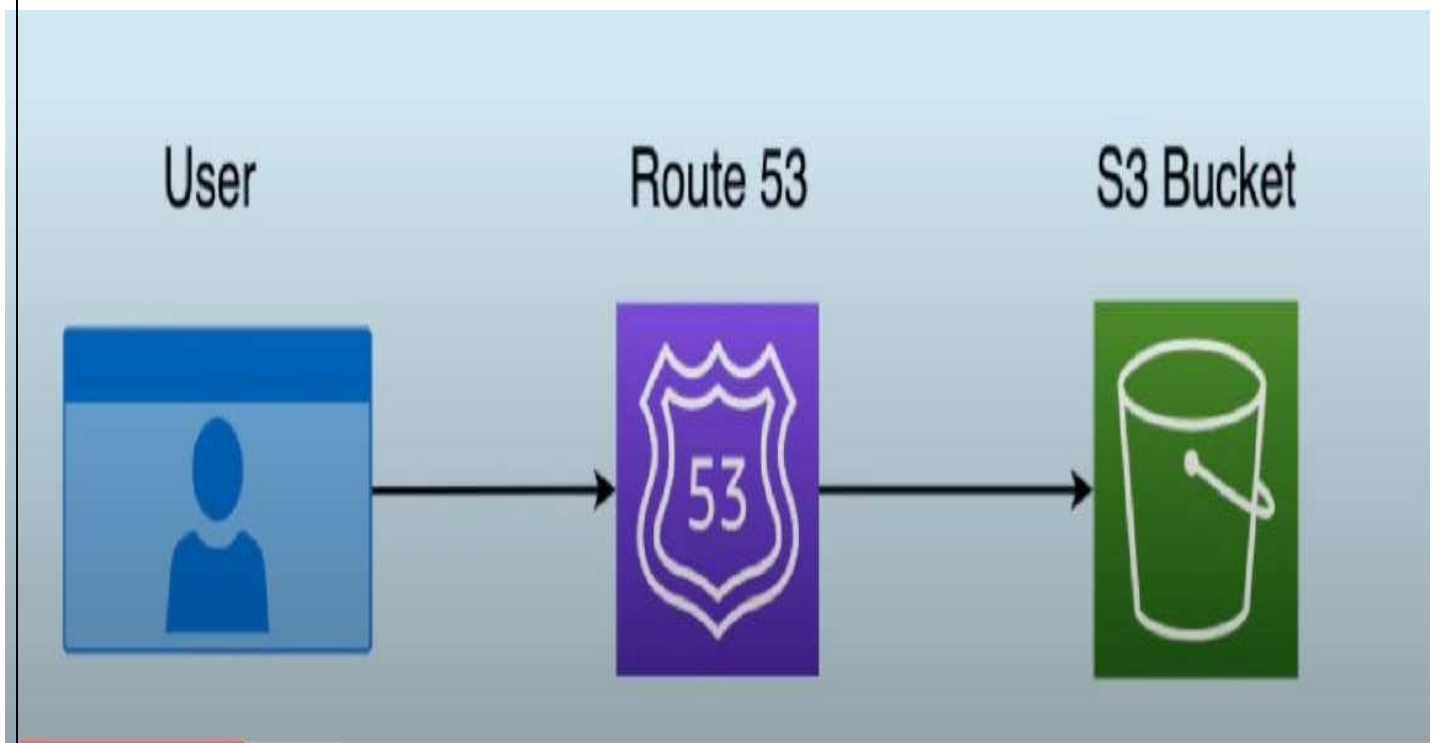


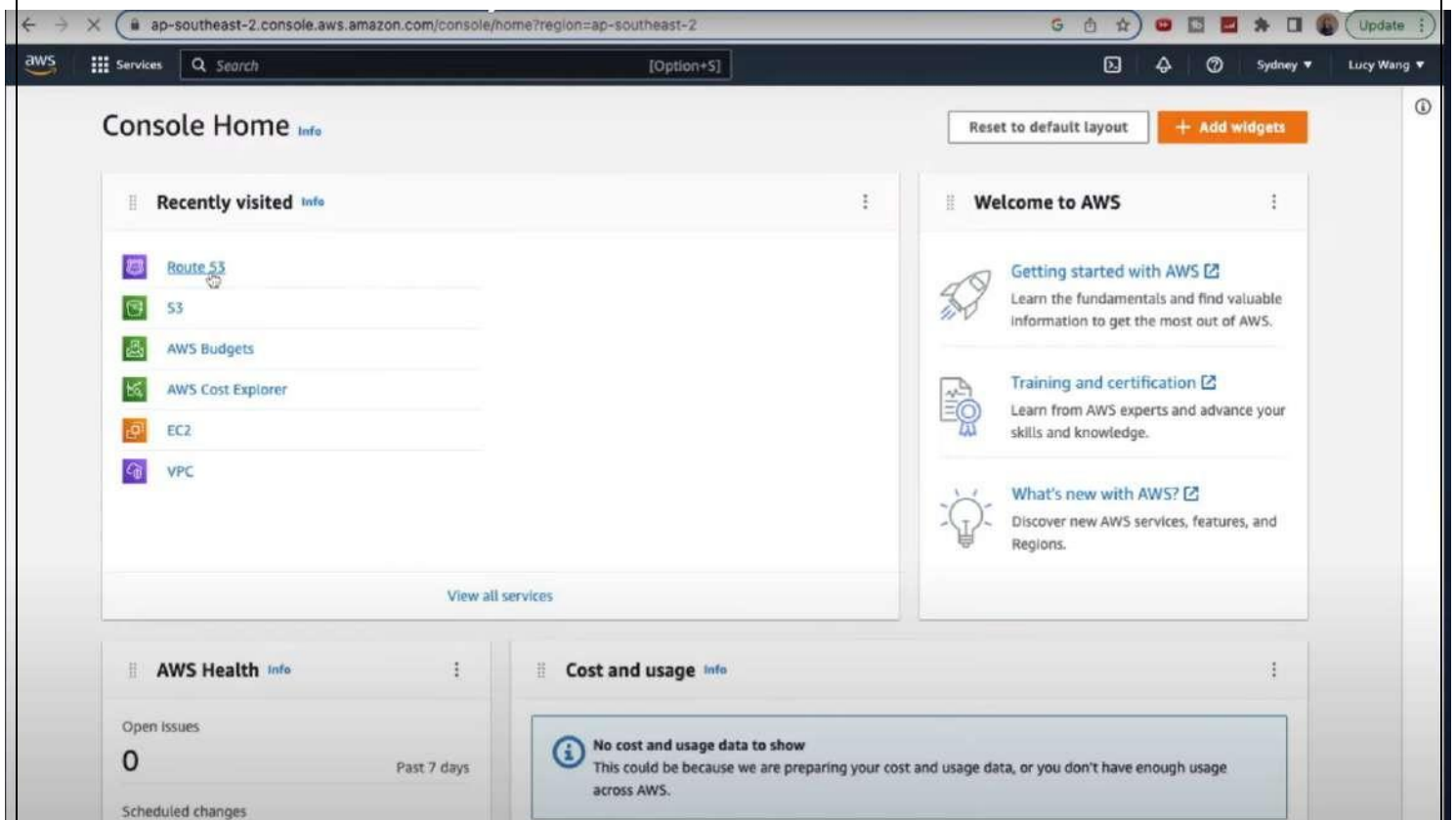
Deploy a Static Website on AWS

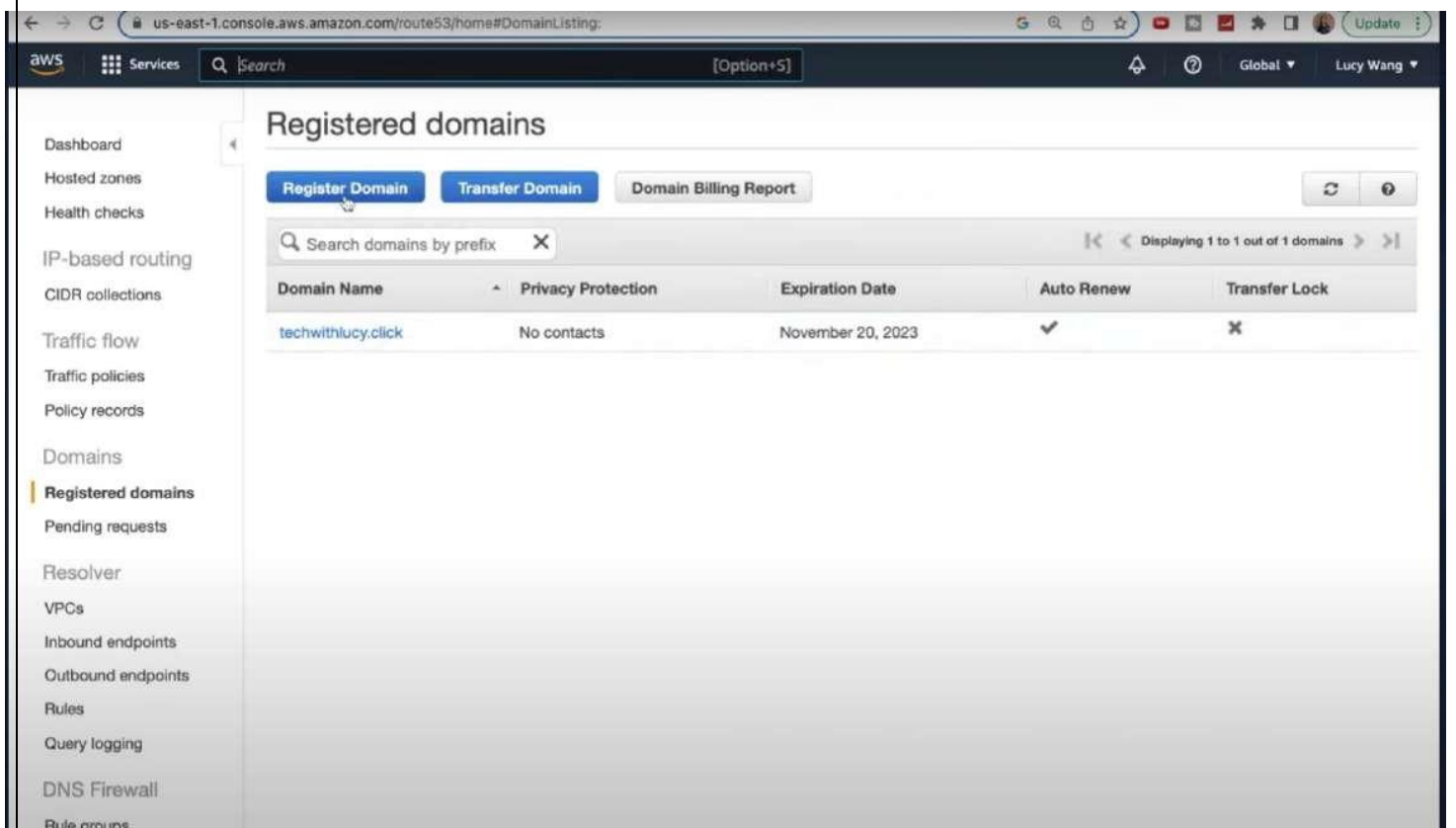
Steps of the project

1. Create a S3 bucket where need to uncheck “Block all public access”. ![Create S3 bucket]
2. Upload the files and folders from your local computer to the S3 bucket. ![Upload to S3 bucket]
3. Change the Bucket Policy according to your Bucket Policy file. ![Bucket policy]
4. Make the bucket to host a website using bucket properties tab. ![Bucket properties]
5. Use CloudFront dashboard create distribution and S3 bucket name use under “Origin Domain Name”. ![CloudFront]
6. Open a web browser like Google Chrome and paste the copied endpoint URL and append “/index.html” on the end. ![Website Demo]

Algorithm







Construct an algorithm so that, when the algorithm finishes, the assignable variable `count` will contain the *number of values* in the array `A` that are at least as big as `x`.

input: `A`, an array of numbers

input: `x`, a number

for `i` **from** 1 **to** length of `A`:

set `count` **to** 0

set `count` **to** `A[i]`

set `count` **to** `A[i] + count`

set `count` **to** `i`

set `count` **to** `count + 1`

if `A[i] ≥ x`:

if `A[i] ≥ count`:

← → ↻

s3.console.aws.amazon.com/s3/buckets/techwithlucy.click?region=ap-southeast-2

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Amazon S3

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Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

✔ Successfully created bucket "techwithlucy.click"

To upload files and folders, or to configure additional bucket settings choose [View details](#).

View details

✕

📘 Easily transfer data between AWS Storage services with AWS DataSync.

