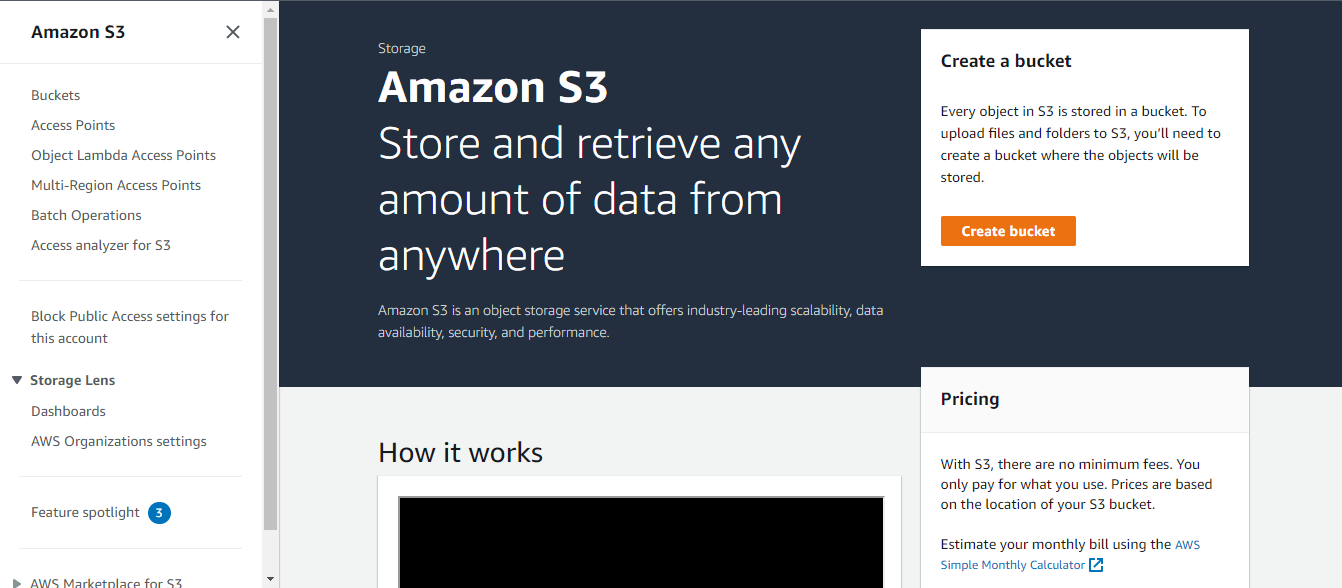
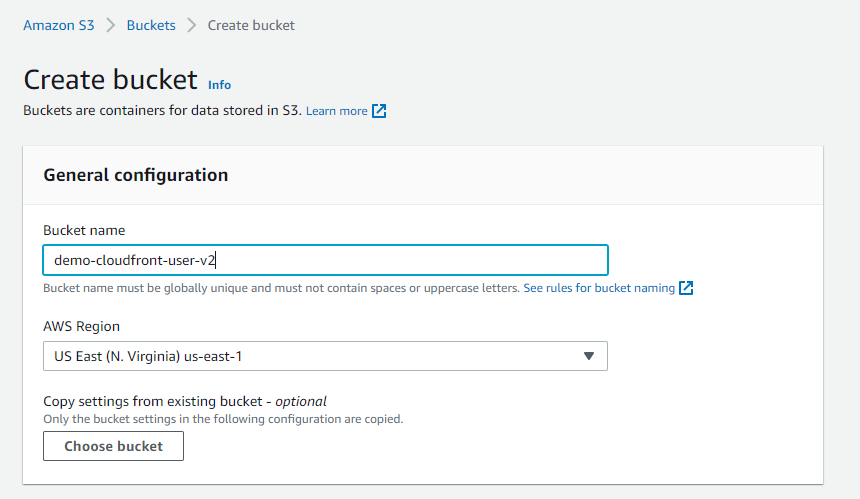
