



## Assignment 2: Guided & Challenge Lab

### Guided Lab 1:

#### Output of Task 1:

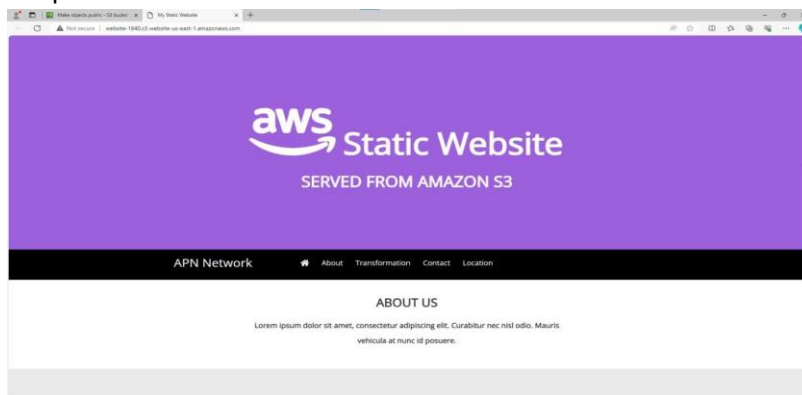
##### 403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: YY7SWKEHJV3FM4XF
- HostId: SqB7I9fWzH6CihNIdvuM+SxV3u6ddd5G1Lf4FZM82/g3X9v+EaaGZC8nlyBuYLmaDpXAPkrLTI=

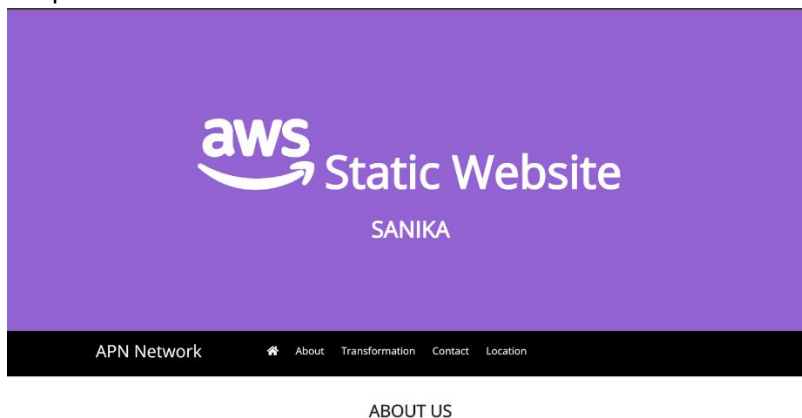
##### An Error Occurred While Attempting to Retrieve a Custom Error Document

