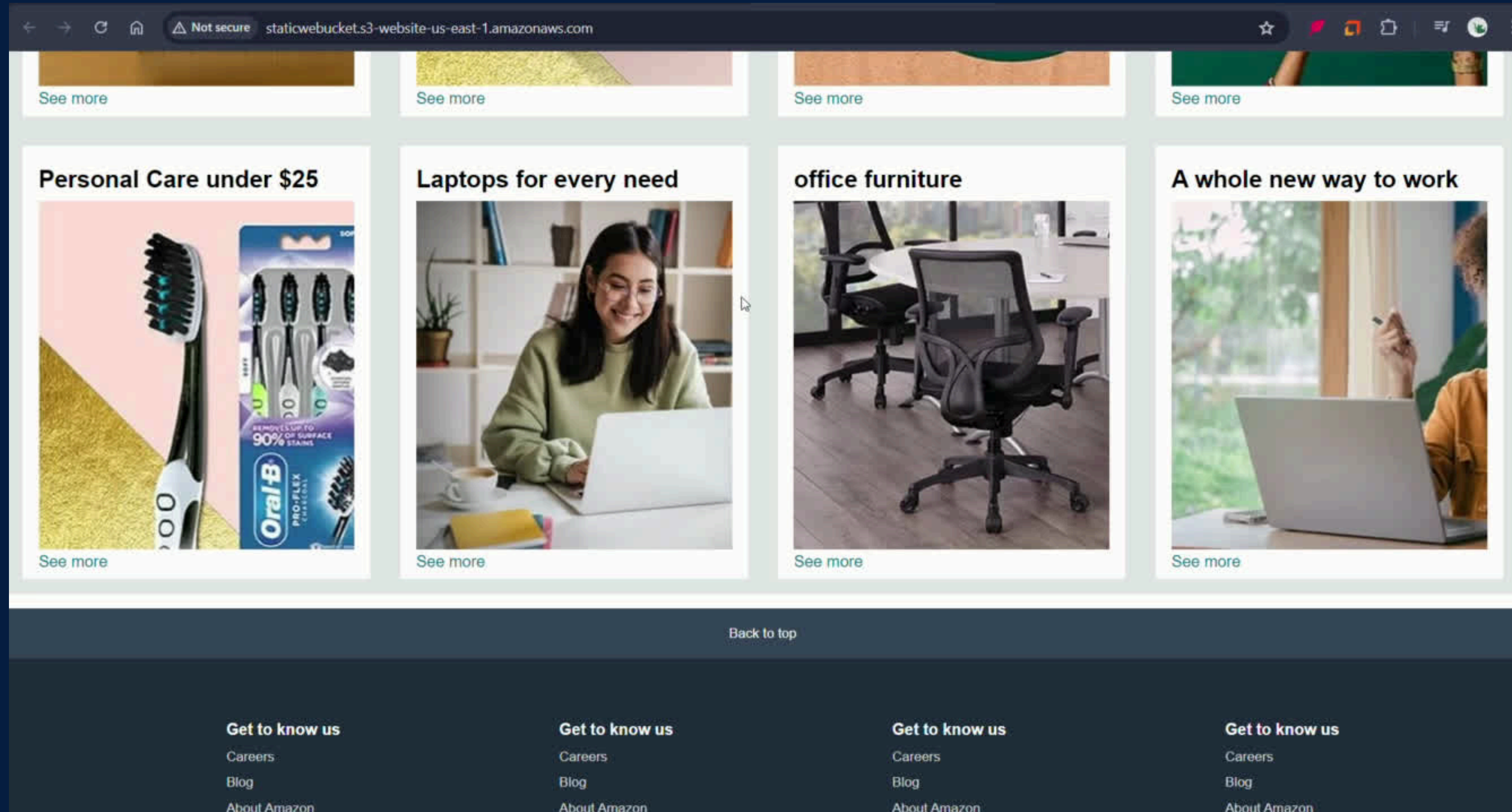
When you configure your bucket as a static website, the website is available at the