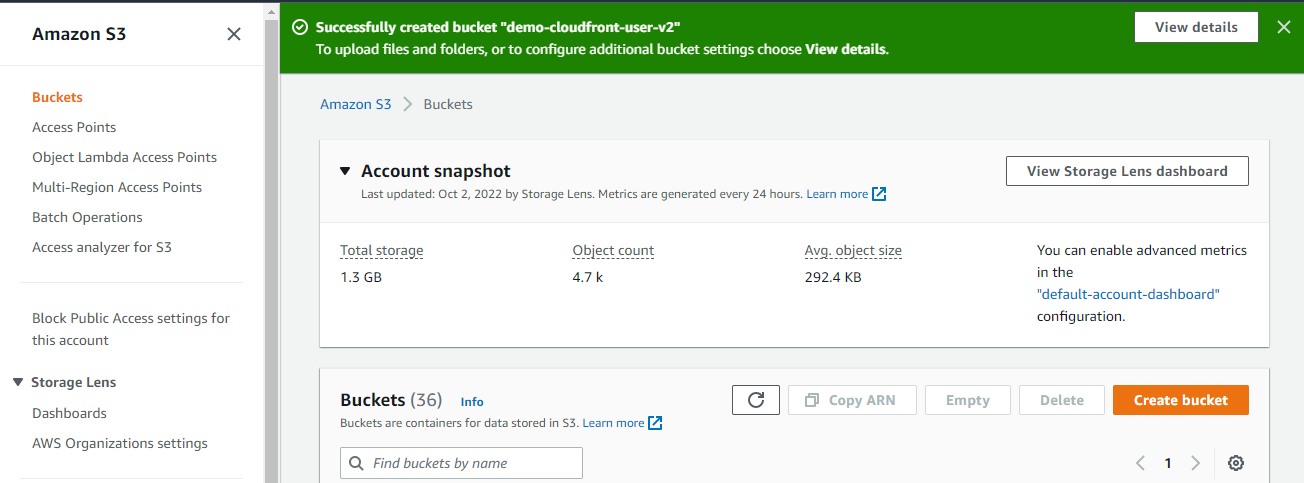
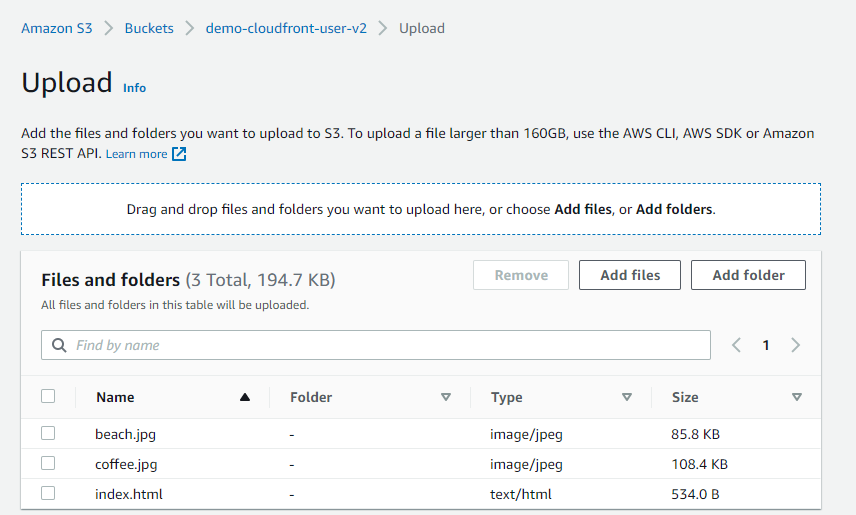
Create s3 bucket



