Amazon Web Services

STATIC WEB HOSTING PROJECT

Presented by: PRASHANT YADAV

prashantyadav91253@gmail.com

1. CREATE A S3 BUCKET

a) Login to a AWS Management console

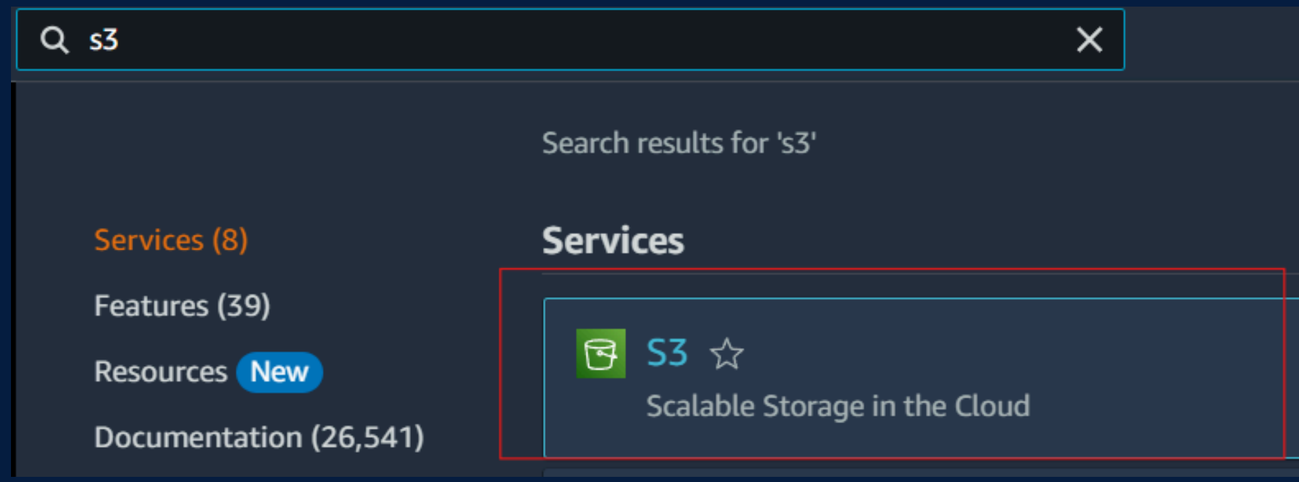
b) Navigate to the S3 service.

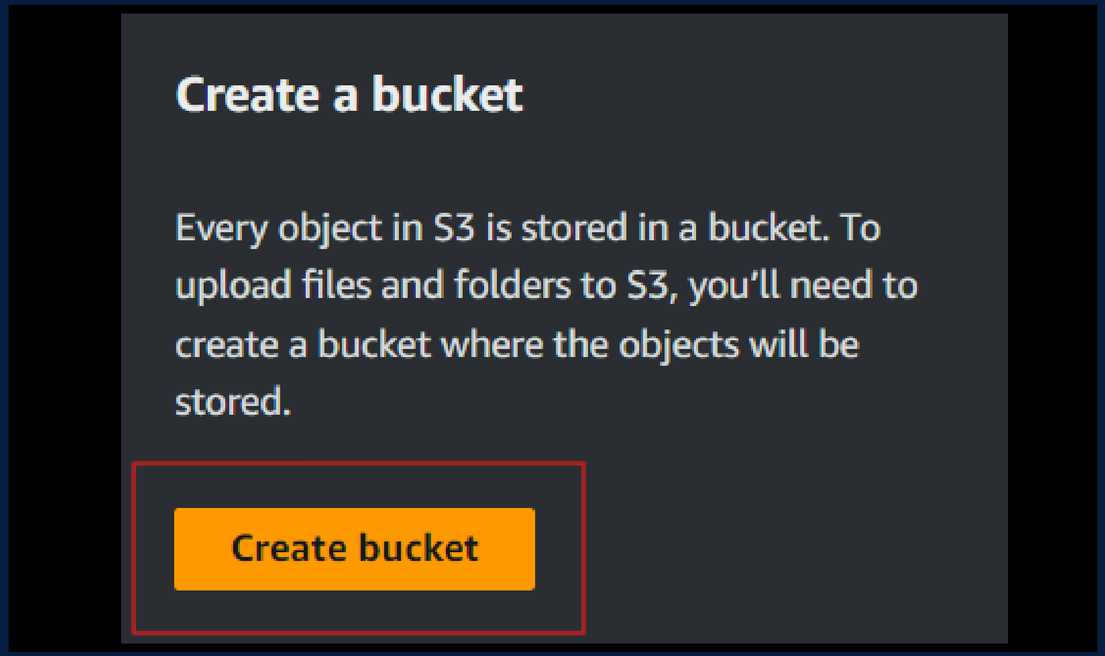
c) Click on "Create bucket."

