

# CFA LAB

## Challenge (Cafe) lab: Creating a Static Website for the Cafe

1. At the top of these instructions, choose **Start Lab**.
  - a. The lab session starts.
  - b. A timer displays at the top of the page and shows the time remaining in the session.

**Tip:** To refresh the session length at any time, choose **Start Lab** again before the timer reaches 0:00.

- c. Before you continue, wait until the circle icon to the right of the [AWS](#) link in the upper-left corner turns green. When the lab environment is ready, the **AWS Details** panel displays.
2. To connect to the AWS Management Console, choose the [AWS](#) link in the upper-left corner above the terminal window.
  - a. A new browser tab opens and connects you to the console.

**Tip:** If a new browser tab does not open, a banner or icon is usually at the top of your browser with a message that your browser is preventing the site from opening pop-up windows. Choose the banner or icon, and then choose **Allow pop-ups**.

3. Arrange the AWS Management Console tab so that it displays alongside these instructions. Ideally, you have both browser tabs open at the same time so that you can follow the lab steps.

Nov 17 15:00

Challenge (Café) lab: Creating a Static Website for the Café

awsacademy.instructure.com/courses/131613/assignments/1511928?module\_item\_id=12598703

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# Challenge Lab: Creating a Static Website for the Café

## Scenario

Frank and Martha are a husband-and-wife team who own and operate a small café business that sells desserts and coffee. Their daughter, Sofia, and their other employee, Nikhil (who is a secondary school student), also work at the café. The café has a single location in a large city.

The café currently doesn't have a marketing strategy. It gains new customers mostly when someone walks by, notices the café, and decides to try it. The café has a reputation for high-quality desserts and coffees, but the café's reputation is limited to people who have visited or who have heard about it from other café

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The screenshot shows a web browser window for the AWS Academy challenge lab titled "Challenge (Café) lab: Creating a Static Website for the Café". The browser address bar shows the URL: [awsacademy.instructure.com/courses/131613/assignments/1511928?module\\_item\\_id=12598703](https://awsacademy.instructure.com/courses/131613/assignments/1511928?module_item_id=12598703). The page content includes a sidebar with various course navigation links like Home, Modules, Discussions, Grades, and Courses. The main content area displays the challenge scenario:

## Challenge (Café) lab: Creating a Static Website for the Café

Due No Due Date Points 29 Submitting an external tool

AWS 01:58 Start Lab End Lab AWS Details Details

EN\_US

# Challenge Lab: Creating a Static Website for the Café

## Scenario

Frank and Martha are a husband-and-wife team who own and operate a small café business that sells desserts and coffee. Their daughter, Sofia, and their other employee, Nikhil (who is a secondary school student), also work at the café. The café has a single location in a large city.

The café currently doesn't have a marketing strategy. It gains new customers mostly when someone walks by, notices the café, and decides to try it. The café has a reputation for high-quality desserts and coffees, but the café's reputation is limited to people who have visited or who have heard about it from other café