- Code: AccessDenied
- Message: Access Denied

#### Output of Task 2:



#### Output of Task 3:



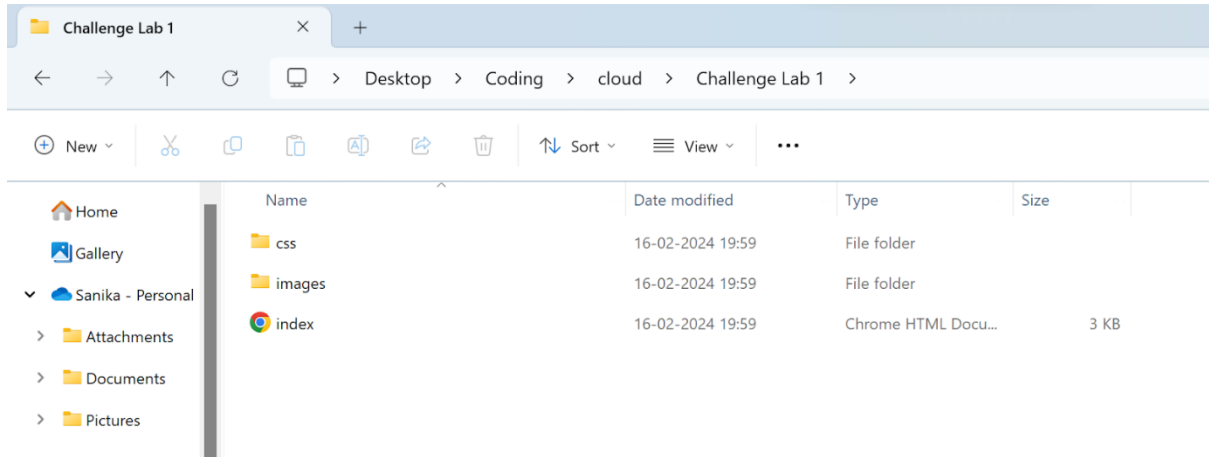


## Department of Computer Science and Engineering (Data Science)

### Challenge Lab:

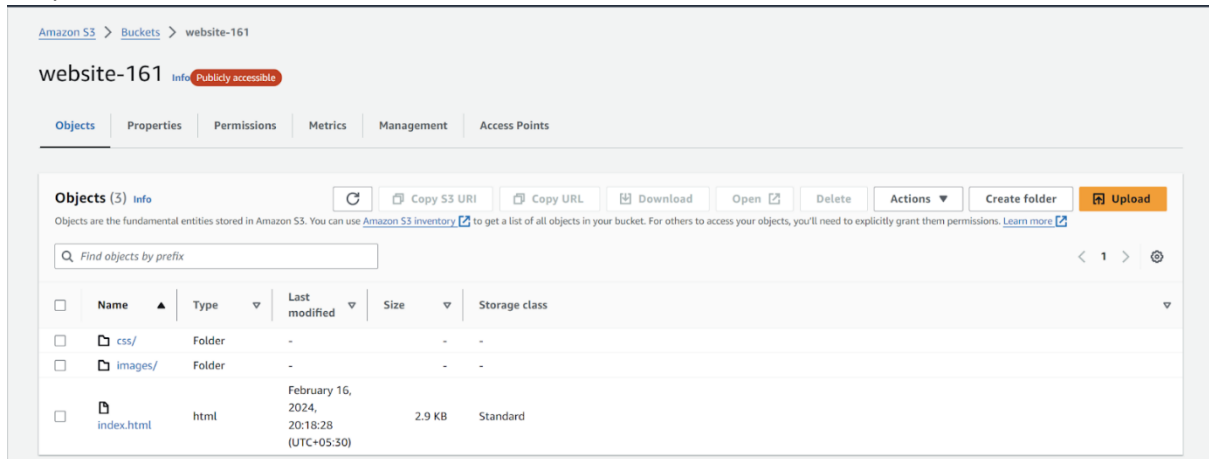
Task 1: Extracting the files that you need for this Lab.

Output of Task 1:



Task 2: Creating an S3 bucket to host your static website

Output of Task 2:



Task 3: Uploading Content to your S3 Bucket:

Output of Task 3:

### 403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: YY7SWKEHJV3FM4XF
- HostId: SqB7I9fWzH6CihNldvuM+SxV3u6ddd5G1Ll4FZM82/g3X0v+EaaGZC8nlyBuYLmaDpXAPkrLTI=

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

- Code: AccessDenied
- Message: Access Denied



## Department of Computer Science and Engineering (Data Science)

### Task 4: Creating a bucket policy to grant public read access

Output of Task 4:

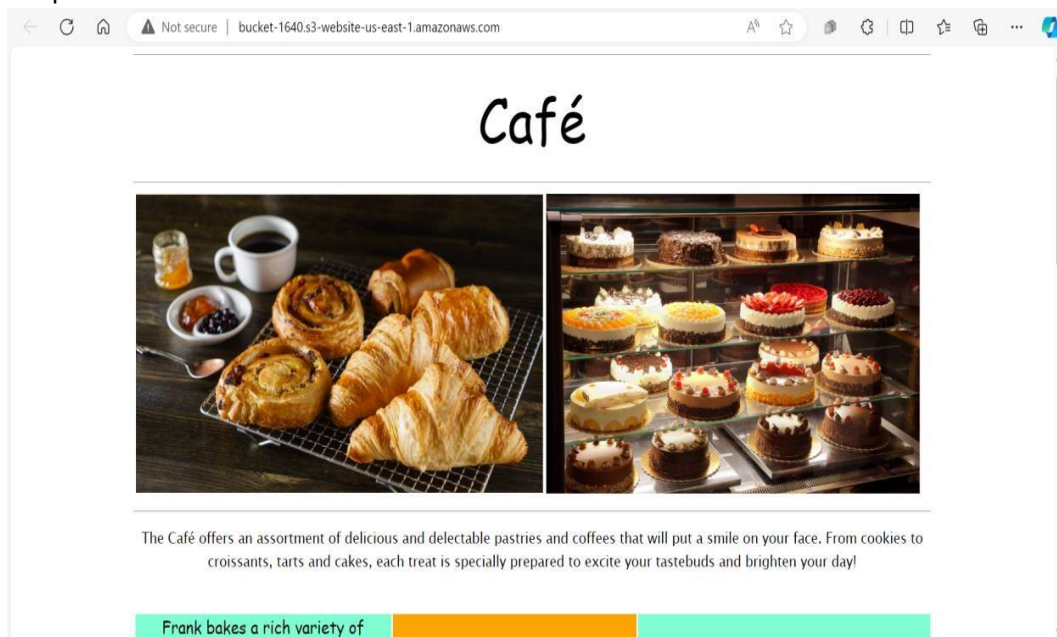
#### Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned b