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.

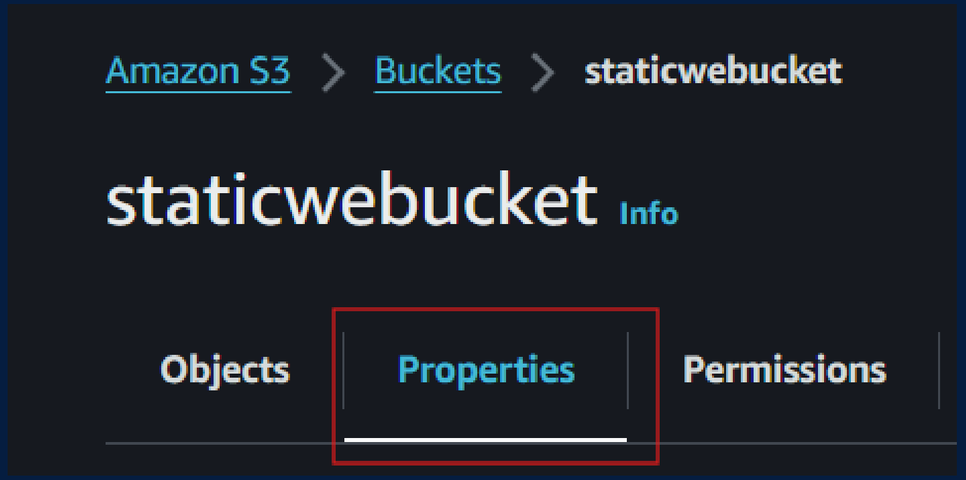
b) Go to the "Properties" tab.

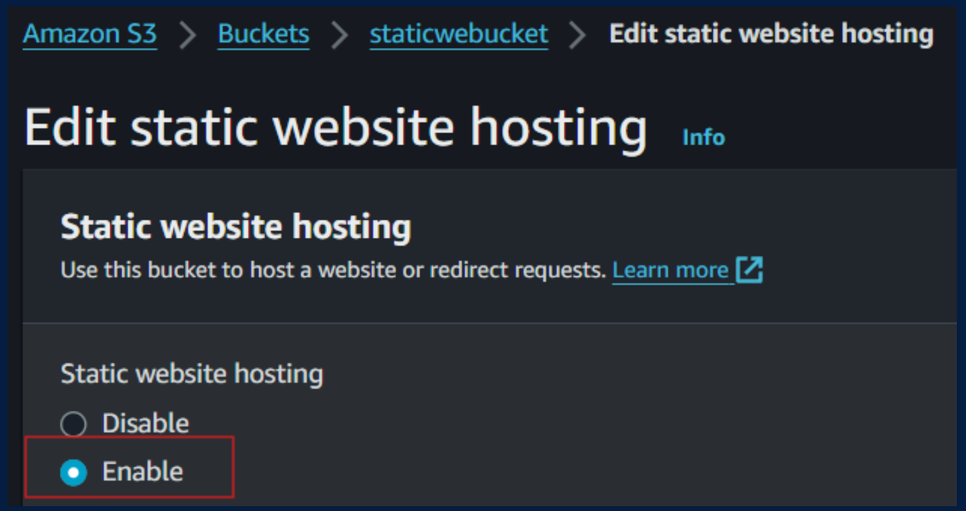
c) Scroll down to the "Static website hosting" section.

d) Select "Enable" and configure the following:

- Index document: index.html
- Error document: error.html (if you have one)

e) Click "Save changes."

