

## Assignment 3: - Introduction to AWS S3 (Simple Storage Service) and Hosting a Static Website Using Amazon Simple Storage Service

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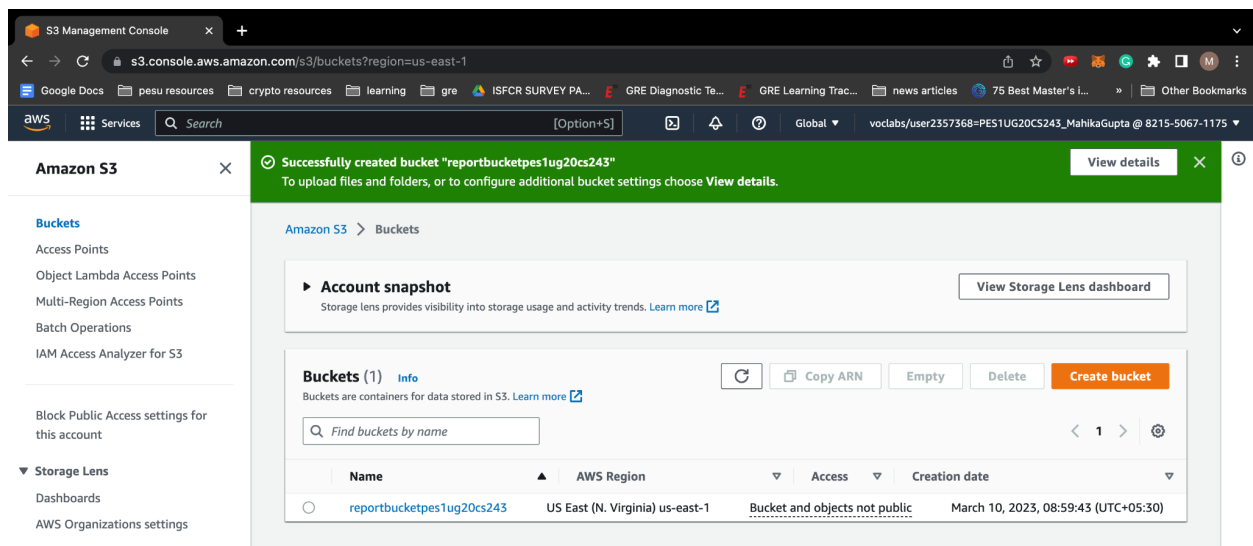
Date: 10/03/2023

### Deliverables:

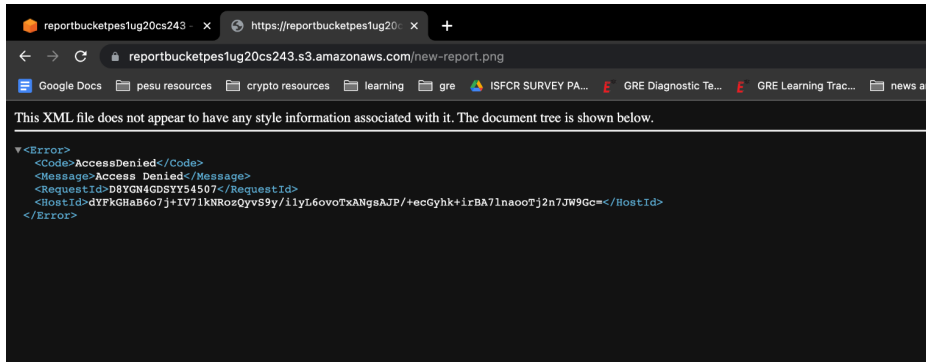
The following screenshots are to be submitted:

In Lab 1:

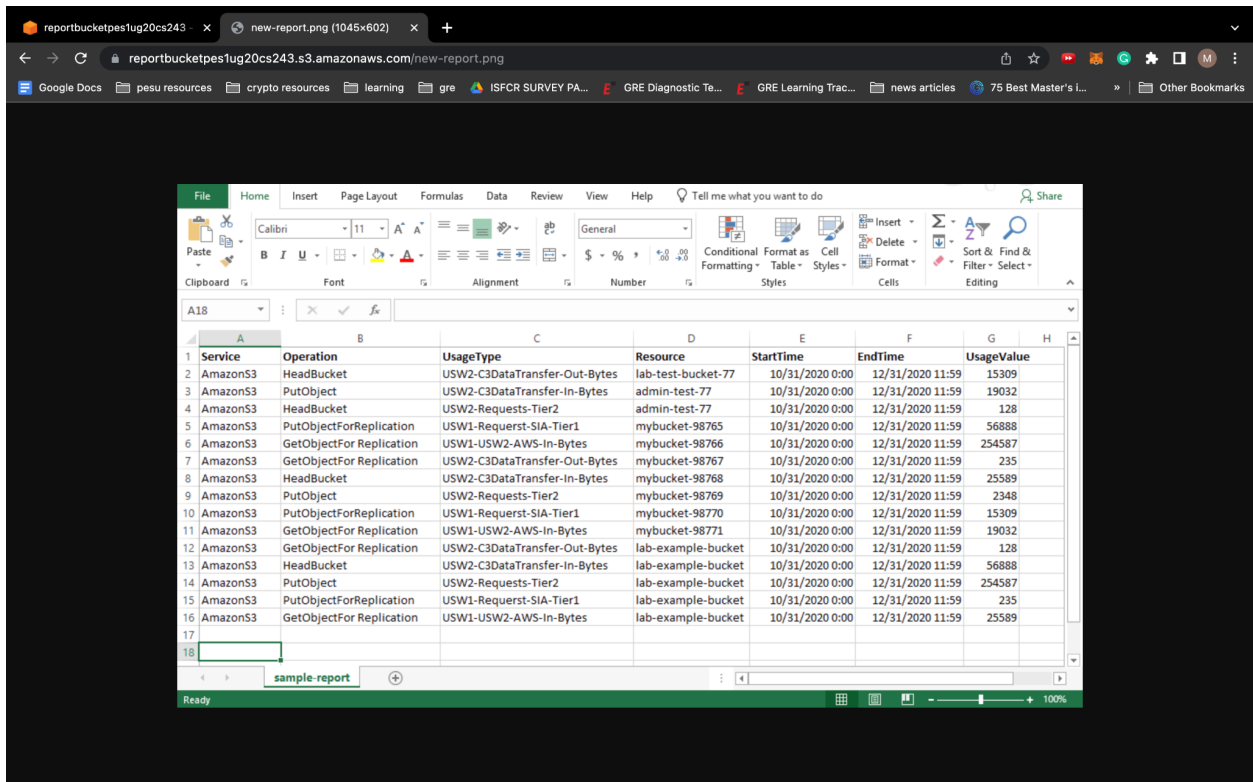
### Screenshot 1a: Bucket Creation



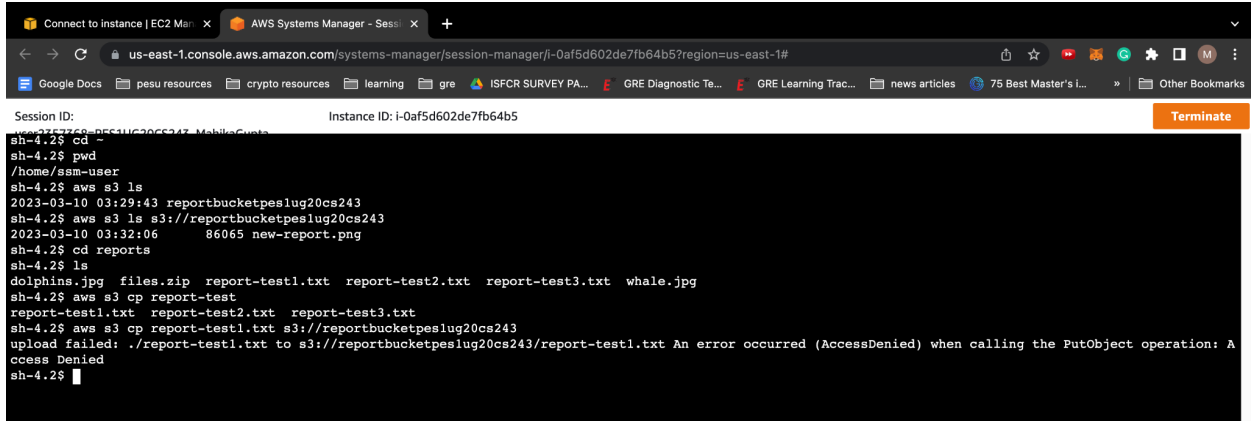
## Screenshot 1b: Access denied error when opening new-report.png



