Diagram

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**Overview**

Users can securely access my website [**www.myprojectssatya.click**](http://www.myprojectssatya.click)to see a simple react application in action. They do so by going through any browser, which goes to Route53 which directs them to an edge location where a SSL/TLS certificate is attached and the origin is the s3 bucket.

**Setup**

Create two S3 buckets([www.myprojectssatya.click](http://www.myprojectssatya.click), myprojectssatya.click). The reason we create another bucket is to direct all users pointing to the main bucket that starts with www.

1)Click create bucket and store all the relevant files in the bucket

Graphical user interface, table

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2)Turn off **block public access settings** and add **custom policy**.

Graphical user interface, application, Teams

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3)Turn on **static website hosting** and click save.

Graphical user interface, text, application

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4)Create second bucket myprojectssatya.click and enable static website hosting and click the option that says **redirect requests for an object, policy is http.**Graphical user interface, text, application

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**Create an SSL/TLS certificate in Certificate Manager**

1)Click request a certificate

**Graphical user interface, text

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2)Select a public certificate and enter the domain names of the website.

**Graphical user interface, text, application

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3) Choose default settings and click **request** .

**Graphical user interface, text, application

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4) Wait for the certificate to be validated, in the meantime click **create records in route 53** to map the domain names and the records directly in route 53.

**Graphical user interface, application

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5) Confirm the values and hit **Create Records.**

**A screenshot of a computer

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**Use Cloudfront to cache your bucket in edge locations for low latency access.**

**Do this for both the domain names.**

1)Click **Create a Cloudfront distribution**

**Graphical user interface, website

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2) Give the required arn in the **origin domain section**

**Graphical user interface, application

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3) Select **redirect http to https**

**Graphical user interface, text, application

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4) In the **alternate domain name** pass the domain name

5) Select **custom ssl certificate** option and choose appropriate option.

**Graphical user interface, application

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6) Click **create distribution**.

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**Go to route 53 and create two alias to point to cloudfront distribution location.**

**1)**Select **create record** to point to cloudfront distribution of respective domain names.

**Graphical user interface, text, application, email

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2) **Create record** to route traffic to cloudfront distribution and click **save**.

**Graphical user interface, text, application, email

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**Graphical user interface, text, application

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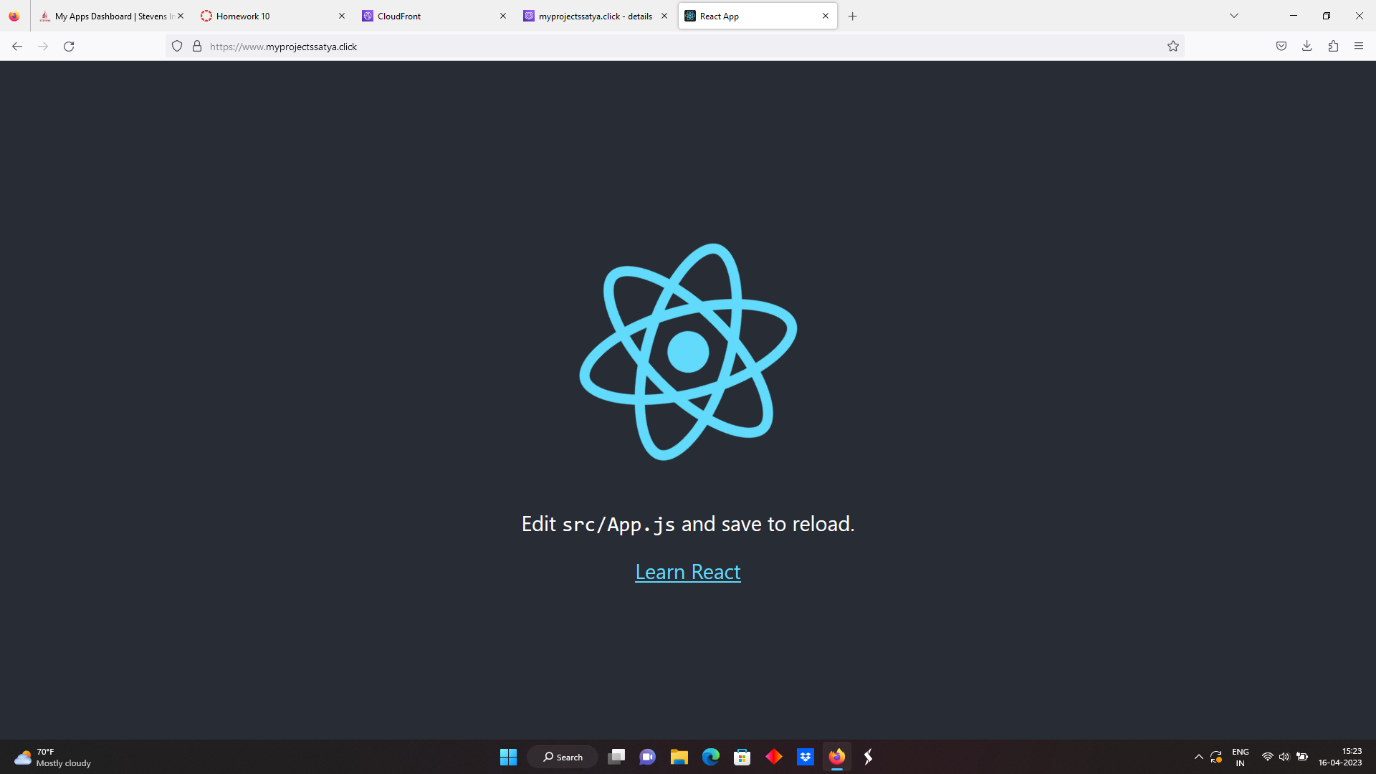
3) Go to s3 **bucket(myprojectssatya.click),** edit **static website hosting**, change the **protocol to https.**

**Graphical user interface, application

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4) Click [**www.myprojectssatya.click**](http://www.myprojectssatya.click) **and myprojectssatya.click** to check if you have secure connection.

**This is the final result.**

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