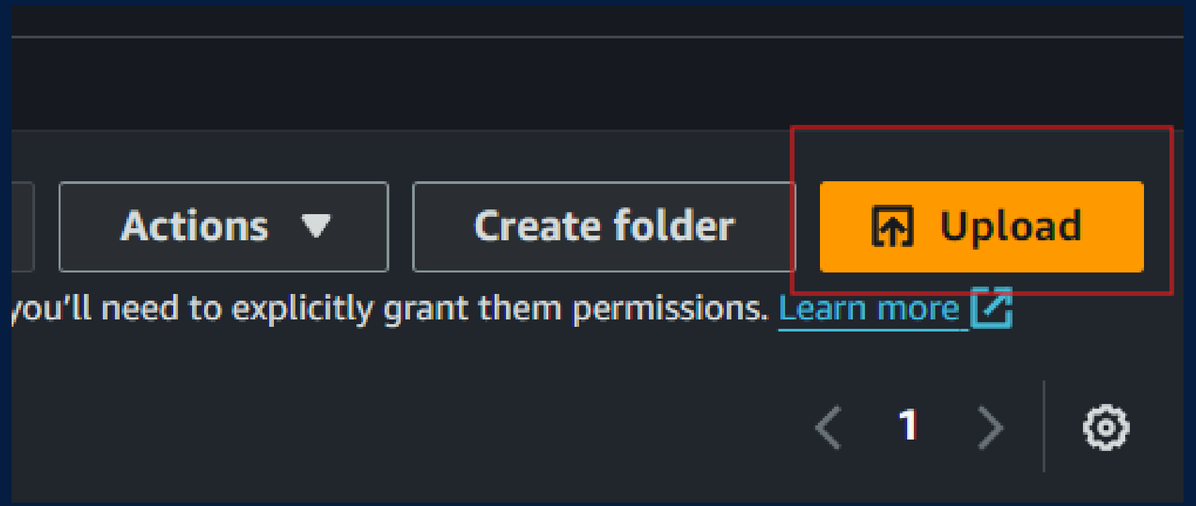




3. Upload Your Website Files to S3 :

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

b) Click "Upload" and select all the files from your project directory.

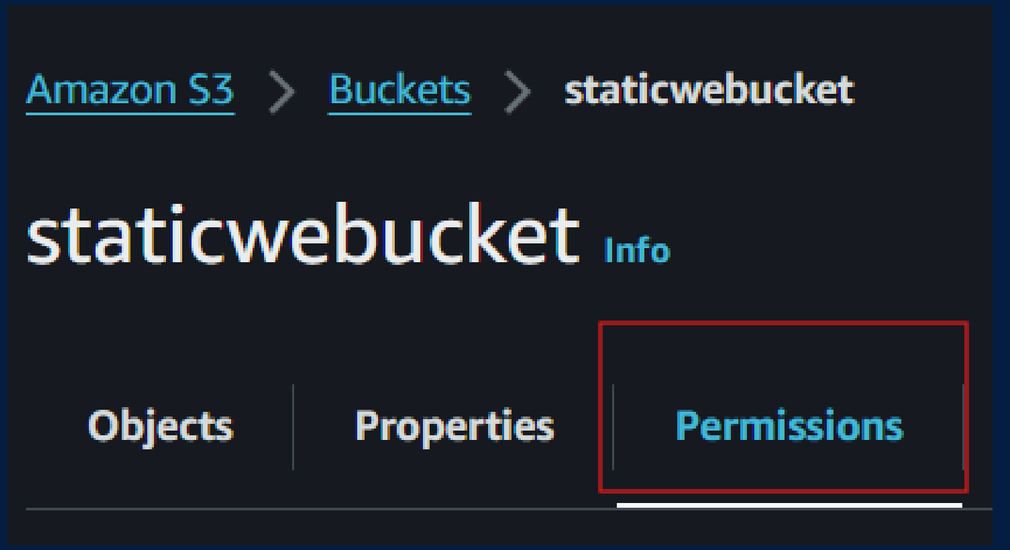


c) Ensure you maintain the directory structure (i.e., html, css, js).

d) Click "Upload" to start the upload process.