Get started

✕

Amazon S3 > Buckets

▶ Account snapshot

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

View Storage Lens dashboard

Buckets (1) [Info](#)

🔄

📄 Copy ARN

Empty

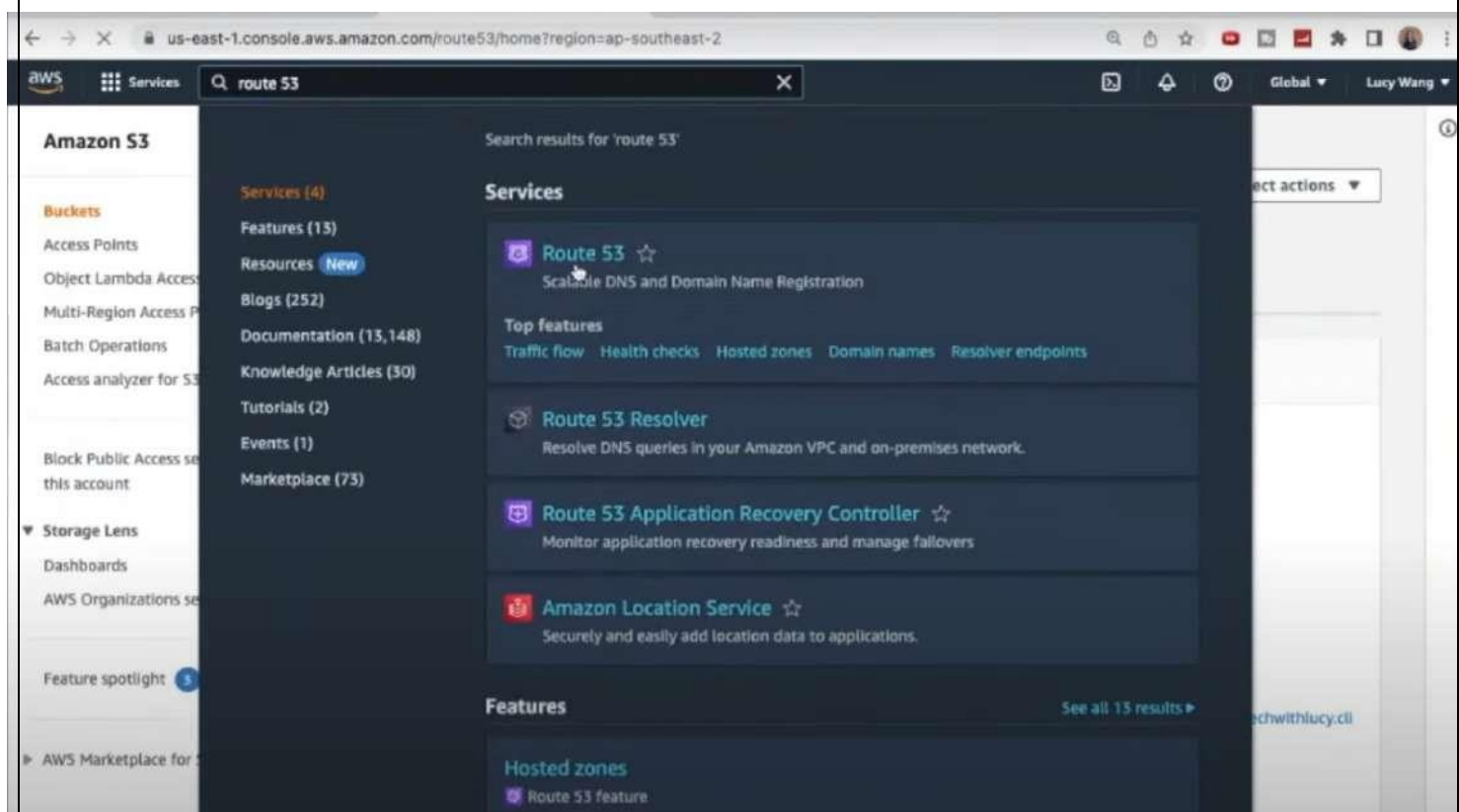
Delete

Create bucket

🔍 Find buckets by name

< 1 > ⚙

	Name	AWS Region	Access	Creation date
○	techwithlucy.click	Asia Pacific (Sydney) ap-southeast-2	Objects can be public	December 7, 2022, 14:35:46 (UTC+11:00)



In Summary:

1. Create custom domain name using Amazon Route 53.
2. Use an Amazon S3 bucket to host a sample website.
3. Enable static website hosting and direct the domain to the S3 bucket.

Project Overview

The cloud is perfect for hosting static websites that only include HTML, CSS, and JavaScript files that require no server-side processing. In this project, deployed a static website to AWS. Firstly, created an S3 bucket, configured the bucket for website hosting, and secured it using IAM policies. Next, uploaded the website files to your bucket and speed up content delivery using AWS's content distribution network service, CloudFront. Lastly, accessed the website in a browser using the unique S3 endpoint.

-SHAIK NOORUDDIN