 <http://staticwebbucket.s3-website-us-east-1.amazonaws.com> 

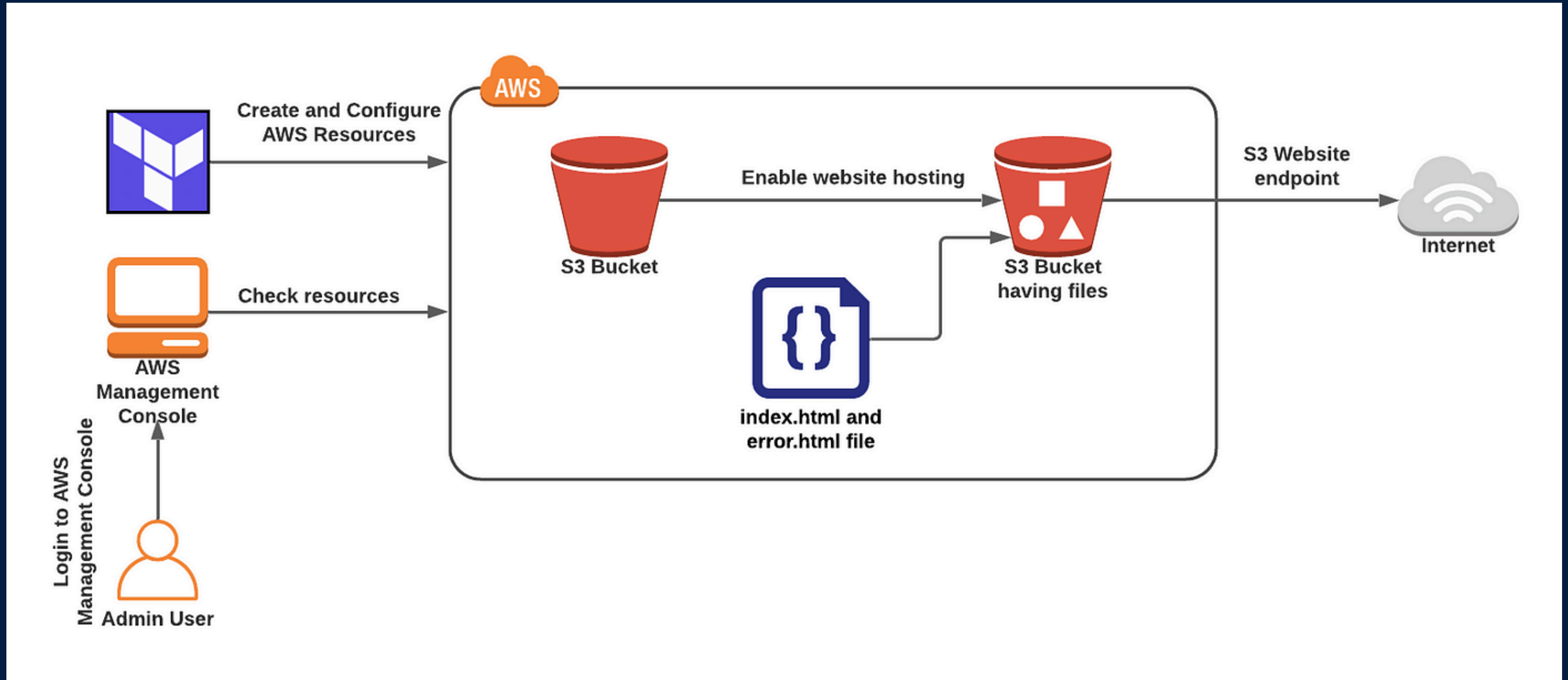
b) In the "Static website hosting" section, you will see the "Bucket website endpoint" URL.

c) Click the URL to open your static website in a browser.

6. Result of static website hosting



7. FLOW DIAGRAM OF STATIC WEBSITE HOSTING





Thank's For Watching

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