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

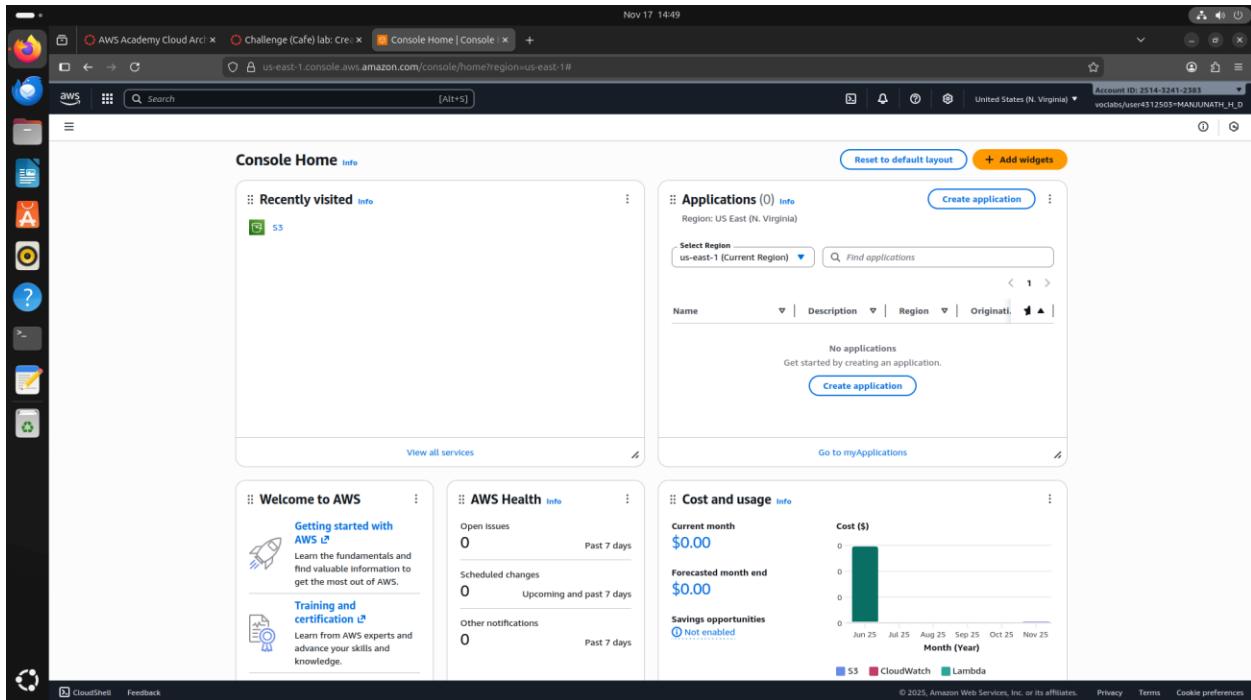
In this task, you create an S3 bucket and configure it to host your static website.

6. Open the Amazon S3 console.
7. Create a bucket in the **US East (N. Virginia) us-east-1** AWS Region to host your static website.

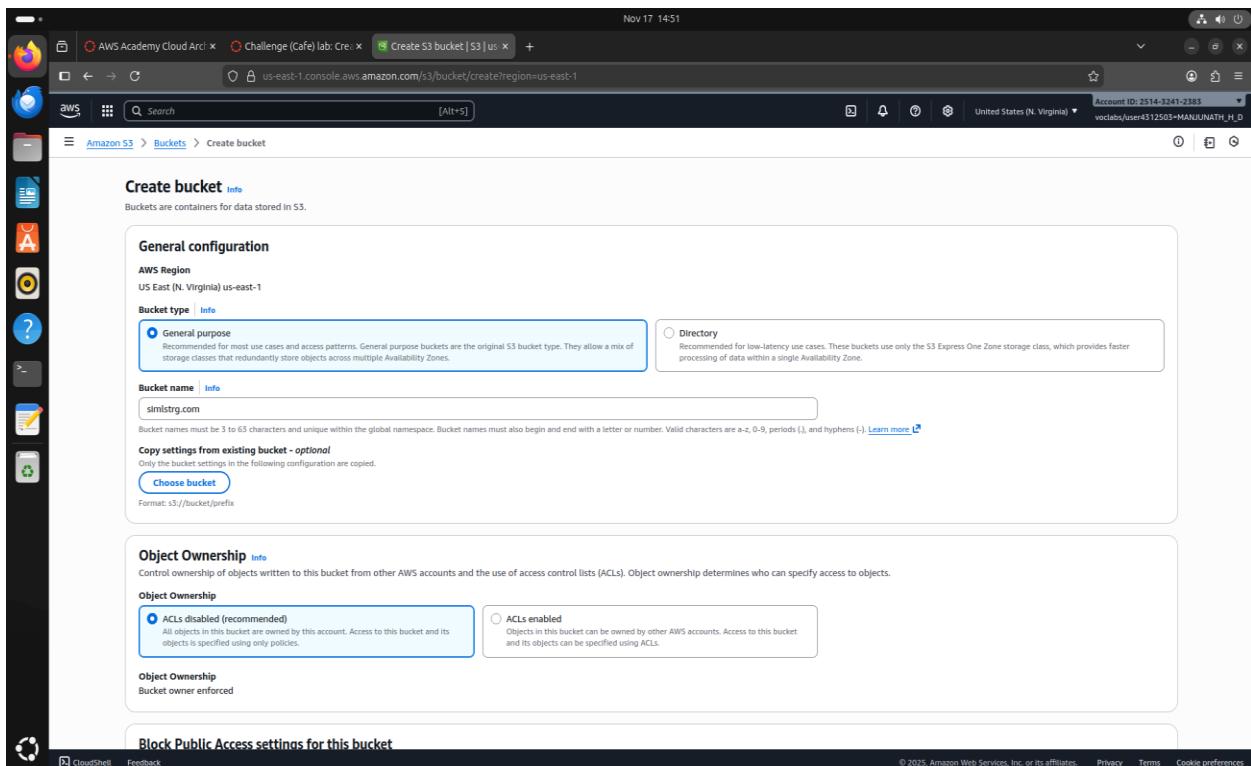
**Tip:** You must clear **Block all public access** and enable **ACLs**.

