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Introduction

Set up CloudFront to deliver an S3-hosted static website with a custom domain and HTTPS

2

Lab Implementation

Step-1

Static Website Hosted On S3

We already have a website hosted on Amazon S3

Step-2

Custom Domain Name

1

Purchase a domain name

2

You can use AWS Route 53, GoDaddy, Namecheap, or any other domain registrar

3

For this lab, we are using Route 53.

Step-3

SSL/TLS Certificate

1

Obtain an SSL/TLS certificate for your custom domain.

2

You can use AWS Certificate Manager, Let's Encrypt, or any other certificate provider.

3

For this lab, we are using AWS Certificate Manager.

Step-4

CloudFront Distribution

Access to AWS CloudFront to create and configure a distribution

3

Lab Testing

1

In this lab, we aim to ensure that our website is accessible via our custom domain name, which is a positive outcome.

2

However, we also observe that the website can still be accessed using the S3 URL, which poses a potential issue.

3

We will address and resolve this problem in the next lab session.