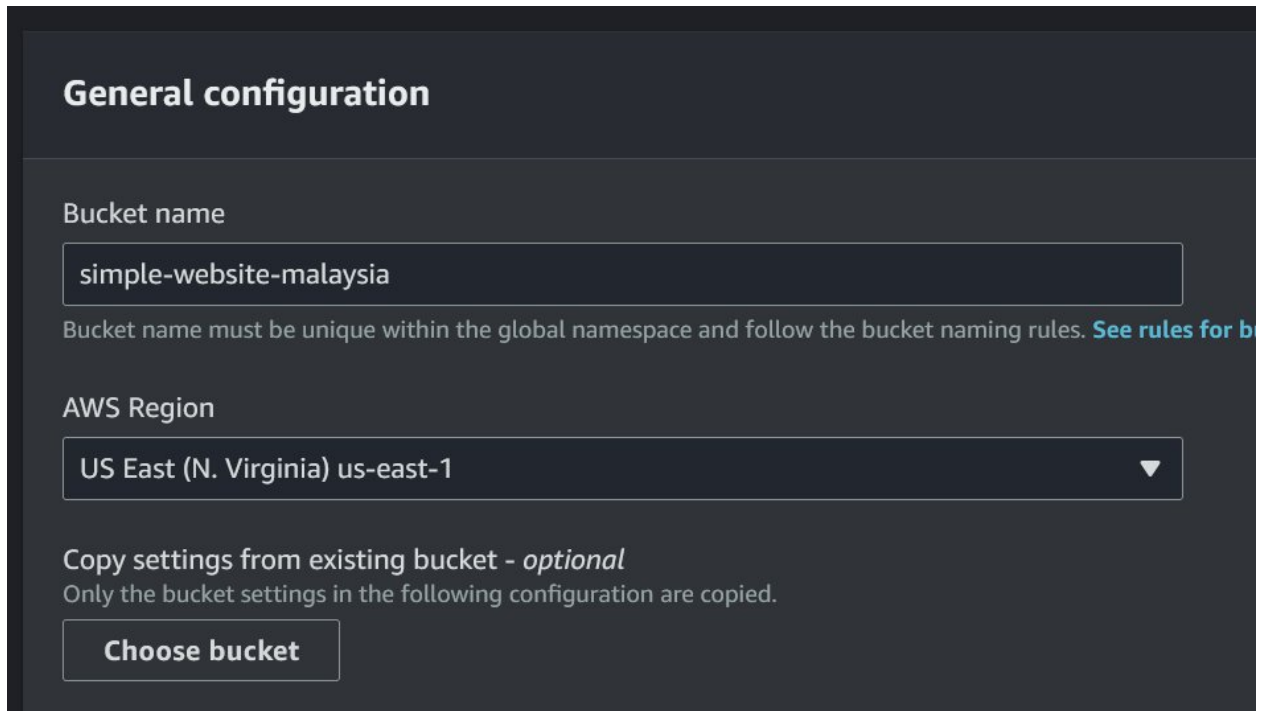## Objective

Create a static website hosted on Amazon S3.

Steps

1. Creation of a S3 Bucket

First of all, we will create an s3 bucket on the aws management console.

We ensure to activate public access to the bucket by unchecking this option:

2. Enable Static Website Hosting

We will wnable it by going in 'Static Website Hosting' section:

After enable the static website hosting, we will define the index document as 'index.html':

3. Create and upload file

Now, we will create an html file 'index.html' and upload it to the bucket we created.

4. Set Bucket Policy

We modify the policy of the bucket by going in 'Permissions' tab of the bucket in order to allow public read access to the bucket's objects. You will find below the policy i applied for my bucket:

```
{
 "Version": "2012-10-17",
 "Statement": [
   {
    "Sid": "PublicRead",
    "Effect": "Allow",
    "Principal": "*",
    "Action": "s3:GetObject",
    "Resource": "arn:aws:s3:::simple-website-malaysia/*"
   }
 ]
}
```

5. Access the website

The configuration is now finished! We can now access publicly to our website hosted on an S3 Bucket using the endpoint URL available in the 'Static Website Hosting' section in the bucket properties.

Conclusion

This pretty simple hands-on project permits us to understand how to host static websites on AWS!