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::website-161/*"
    }
  ]
}
```

### Task 5: Enabling Versioning on the S3 bucket:

Output of Task 5:





## Department of Computer Science and Engineering (Data Science)



The Café offers an assortment of delicious and delectable pastries and coffees that will put a smile on your face. From cookies to croissants, tarts and cakes, each treat is specially prepared to excite your tastebuds and brighten your day!

Frank bakes a rich variety of cookies. Try them all!





Tea  
Coffee  
Latte  
Hot  
Chocolate  
Yes, we have it!

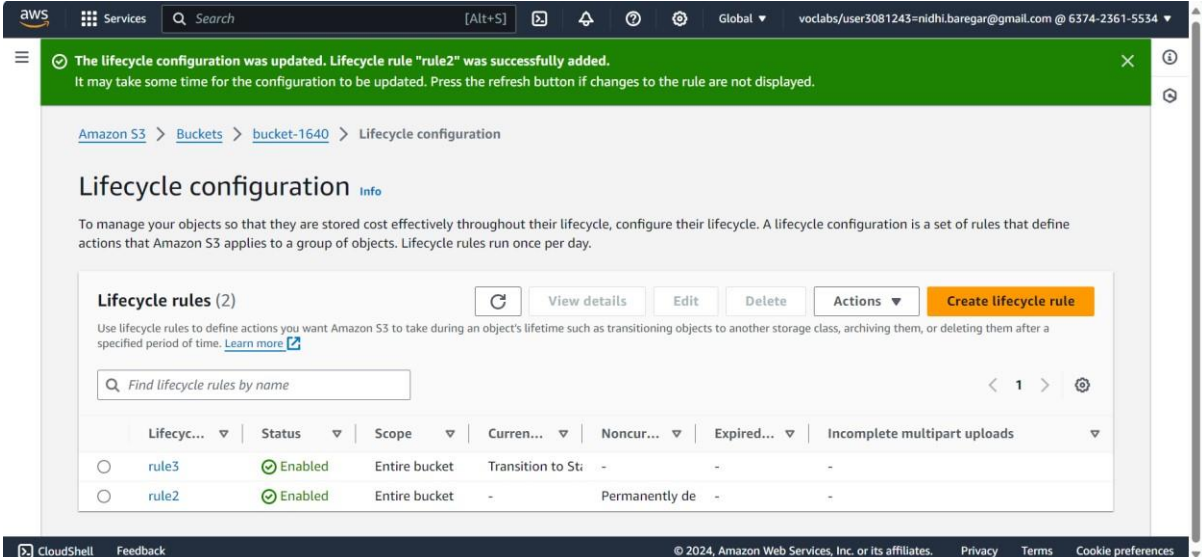
Our tarts are always a customer favorite!



About Us

### Task 6: Setting Life cycle Policy

#### Output of Task 6:



The lifecycle configuration was updated. Lifecycle rule "rule2" was successfully added. It may take some time for the configuration to be updated. Press the refresh button if changes to the rule are not displayed.

Amazon S3 > Buckets > bucket-1640 > Lifecycle configuration

### Lifecycle configuration [Info](#)

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

**Lifecycle rules (2)** [Refresh](#) [View details](#) [Edit](#) [Delete](#) [Actions](#) [Create lifecycle rule](#)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

	Lifecyc...	Status	Scope	Curren...	Noncur...	Expired...	Incomplete multipart uploads
<input type="radio"/>	rule3	Enabled	Entire bucket	Transition to St...	-	-	-
<input type="radio"/>	rule2	Enabled	Entire bucket	-	Permanently de	-	-

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)



## Department of Computer Science and Engineering (Data Science)

### Task 7: Enabling Cross Region replication

#### Output of Task 7:

The screenshot shows the AWS Management Console interface. At the top, a green banner displays the message: "Replication configuration successfully updated. If changes to the configuration aren't displayed, choose the refresh button. Changes apply only to new objects. To replicate existing objects with this configuration, choose Create replication job." Below this, the breadcrumb navigation is "Amazon S3 > Buckets > bucket-1640 > Replication rules". The main heading is "Replication rules" with an "Info" link. A descriptive paragraph explains that replication enables automatic and asynchronous copying of objects across buckets in the same or different AWS Regions. Below this is the "Replication configuration settings" section, which includes a "Create replication job" button and an "Edit" button. The settings are: Source bucket: bucket-1640, Source Region: US East (N. Virginia) us-east-1, and IAM role: CafeRole (with a link to view details). The footer shows "CloudShell", "Feedback", and copyright information for Amazon Web Services, Inc. or its affiliates.

The screenshot shows the AWS Management Console interface. At the top, a green banner displays the message: "Successfully created bucket 'newbucket-1640'. To upload files and folders, or to configure additional bucket settings, choose View details." Below this, the breadcrumb navigation is "Amazon S3 > Buckets". The main heading is "General purpose buckets (4)" with an "Info" link. A search bar is present with the placeholder "Find buckets by name". Below the search bar is a table of buckets. The table has columns: Name, AWS Region, Access, and Creation date. The first bucket is "c108696a255931915854225t1w637423615534-htmlbucket-m8zdtivtawh" in "US East (N. Virginia) us-east-1" region, with "Objects can be public" access and a creation date of "February 16, 2024, 19:13:07 (UTC+05:30)". The second bucket is "newbucket-1640" in "US East (Ohio) us-east-2" region, with "Objects can be public" access and a creation date of "February 16, 2024, 20:46:43 (UTC+05:30)". The footer shows "CloudShell", "Feedback", and copyright information for Amazon Web Services, Inc. or its affiliates.

Name	AWS Region	Access	Creation date
c108696a255931915854225t1w637423615534-htmlbucket-m8zdtivtawh	US East (N. Virginia) us-east-1	Objects can be public	February 16, 2024, 19:13:07 (UTC+05:30)
newbucket-1640	US East (Ohio) us-east-2	Objects can be public	February 16, 2024, 20:46:43 (UTC+05:30)





## Department of Computer Science and Engineering (Data Science)

### Challenge Lab Questions:

---

#### AWS Academy Cloud Architecting - Module 3 Challenge Lab Questions

View questions in: [English](#)

**Question 1:** When viewing the website after Task 3, do you see the page in the browser?

- ☐ Yes, everything looks great!
- ☒ No, the files are not publicly accessible.

Submit

**Question 2:** What is another way to ensure maximum protection and prevent the accidental deletion of a preserved version?

- ☐ Cross-Region replication
- ☒ Multi-factor authentication
- ☐ Cross-Origin Resource Sharing (CORS)
- ☐ Bucket policy

Submit

**Question 3:** Do you see the objects from your source bucket in the destination bucket?

- ☐ Yes
- ☒ No

Submit

**Question 4:** Was the version that you just deleted from your source bucket also deleted from your destination bucket?

- ☐ Yes
- ☒ No

Submit