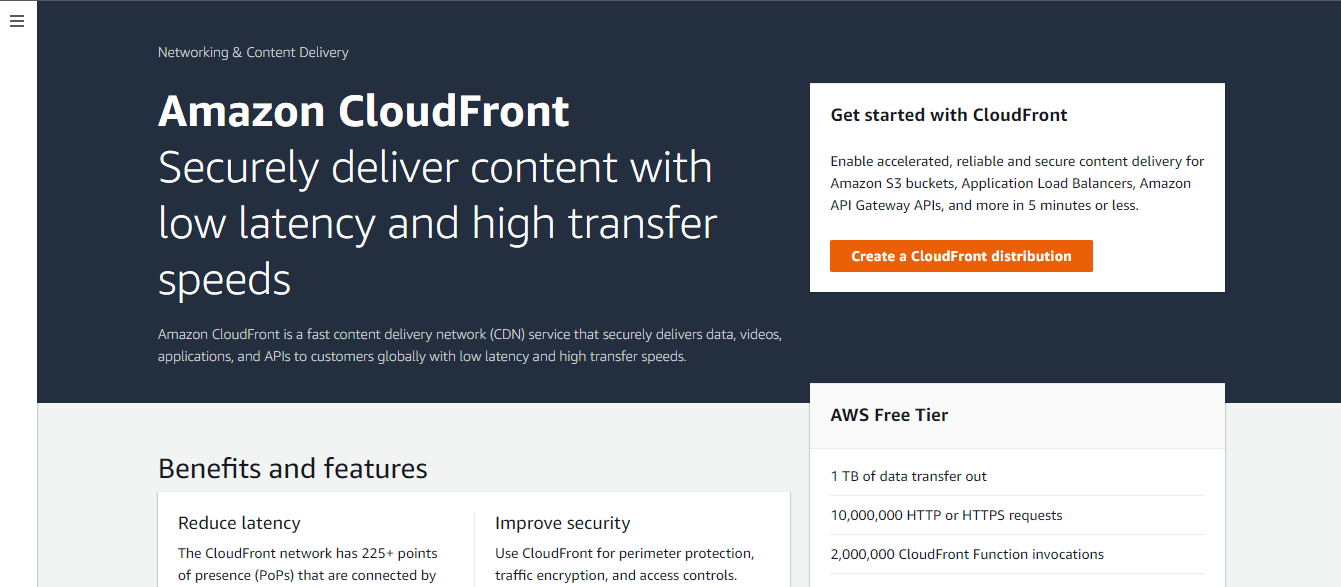


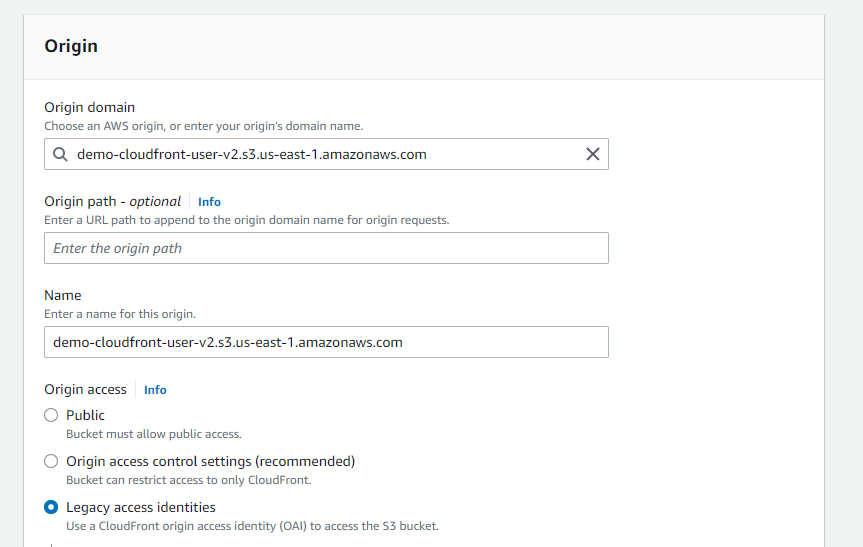


Upload files

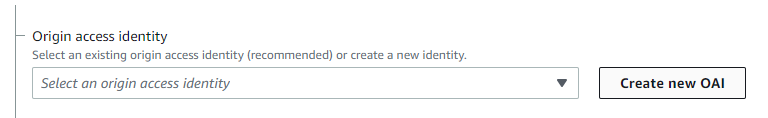


Go to Cloud Front