## Screenshot 1c: Display new-report.png after making it publicly accessible



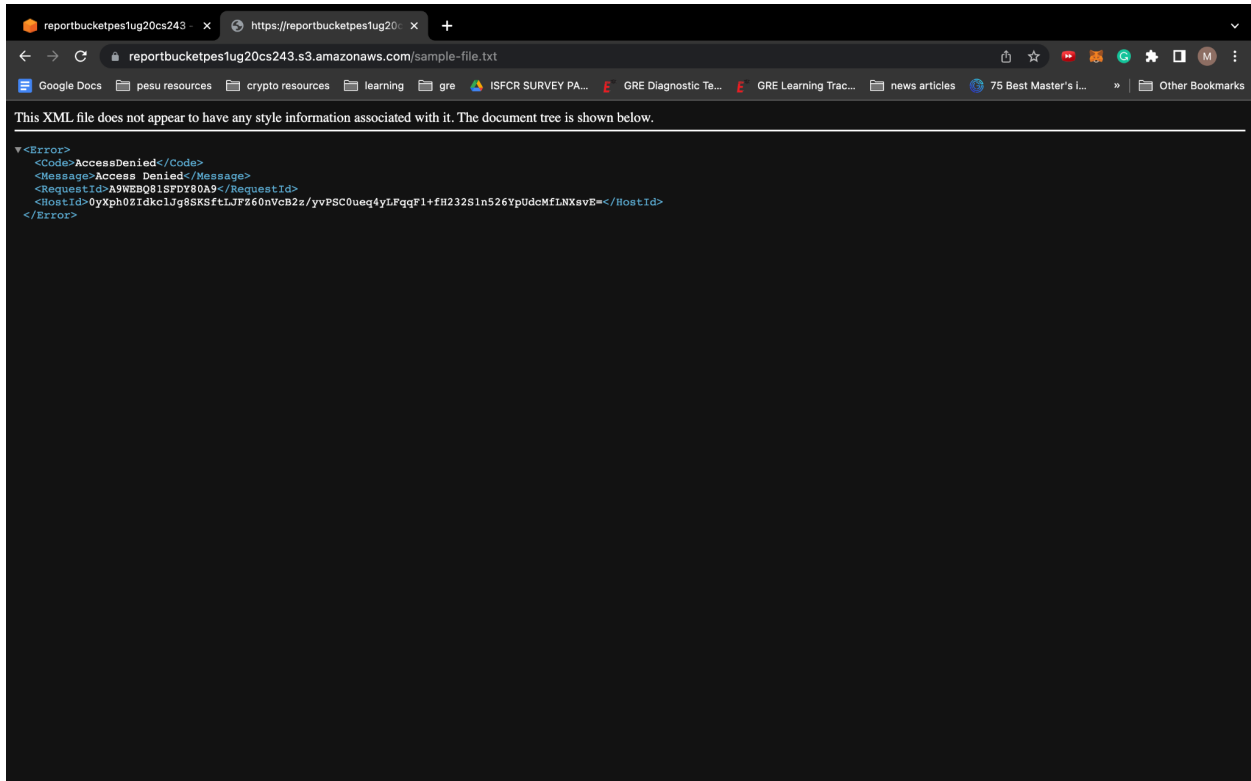
## Screenshot 1d: PutObject operation failed (Access Denied)



The screenshot shows a terminal window within an AWS Systems Manager session. The user is logged in as 'ssm-user' on an instance with ID 'i-0af5d602de7fb64b5'. The user runs a series of commands to upload files to an S3 bucket named 'reportbucketpeslug20cs243'. The files include 'dolphins.jpg', 'report-test1.txt', 'report-test2.txt', 'report-test3.txt', and 'whale.jpg'. The upload of 'report-test1.txt' fails with an 'Access Denied' error. The error message states: 'upload failed: ./report-test1.txt to s3://reportbucketpeslug20cs243/report-test1.txt An error occurred (AccessDenied) when calling the PutObject operation: Access Denied'.

```
sh-4.2$ cd ~
sh-4.2$ pwd
/home/ssm-user
sh-4.2$ aws s3 ls
2023-03-10 03:29:43 reportbucketpeslug20cs243
sh-4.2$ aws s3 ls s3://reportbucketpeslug20cs243
2023-03-10 03:32:06      86065 new-report.png
sh-4.2$ cd reports
sh-4.2$ ls
dolphins.jpg  files.zip  report-test1.txt  report-test2.txt  report-test3.txt  whale.jpg
sh-4.2$ aws s3 cp report-test
report-test1.txt  report-test2.txt  report-test3.txt
sh-4.2$ aws s3 cp report-test1.txt s3://reportbucketpeslug20cs243
upload failed: ./report-test1.txt to s3://reportbucketpeslug20cs243/report-test1.txt An error occurred (AccessDenied) when calling the PutObject operation: Access Denied
sh-4.2$
```

