

SRN : PES1UG20CS825

NAME : PREM SAGAR J S

SEC : 'H'

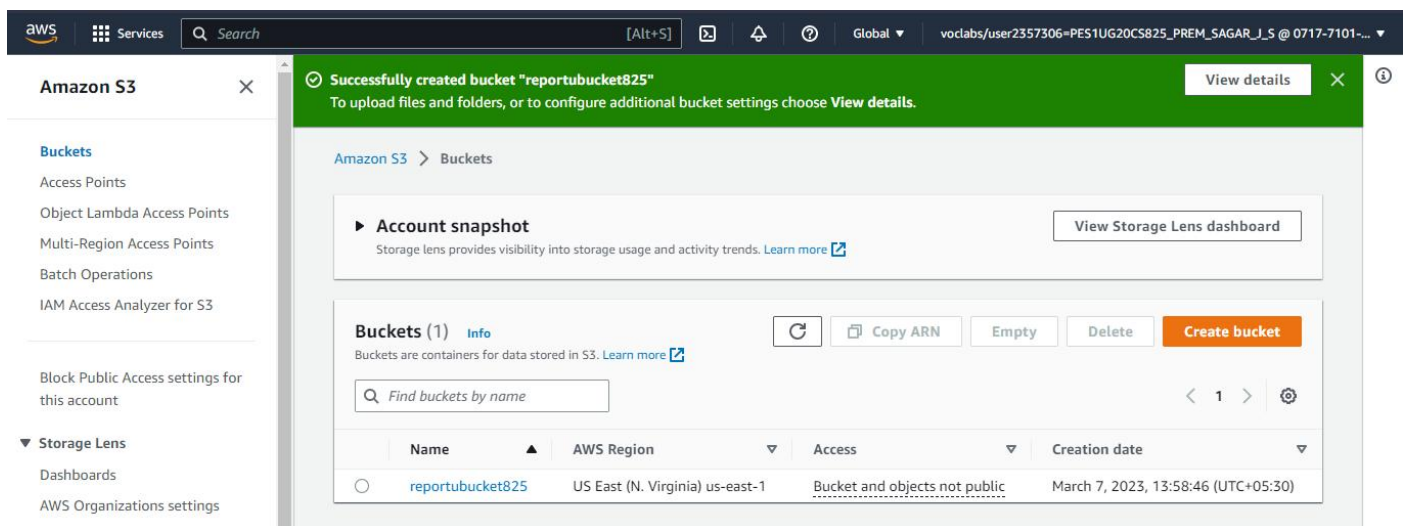
Assignment 3: –

Introduction to AWS S3 (Simple Storage Service) and Hosting a Static Website Using Amazon Simple Storage Service

Deliverables:

In Lab 1:

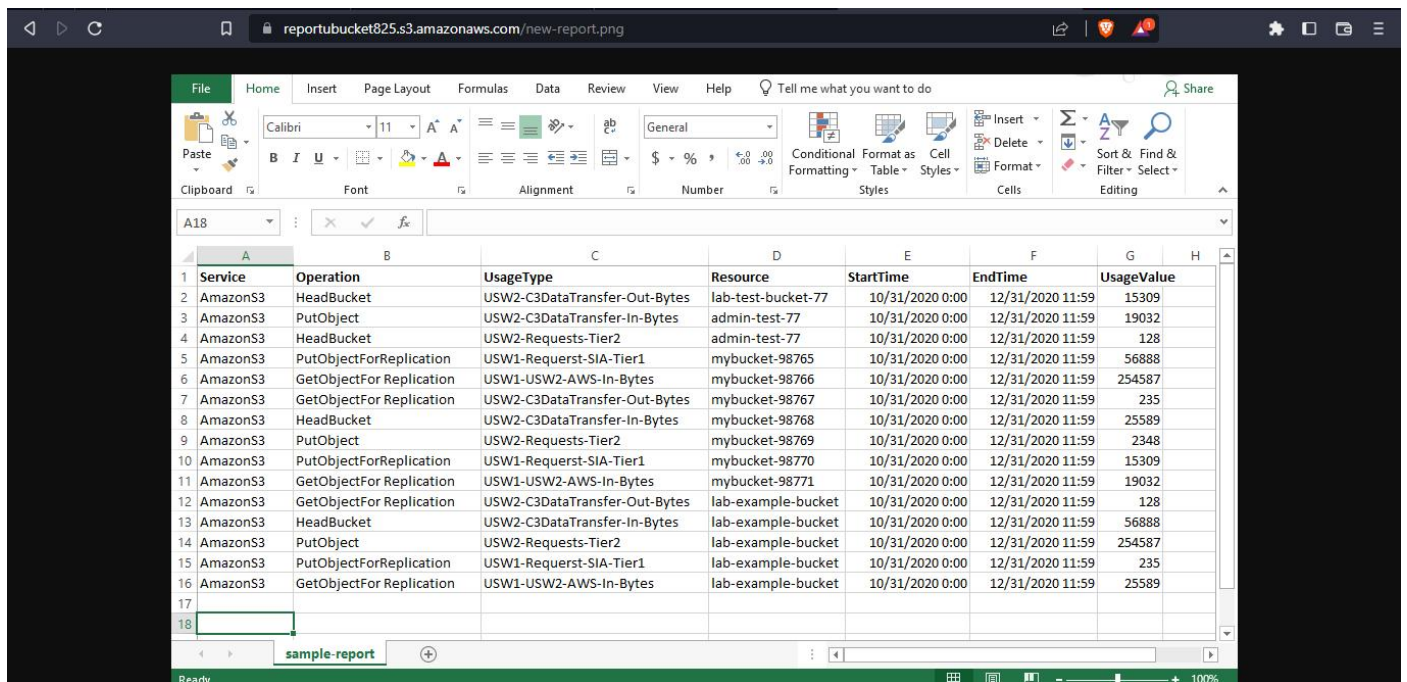
➤ Screenshot 1a: Bucket Creation



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



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



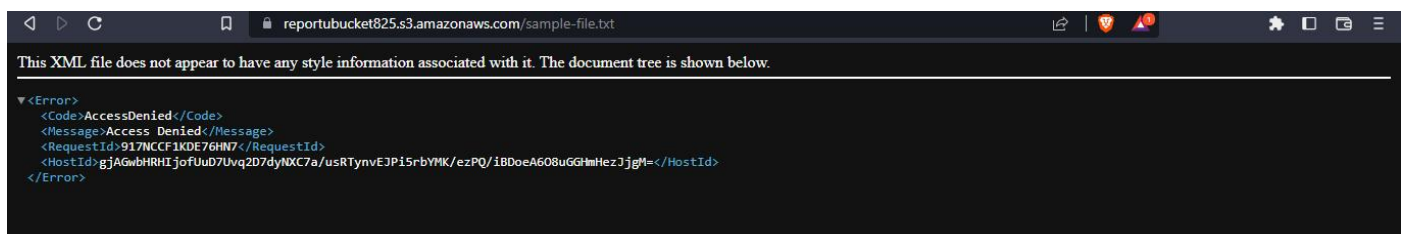
	A	B	C	D	E	F	G	H
	Service	Operation	UsageType	Resource	StartTime	EndTime	UsageValue	
2	AmazonS3	HeadBucket	USW2-C3DataTransfer-Out-Bytes	lab-test-bucket-77	10/31/2020 0:00	12/31/2020 11:59	15309	
3	AmazonS3	PutObject	USW2-C3DataTransfer-In-Bytes	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	19032	
4	AmazonS3	HeadBucket	USW2-Requests-Tier2	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	128	
5	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98765	10/31/2020 0:00	12/31/2020 11:59	56888	
6	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	mybucket-98766	10/31/2020 0:00	12/31/2020 11:59	254587	
7	AmazonS3	GetObjectForReplication	USW2-C3DataTransfer-Out-Bytes	mybucket-98767	10/31/2020 0:00	12/31/2020 11:59	235	
8	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	mybucket-98768	10/31/2020 0:00	12/31/2020 11:59	25589	
9	AmazonS3	PutObject	USW2-Requests-Tier2	mybucket-98769	10/31/2020 0:00	12/31/2020 11:59	2348	
10	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98770	10/31/2020 0:00	12/31/2020 11:59	15309	
11	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	mybucket-98771	10/31/2020 0:00	12/31/2020 11:59	19032	
12	AmazonS3	GetObjectForReplication	USW2-C3DataTransfer-Out-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	128	
13	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	56888	
14	AmazonS3	PutObject	USW2-Requests-Tier2	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	254587	
15	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	235	
16	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	25589	