8. Enable static website hosting on your bucket.

**Tip:** You use the index.html file for your index document.



STEP 3 : Select the S3 bucket in the AWS Management Console.



STEP 4 : I created an S3 bucket called *simlstrg*, and its ACL is not enabled yet.

The screenshot shows the AWS S3 'Create S3 bucket' page. In the 'Block all public access' section, there is a warning message: 'Turning off block all public access might result in this bucket and the objects within becoming public'. Below this, a checkbox is checked with the label 'I acknowledge that the current settings might result in this bucket and the objects within becoming public.' Other sections visible include 'Bucket Versioning' (disabled) and 'Tags - optional' (no tags added).

Step 5: Uncheck Block all public access and check the box for 'I acknowledge that I want to block all public access.'

The screenshot shows the AWS S3 'Buckets' page. A green success message at the top states 'Successfully created bucket "simlstrg.com"'. The 'General purpose buckets' section lists two buckets: 'c174142a45083661120840711w2514324123' and 'simlstrg.com'. An 'Account snapshot' sidebar provides storage usage information, and an 'External access summary' sidebar shows external access findings.

> Now the S3 bucket with the name simlstrg has sucessfully created.

The screenshot shows the AWS CloudShell interface with a browser window open to the AWS S3 console. The user is uploading files to the 'simlstrg.com' bucket. The upload interface displays 10 files and folders (total 21.7 MB) ready to be uploaded. The files include CSS and image assets for a website. Below the file list, there are sections for 'Destination info' (set to 's3://simlstrg.com') and 'Permissions' (set to 'Grant public access and access to other AWS accounts').

Nov 17 14:53

AWS Academy Cloud Arc: Challenge (Cafe) lab: Create Upload objects - S3 buck: +

aws Search [Alt+S]

Nov 17 14:53

Challenge (Cafe) lab: Create Upload objects - S3 buck: +

aws Search [Alt+S]

us-east-1.console.aws.amazon.com/s3/upload/simlstrg.com?region=us-east-1

Account ID: 2514-3241-2383  
United States (N. Virginia)  
voclabs/user4312503-MANUJUNATH\_H\_D

Amazon S3 > Buckets > simlstrg.com > Upload

Drag and drop files and folders you want to upload here, or choose Add files or Add folder.

Files and folders (10 total, 21.7 MB)

All files and folders in this table will be uploaded.

	Name	Folder	Type	Size
<input type="checkbox"/>	styles.css	css/	text/css	541.0 B
<input type="checkbox"/>	Mom-&-Pop-Coffee-Shop.png	Images/	image/png	726.8 KB
<input type="checkbox"/>	Mom-&-Pop.png	Images/	image/png	2.7 MB
<input type="checkbox"/>	Cake-Vitrine.png	Images/	image/png	3.8 MB
<input type="checkbox"/>	Cup-of-Hot-Chocolate.png	Images/	image/png	3.6 MB
<input type="checkbox"/>	Cookies.png	Images/	image/png	1.4 MB
<input type="checkbox"/>	Strawberry-Tarts.png	Images/	image/png	3.4 MB
<input type="checkbox"/>	Coffee-and-Pastries.png	Images/	image/png	3.1 MB
<input type="checkbox"/>	Strawberry-&-Blueberry-Tarts.png	Images/	image/png	2.9 MB
<input type="checkbox"/>	index.html	-	text/html	2.9 KB

Remove Add files Add folder

Find by name

Destination info

Destination [s3://simlstrg.com](#)

Destination details

Bucket settings that impact new objects stored in the specified destination.

Permissions

Grant public access and access to other AWS accounts.

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STEP 6 : Upload the index.html file and the folders css and images.