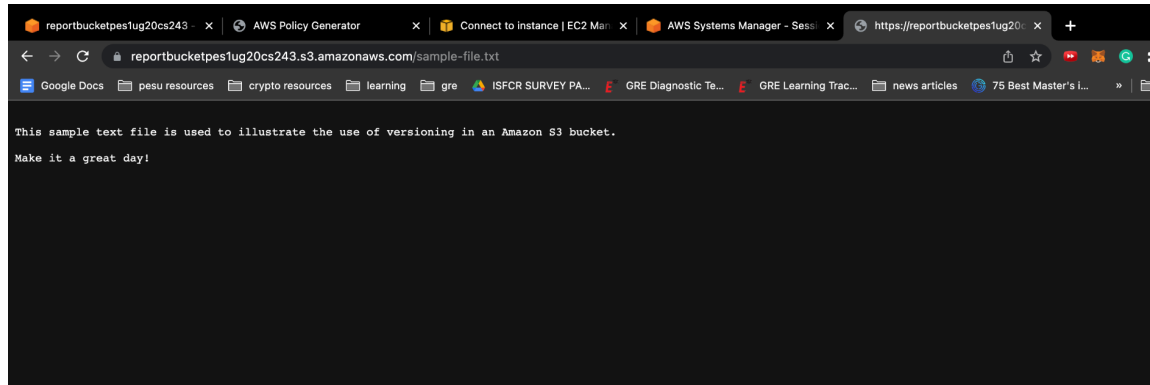
## Screenshot 1e: Access denied error when opening sample-file.txt



The screenshot shows the AWS S3 console interface. The user is viewing the 'sample-file.txt' object in the 'reportbucketpeslug20cs243' bucket. The console displays an error message: 'This XML file does not appear to have any style information associated with it. The document tree is shown below.' The error is an 'AccessDenied' error, with the message 'Access Denied' and a request ID 'A9WEBQ81SPDY80A9'. The host ID is '0yXph0ZIdkclJg8SKSftLJFz60nVcB2z/yvPSC0ueq4yLFqqF1+fH232Sln526YpUdcMfJNXsvE'.

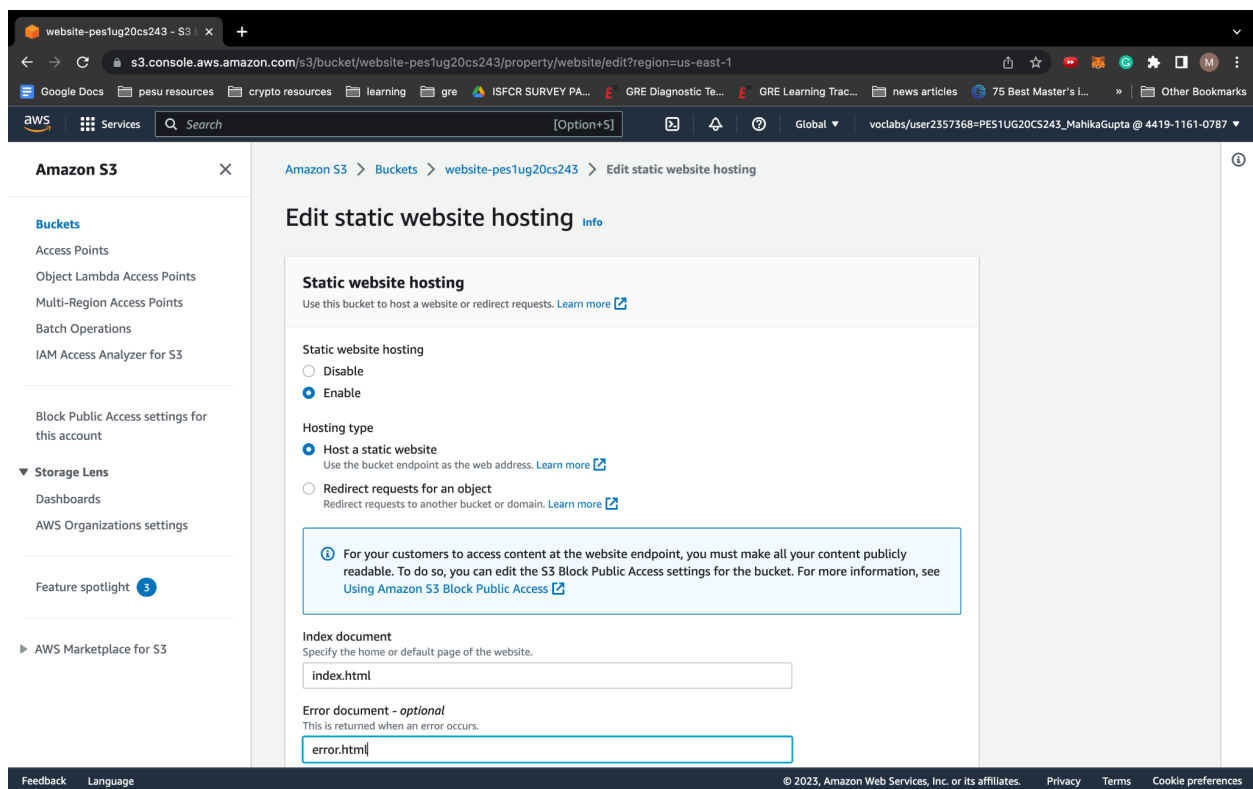
```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>A9WEBQ81SPDY80A9</RequestId>
  <HostId>0yXph0ZIdkclJg8SKSftLJFz60nVcB2z/yvPSC0ueq4yLFqqF1+fH232Sln526YpUdcMfJNXsvE</HostId>
</Error>
```