- Screenshot 1d: Put Object operation failed (Access Denied)

```
sh-4.2$ cd
sh-4.2$ pwd
/home/ssm-user
sh-4.2$ aws s3 ls
2023-03-07 08:28:46 reportubucket825
sh-4.2$ aws s3 ls s3://aws s3 ls s3://^C
sh-4.2$ aws s3 ls s3://reportubucket825

An error occurred (NoSuchBucket) when calling the ListObjectsV2 operation: The specified bucket does not exist
sh-4.2$ aws s3 ls s3://reportubucket825
2023-03-07 08:33:59      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-test1.txt s3://reportubucket825
upload failed: ./report-test1.txt to s3://reportubucket825/report-test1.txt An error occurred (AccessDenied) when calling the PutObject operation: Access Denied
sh-4.2$
```

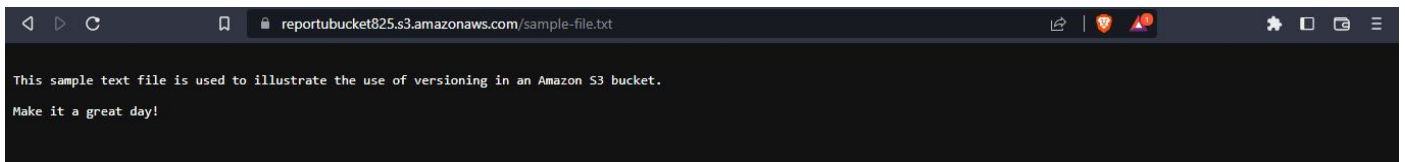
- Screenshot 1e: Access denied error when opening sample-file.txt



This XML file does not appear to have any style information associated with it. The document tree is shown below.

