

CLOUD COMPUTING

Assignment – 3

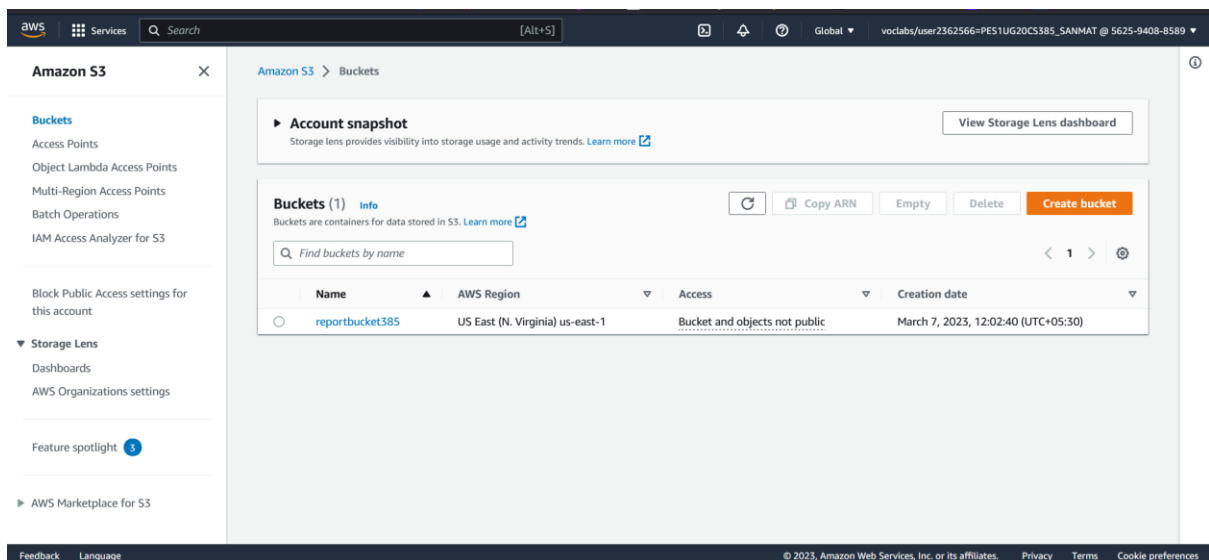
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Section : G

Lab 1 - Introduction to Amazon S3 :

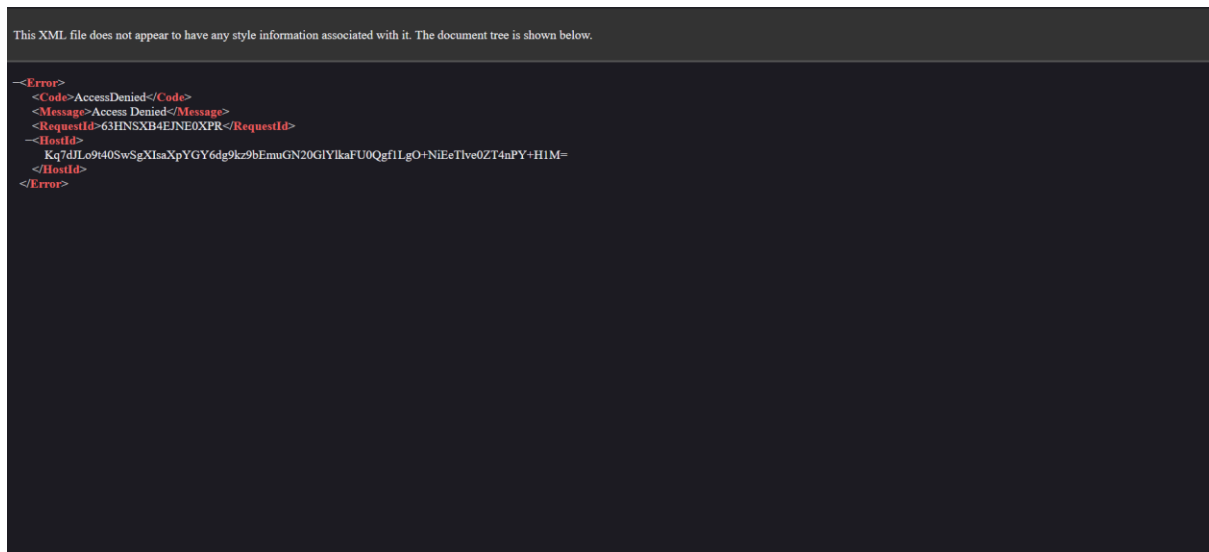
1a: Bucket Creation



The screenshot shows the Amazon S3 console interface. On the left is a navigation menu with options like Buckets, Access Points, and Storage Lens. The main content area is titled 'Amazon S3 > Buckets'. It features an 'Account snapshot' section with a 'View Storage Lens dashboard' button. Below this is a 'Buckets (1)' section with a search bar and a table of buckets. The table has columns for Name, AWS Region, Access, and Creation date. One bucket is listed: 'reportbucket385' in the 'US East (N. Virginia) us-east-1' region, with 'Bucket and objects not public' access and a creation date of 'March 7, 2023, 12:02:40 (UTC+05:30)'. There are also buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket'.