## Screenshot 1f: Display sample-file.txt after updating policy

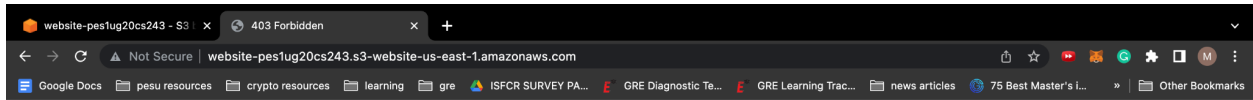


In Lab 7:

## Screenshot 2a: Enabled static website option selected under “Edit static website hosting”



## Screenshot 2b: 403 Forbidden Error page



### 403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: 6YVKDBF37RDQXYGM
- HostId: 6alzBmSY1eeN06hzVzxVJslTtrN0LjN0vJx9oVpDnnupCRIpeiTKPr9M9XOSkRyPqfPDzJ9Sng=

#### An Error Occurred While Attempting to Retrieve a Custom Error Document

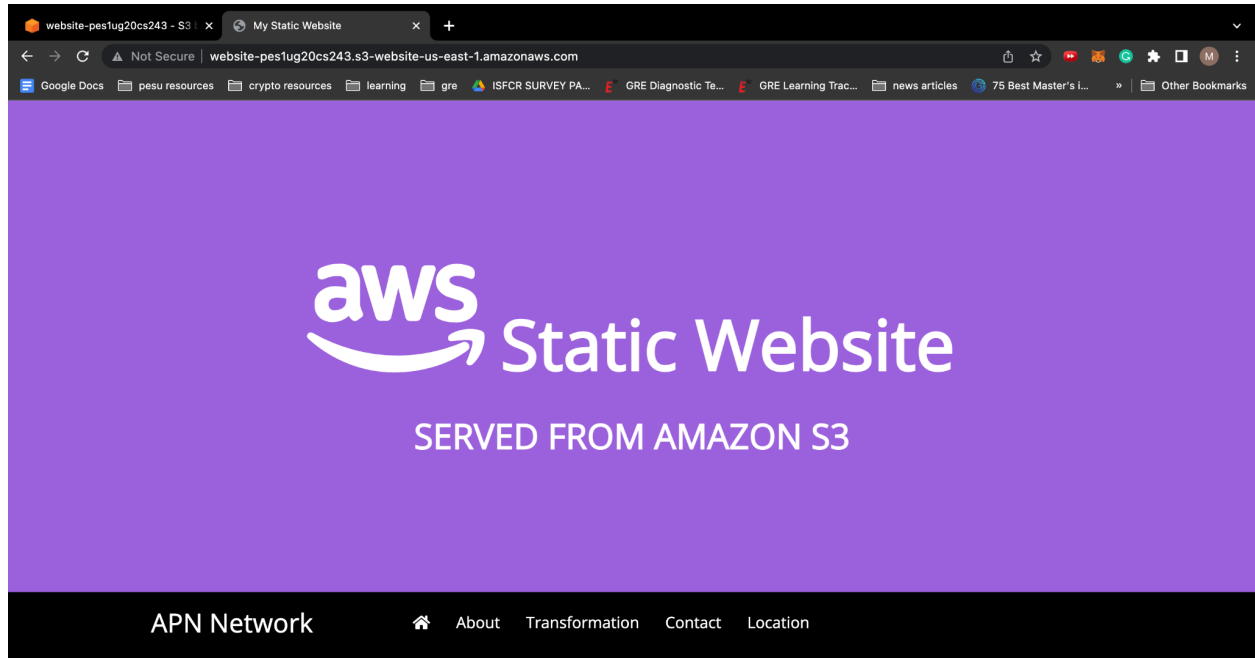
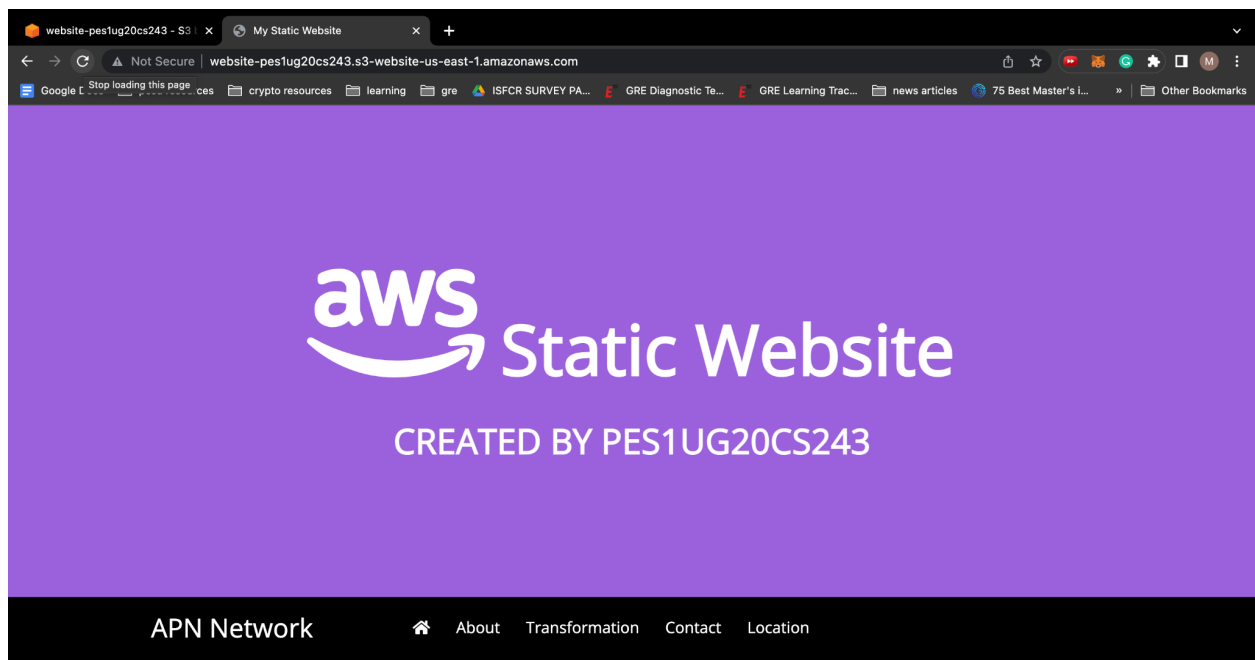
- Code: AccessDenied
- Message: Access Denied

## Screenshot 2c: Uploaded objects (index.html, script.js, style.css)

A screenshot of the AWS S3 Management Console. The top navigation bar shows 'S3 Management Console' and '403 Forbidden'. The main content area shows a green banner indicating 'Upload succeeded'. Below this, a summary table shows the upload details. The 'Files and folders' section shows a table with 3 files: index.html, script.js, and style.css, all of which were uploaded successfully.

Summary						
Destination	Succeeded	Failed				
s3://website-pes1ug20cs243	3 files, 14.8 KB (100.00%)	0 files, 0 B (0%)				

Files and folders (3 Total, 14.8 KB)						
Name	Folder	Type	Size	Status	Error	
index.html	-	text/html	9.8 KB	Succeeded	-	
script.js	-	text/javascript	2.0 KB	Succeeded	-	
style.css	-	text/css	3.1 KB	Succeeded	-	

**Screenshot 2d: Static website before modifying index.html file****Screenshot 2e: Static website after modifying index.html file****ABOUT US**

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