4. Make Your Bucket Public

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



b) Click "Bucket Policy" and add the following policy to allow public read access:

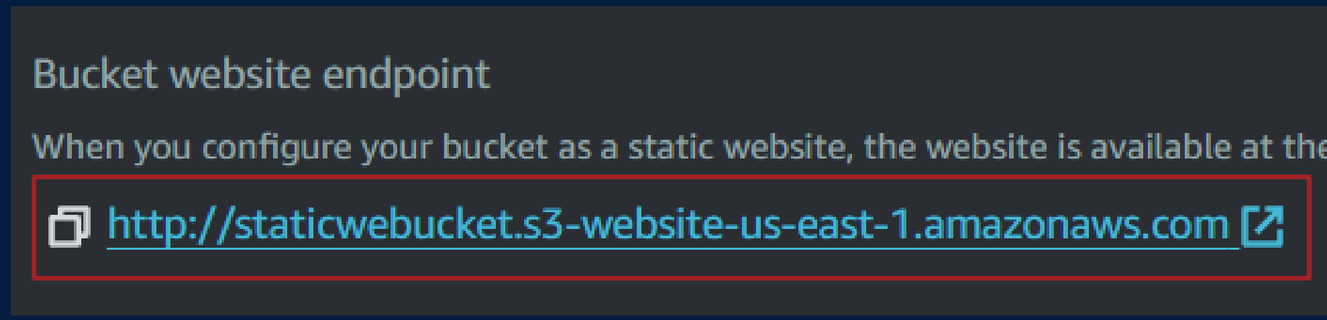
c) Replace my-static-website-bucket with your actual bucket name.