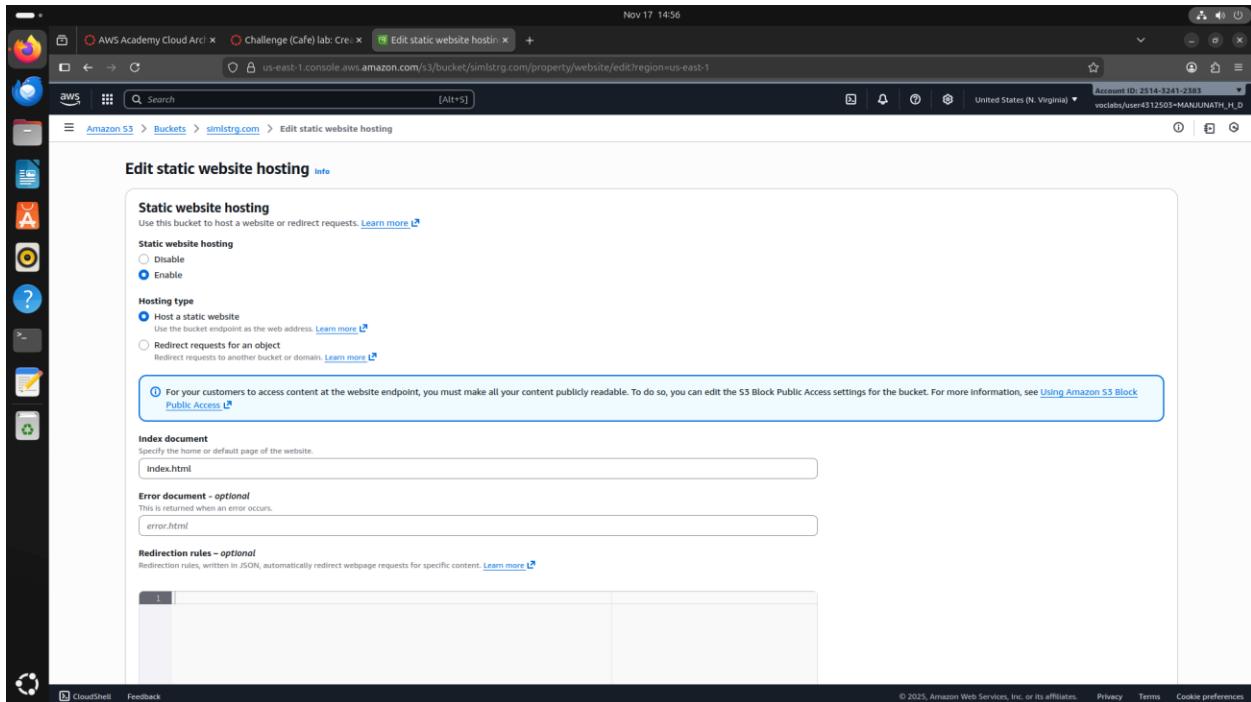
The screenshot shows the AWS S3 console interface. At the top, there's a green success message: "Upload succeeded" with a link to "Files and folders table". Below this, the "Summary" section shows "Succeeded" (10 files, 21.7 MB) and "Failed" (0 files, 0 B). The "Files and folders" tab is selected, displaying a table of uploaded files. The table includes columns for Name, Folder, Type, Size, Status, and Error. All files listed are marked as "Succeeded".

Name	Folder	Type	Size	Status	Error
styles.css	css/	text/css	541.0 B	Succeeded	-
Morn-&-Pop-Coffee-Shop.png	Images/	image/png	726.8 KB	Succeeded	-
Morn-&-Pop.png	Images/	image/png	2.7 MB	Succeeded	-
Cake-Vitrine.png	Images/	image/png	3.0 MB	Succeeded	-
Cup-of-Hot-Chocolate.png	Images/	image/png	3.6 MB	Succeeded	-
Cookies.png	Images/	image/png	1.4 MB	Succeeded	-
Strawberry-Tarts.png	Images/	image/png	3.4 MB	Succeeded	-
Coffee-and-Pastries.png	Images/	image/png	3.1 MB	Succeeded	-
Strawberry-&-Blueberry-Tarts.png	Images/	image/png	2.9 MB	Succeeded	-
index.html	-	text/html	2.9 KB	Succeeded	-