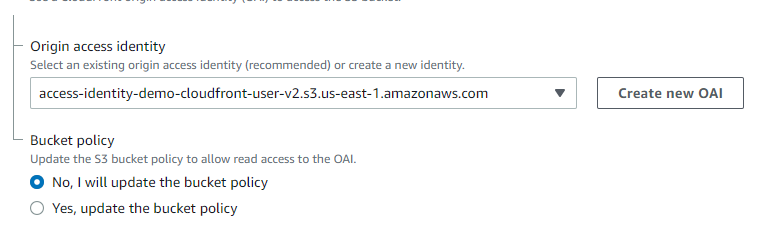




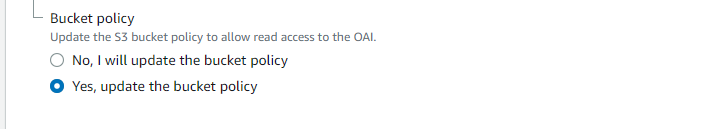
Create new OAI







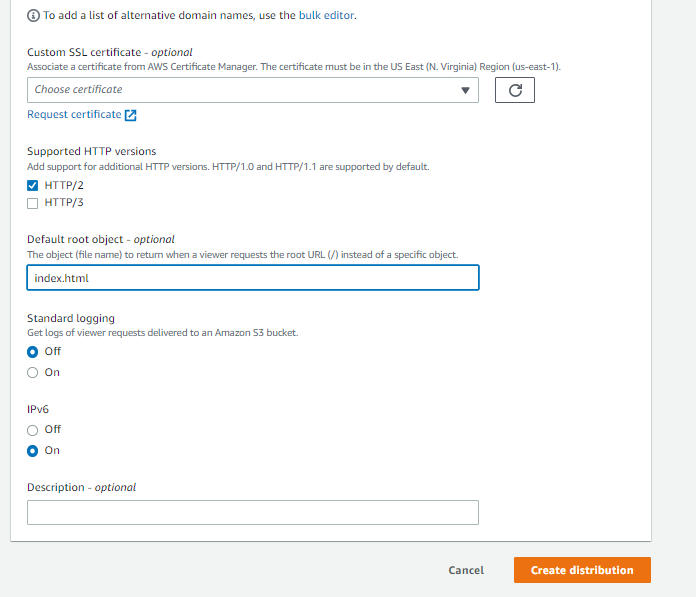
Click Yes on Bucket policy

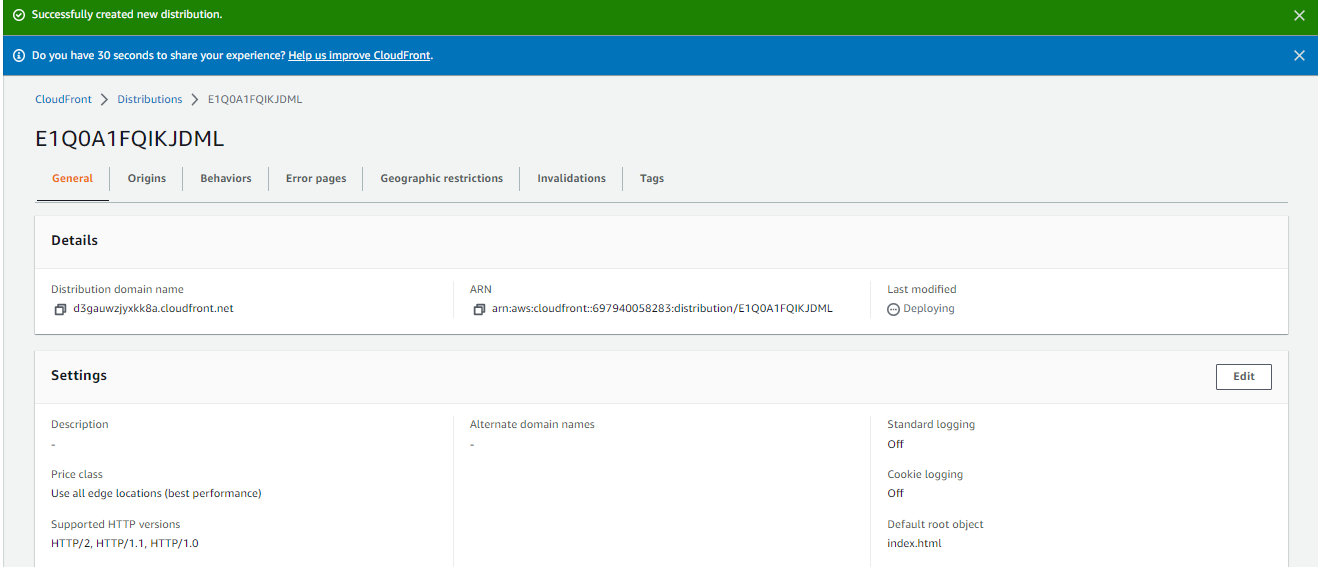