d) Click "Save changes."

```
{
    "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

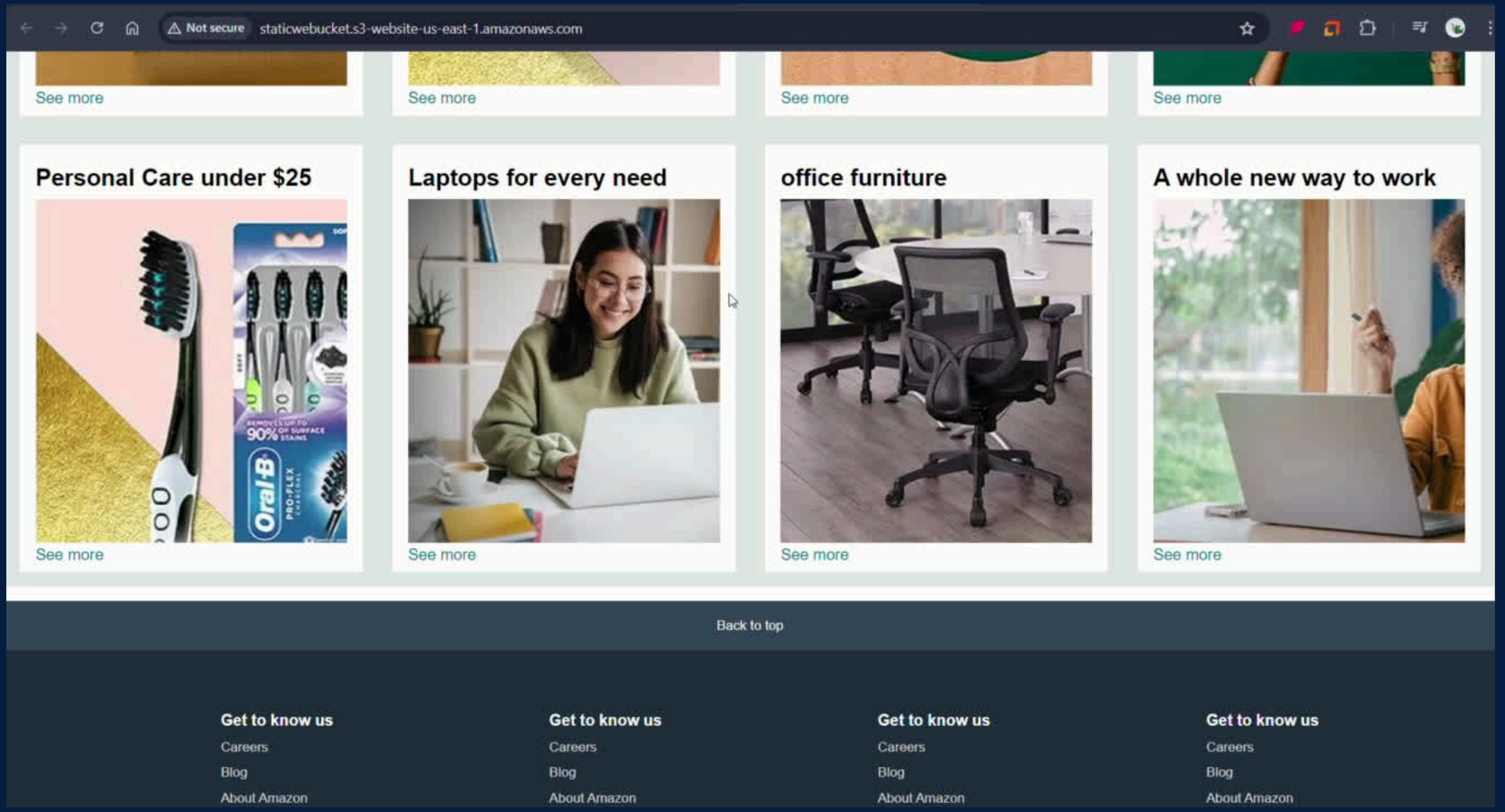
a) Go to the "Properties" tab of your bucket.



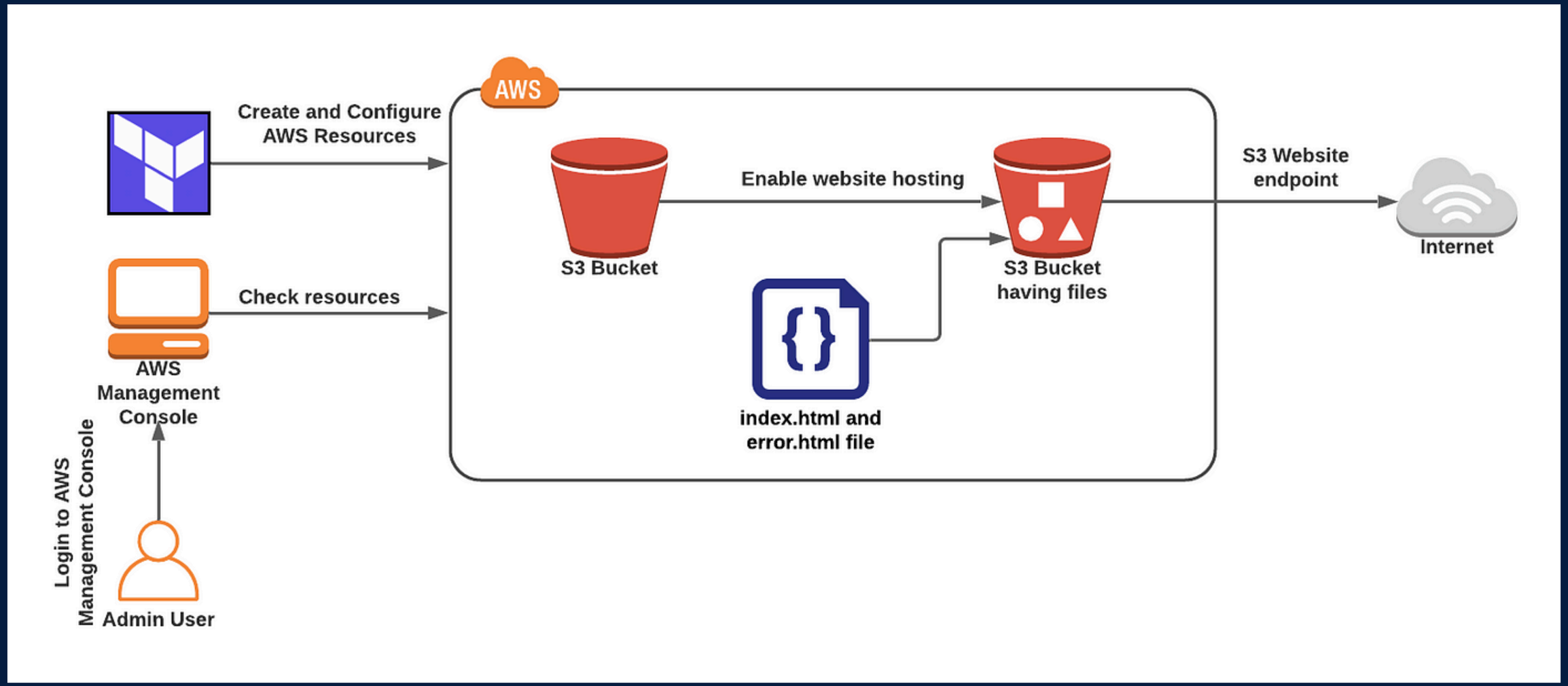
b) In the "Static website hosting" section, you will see the "Bucket website endpoint" URL.

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 YOU

FOR YOUR APPRECIATION