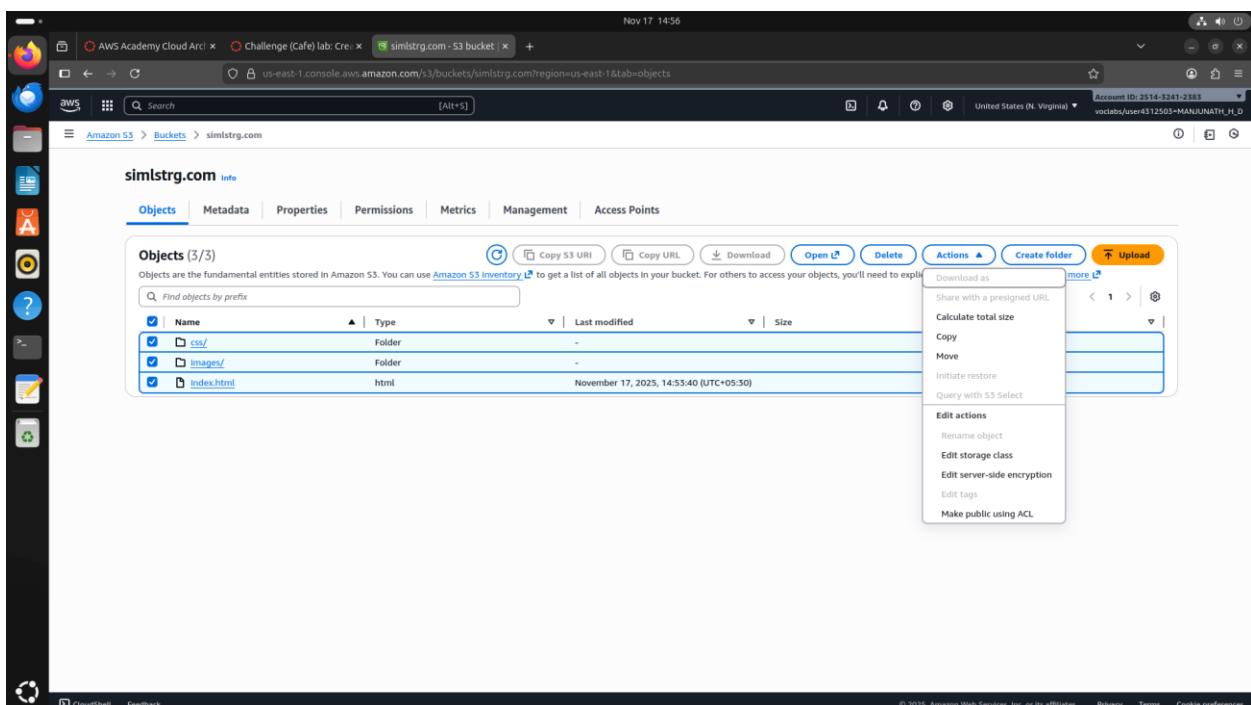
> Uploaded sucessfully

The screenshot shows the "Edit Object Ownership" page in the AWS S3 console. The "Object Ownership" section has two options: "ACLs disabled (recommended)" and "ACLs enabled". The "ACLs enabled" option is selected, indicated by a blue border around its radio button. A note states: "Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs." Below this, a warning message says: "We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing." Another note below says: "Enabling ACLs turns off the bucket owner enforced setting for Object Ownership. Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket policy." A checkbox is checked with the label "I acknowledge that ACLs will be restored." The "Object Ownership" section also includes "Bucket owner preferred" and "Object writer" options. A note at the bottom says: "If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)". At the bottom right are "Cancel" and "Save changes" buttons.