Keep other options default

Go to settings

Default root index.html



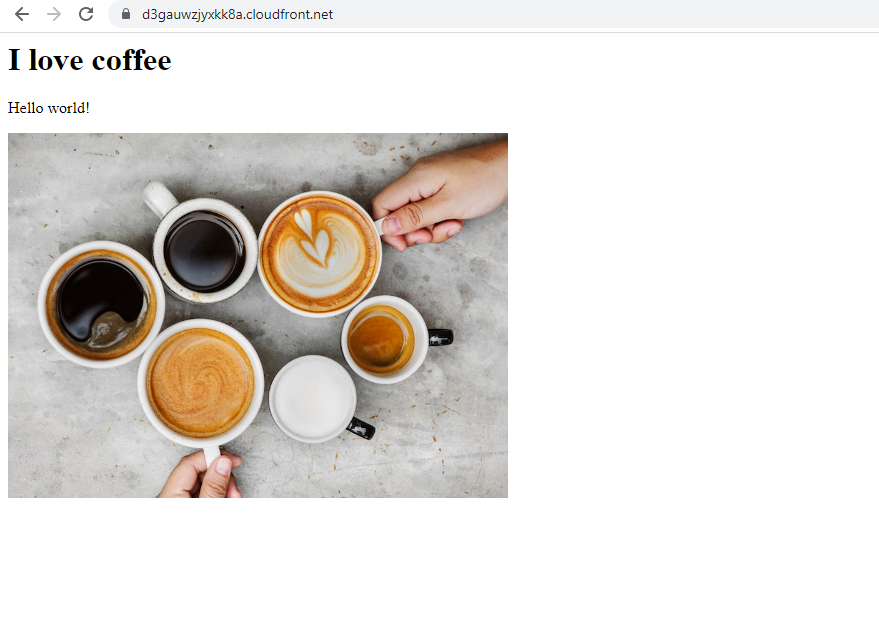


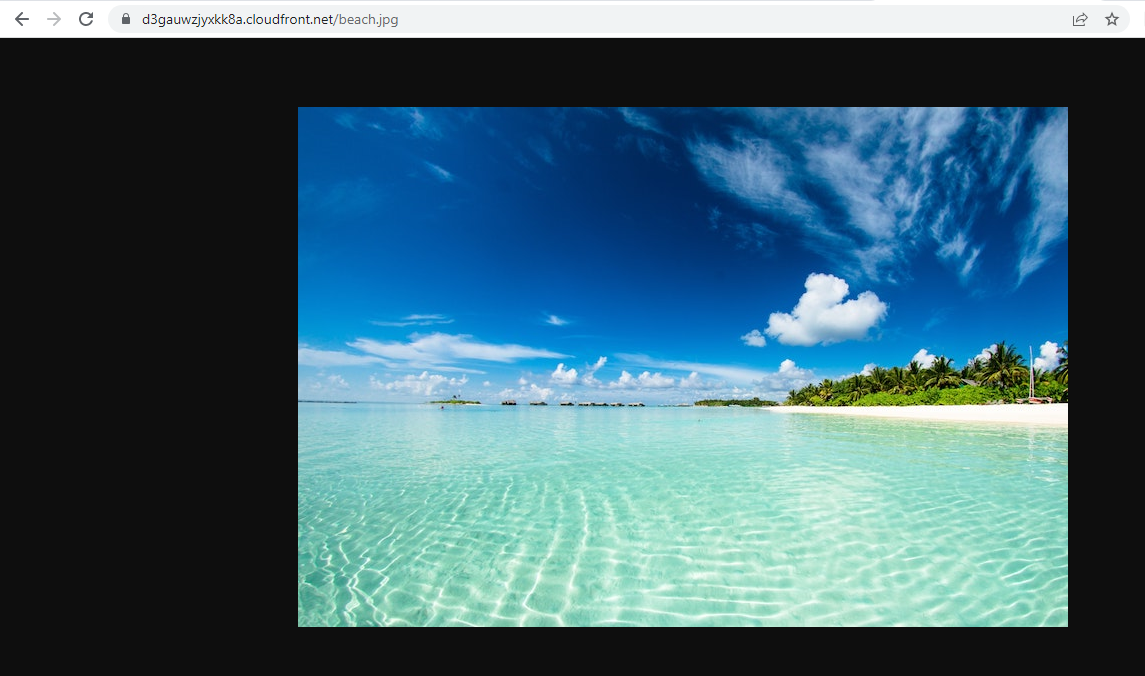
Copy distribution name