Name	AWS Region	Access	Creation date
reportbucket385	US East (N. Virginia) us-east-1	Bucket and objects not public	March 7, 2023, 12:02:40 (UTC+05:30)

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



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	
1	AmazonS3	HeadBucket	USW2-C3DataTransfer-Out-Bytes	lab-test-bucket-77	10/31/2020 0:00	12/31/2020 11:59	15309	
2	AmazonS3	PutObject	USW2-C3DataTransfer-In-Bytes	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	19032	
3	AmazonS3	HeadBucket	USW2-Requests-Tier2	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	128	
4	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98765	10/31/2020 0:00	12/31/2020 11:59	56888	
5	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	mybucket-98766	10/31/2020 0:00	12/31/2020 11:59	254587	
6	AmazonS3	GetObjectForReplication	USW2-C3DataTransfer-Out-Bytes	mybucket-98767	10/31/2020 0:00	12/31/2020 11:59	235	
7	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	mybucket-98768	10/31/2020 0:00	12/31/2020 11:59	25589	
8	AmazonS3	PutObject	USW2-Requests-Tier2	mybucket-98769	10/31/2020 0:00	12/31/2020 11:59	2348	
9	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98770	10/31/2020 0:00	12/31/2020 11:59	15309	
10	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	mybucket-98771	10/31/2020 0:00	12/31/2020 11:59	19032	
11	AmazonS3	GetObjectForReplication	USW2-C3DataTransfer-Out-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	128	
12	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	56888	
13	AmazonS3	PutObject	USW2-Requests-Tier2	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	254587	
14	AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	235	
15	AmazonS3	GetObjectForReplication	USW1-USW2-AWS-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	25589	
16								
17								
18								

1d: PutObject operation failed (Access Denied)

```
sh-4.2$ aws s3 cp report-test1.txt s3://reportbucket385
upload failed: ./report-test1.txt to s3://reportbucket385/report-test1.txt An error
occurred (AccessDenied) when calling the PutObject operation: Access Denied
sh-4.2$
```