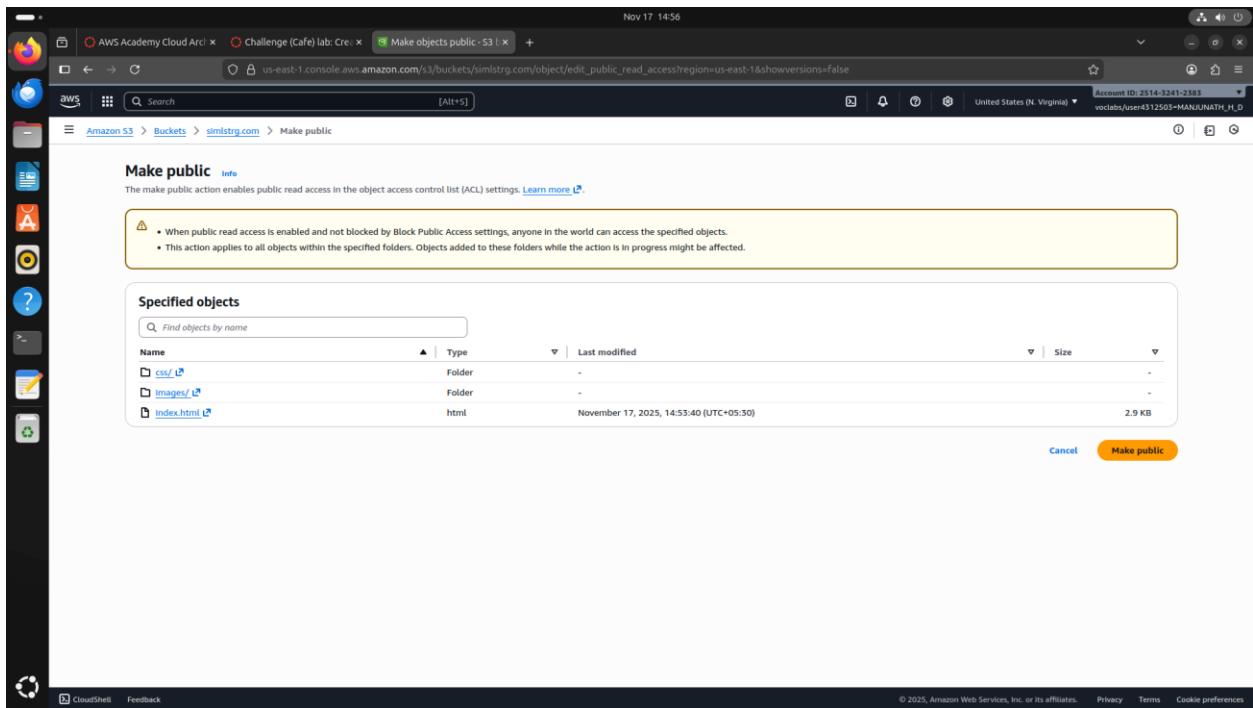
STEP 7 : Go to permissions and enable the ACL and give check mark to the i acknowledge to enable ACL.



STEP 8: Go to properties and enable static website hosting and give the name index.html in the place of index document.



STEP 9 : Go to objects and check all the boxes which contains the uploaded files.



>and go to actions->make public using ACL and then press make public.

The screenshot shows a browser window with the AWS S3 console open. The URL in the address bar is `us-east-1.console.aws.amazon.com/s3/buckets/simlstrg.com/object/edit_public_read_access?region=us-east-1&showversions=false`. The page title is "Make objects public - S3 | AWS". A green success message at the top left says "Successfully edited public access". Below it, a status summary table shows:

Source	Successfully edited public access	Failed to edit public access
<code>s3://simlstrg.com</code>	10 objects, 21.7 MB	0 objects

Below the summary, there are two tabs: "Failed to edit public access" (selected) and "Configuration". Under "Failed to edit public access", there is a table header with columns: Name, Folder, Type, Last modified, Size, and Error. The table body below the header is empty, displaying the message "No objects failed to edit".

> Now the static website is ready for the public access.

Screenshot of the AWS Cloud Console showing the properties of an S3 bucket named "simlstrg.com". The "Static website hosting" section is highlighted, showing that it is enabled and configured for "Bucket hosting". A note recommends using AWS Amplify Hosting for static website hosting.

**Static website hosting**

We recommend using AWS Amplify Hosting for static website hosting

[Create Amplify app](#)

**Bucket website endpoint**

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://simlstrg.com.s3-website-us-east-1.amazonaws.com>

Screenshot of a web browser displaying the static website for "Mom & Pop Café". The page features a header with the cafe's name, two images of pastries and cakes, and a descriptive paragraph about the assortment of treats. Below this are three callout boxes: one for cookies, one for coffee, and one for tarts. At the bottom, there is an "About Us" section.

**Mom & Pop Café**

Mom & Pop 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 especially prepared to excite your tastebuds and brighten your day!

Pop 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**

> Now go the properties and scroll down, there you get an link-> then the cafe-static-website will open on a new window.