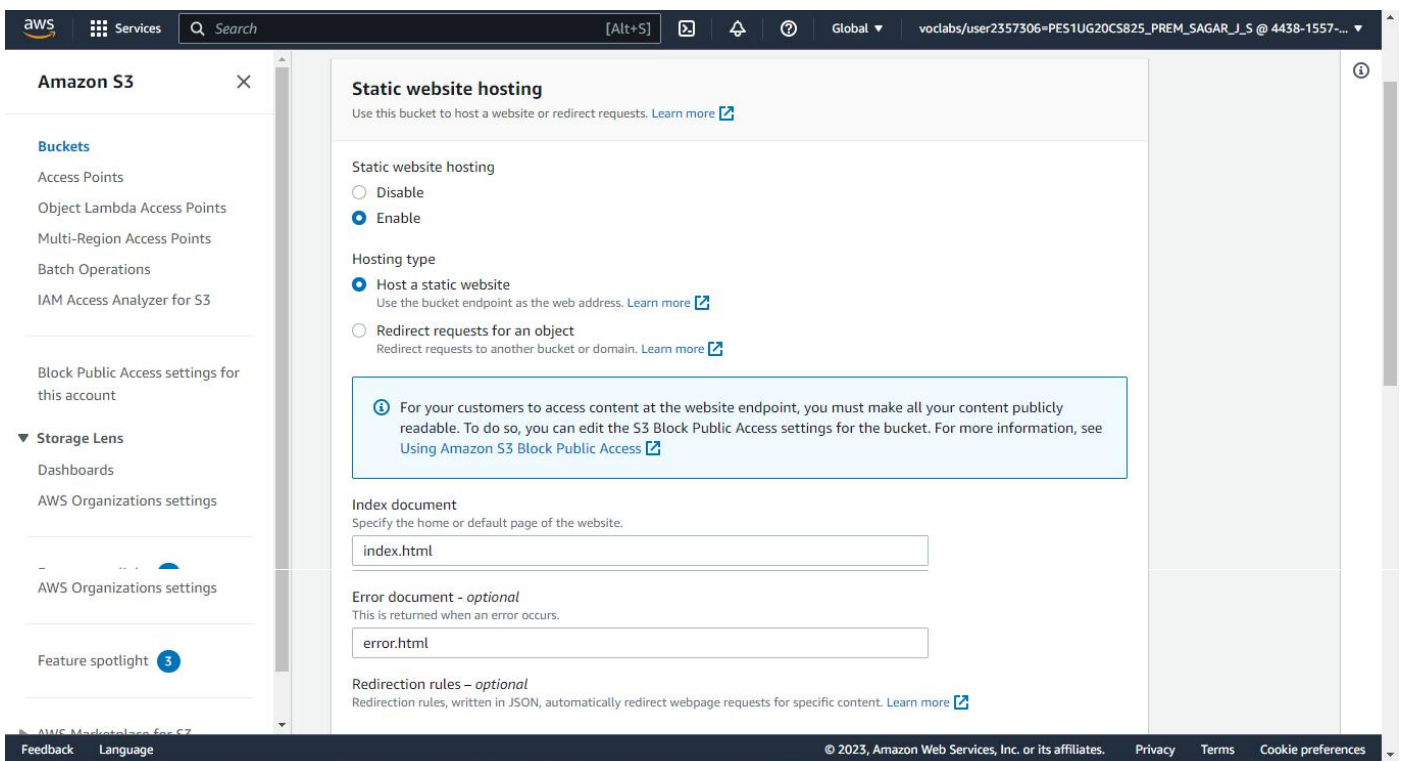
```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>917NCCF1KDE76H07</RequestId>
  <HostId>gJAGwbHRLIjofUud7Uvq2D7dyNXC7a/usRTynvE3P15rbYMK/ezPQ/18DoeA608uGhHmHezJjgM=</HostId>
</Error>
```

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

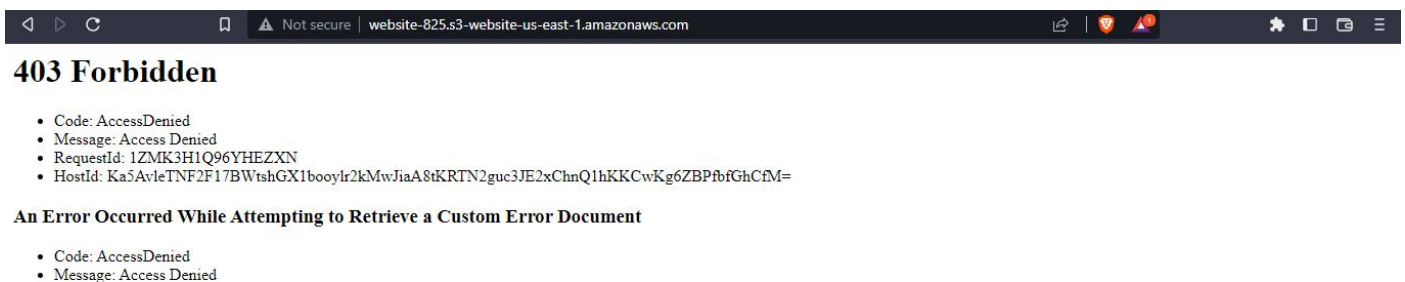


In Lab 7:

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



➤ Screenshot 2b: 403 Forbidden Error page



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

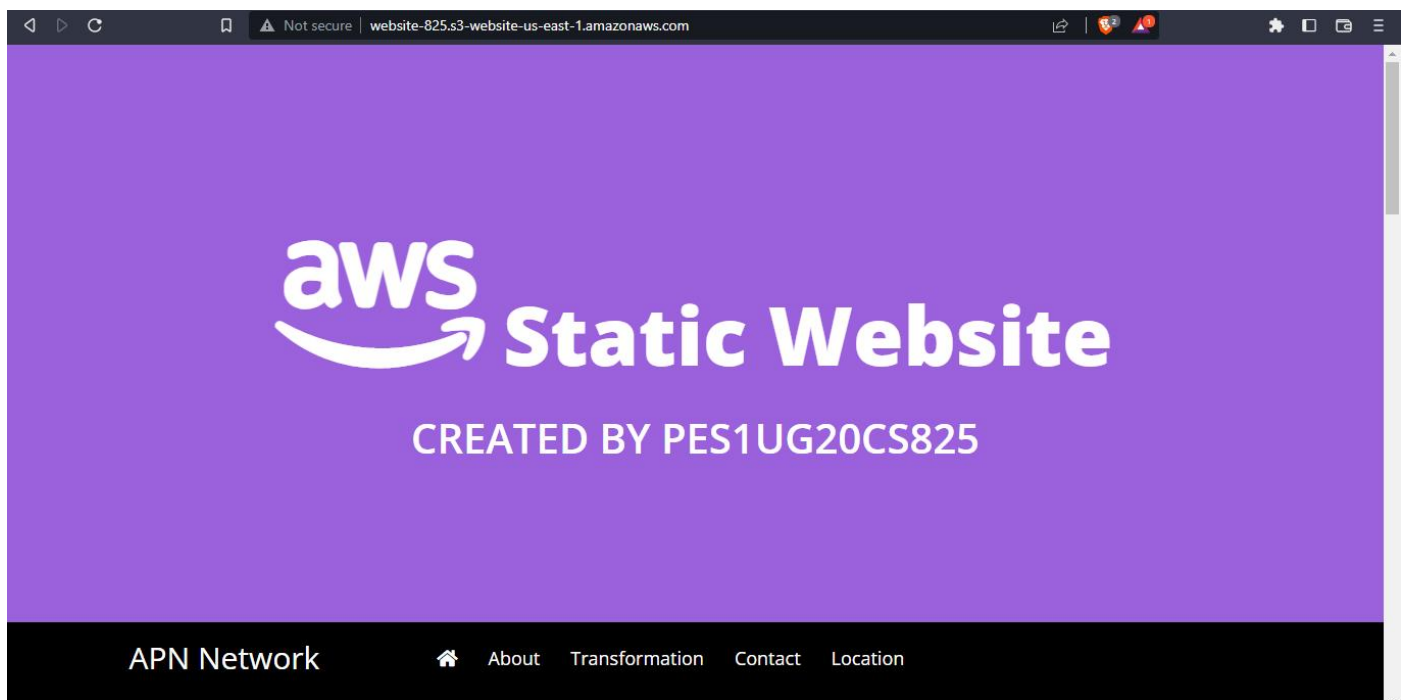
The screenshot shows the AWS Management Console interface. At the top, a green banner indicates "Upload succeeded" with a link to "View details below." Below this, a summary box shows the destination "s3://website-825", the success status "3 files, 14.8 KB (100.00%)", and the failed status "0 files, 0 B (0%)". The "Files and folders" tab is selected, showing a list of three files: index.html (9.8 KB), script.js (2.0 KB), and style.css (3.1 KB), all with a status of "Succeeded".

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

The screenshot shows a web browser displaying the AWS Static Website. The page has a purple background with the AWS logo and the text "Static Website" and "SERVED FROM AMAZON S3". The footer contains the text "APN Network" and a navigation menu with links: Home, About, Transformation, Contact, and Location.

➤ Screenshot 2e: Static website after modifying index.html file



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