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>0BXCCPGE08HB61CE</RequestId>
  <HostId>
    39BOYyTrSYbkruR5q0vZP2rIK388nfrIlgEzBdW7eojDmhgiFhDvB1fOgfCFix3R9CjC28pdMw=
  </HostId>
</Error>
```

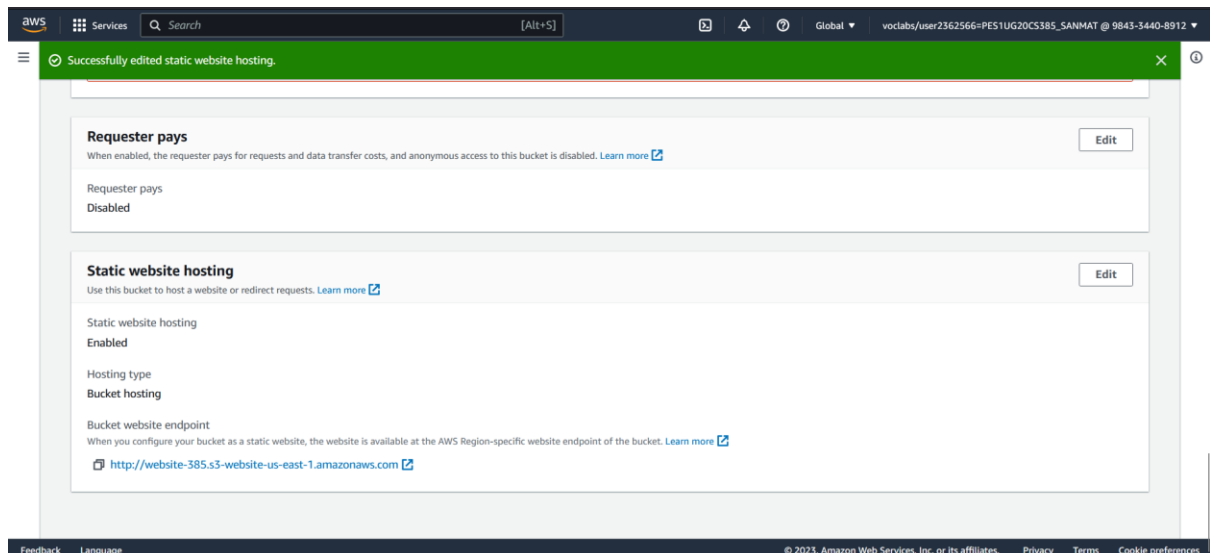
1f: Display sample-file.txt after updating policy

This sample text file is used to illustrate the use of versioning in an Amazon S3 bucket.

Make it a great day!

Lab 7 - Hosting a Static Website Using Amazon Simple Storage Service (Amazon S3) :

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



2b: 403 Forbidden Error page

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: 8VYR8EHXNZQ0SSG7
- HostId: Zq5R8AmgSAJ3ICFADhaU0pjL7X9rpyGyl/vtgrR2gkzjTXkE4uSkIbDwHWSIqdBFMqU0egiTo=

An Error Occurred While Attempting to Retrieve a Custom Error Document

- Code: AccessDenied
- Message: Access Denied

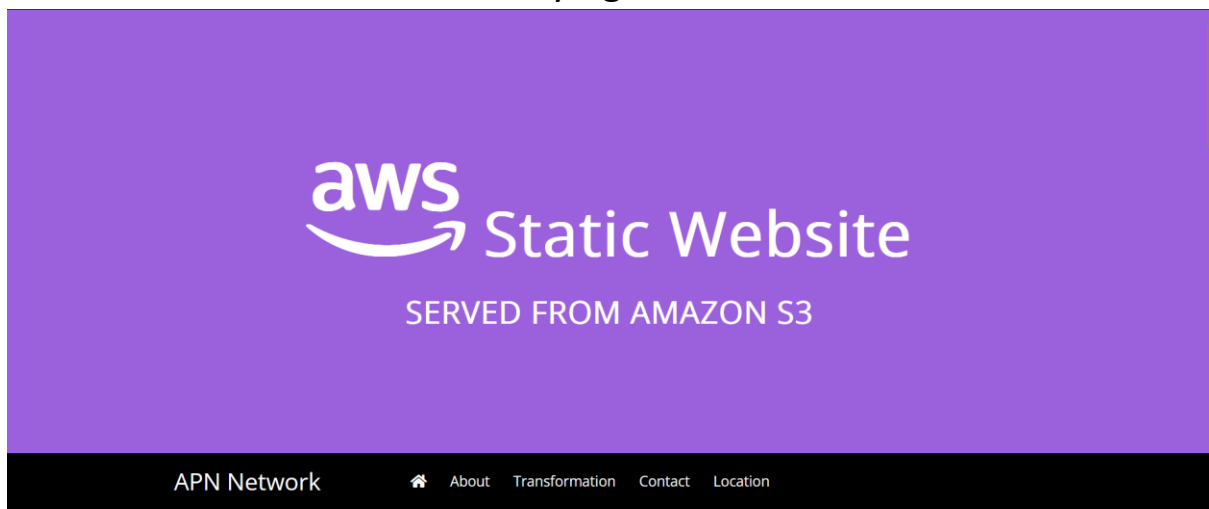
2c: Uploaded objects (index.html, script.js, style.css)

The screenshot shows the AWS Management Console interface for an S3 bucket named 'website-385'. A green banner at the top indicates 'Upload succeeded' with a link to 'View details below.'. Below this, a summary box shows the upload status: 'Succeeded' with 3 files (14.8 KB, 100.00%) and 'Failed' with 0 files (0 B, 0%).

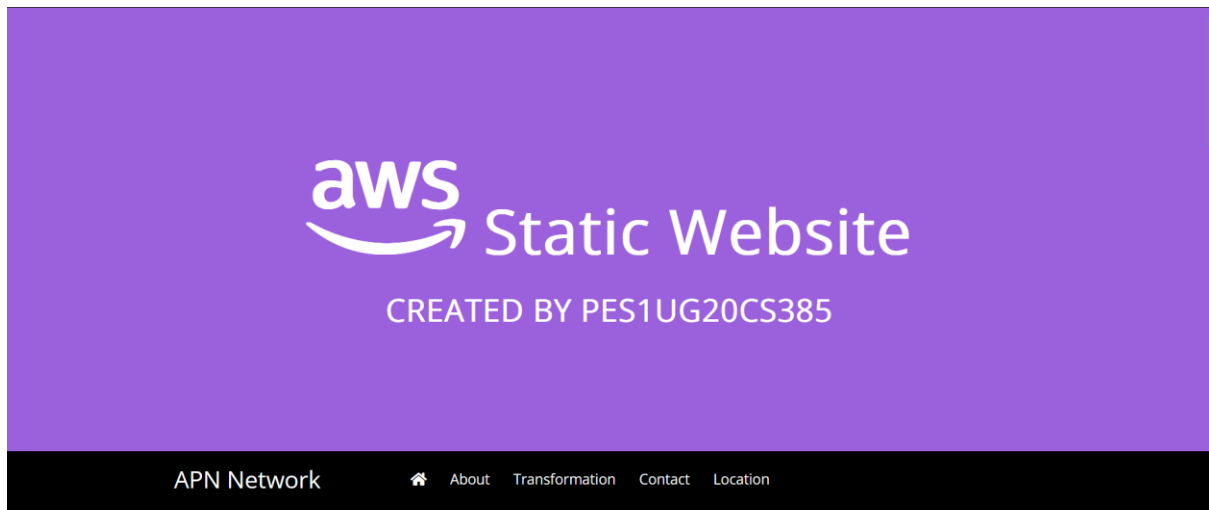
The 'Files and folders' tab is selected, showing a list of 3 files (Total, 14.8 KB). The list includes:

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	9.8 KB	Succeeded	-
script.js	-	application/javascript	2.0 KB	Succeeded	-
style.css	-	text/css	3.1 KB	Succeeded	-

2d: Static website before modifying index.html file



2e: Static website after modifying index.html file



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