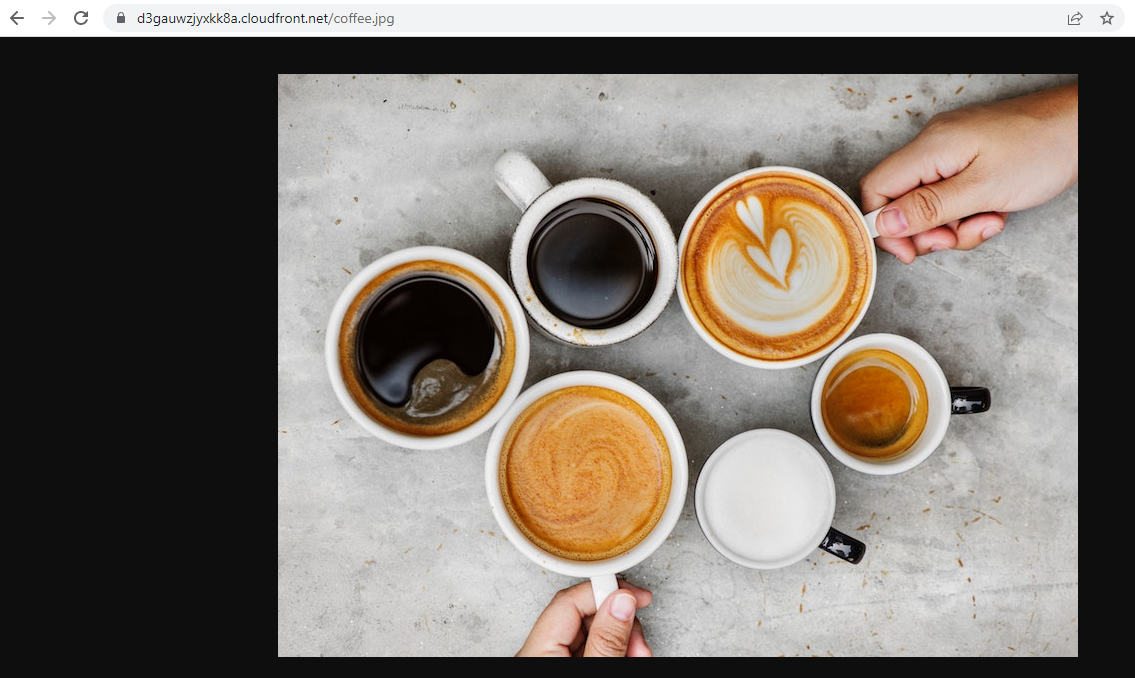
<https://d3gauwzjyxkk8a.cloudfront.net>

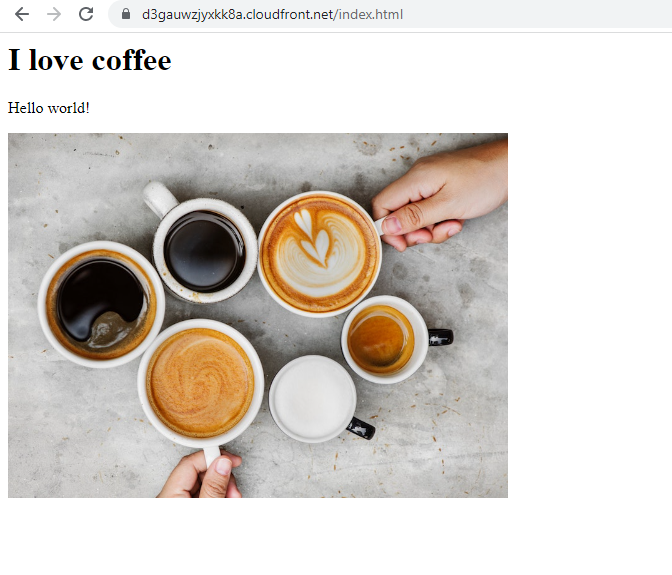
and paster it in new tab

you will get this result



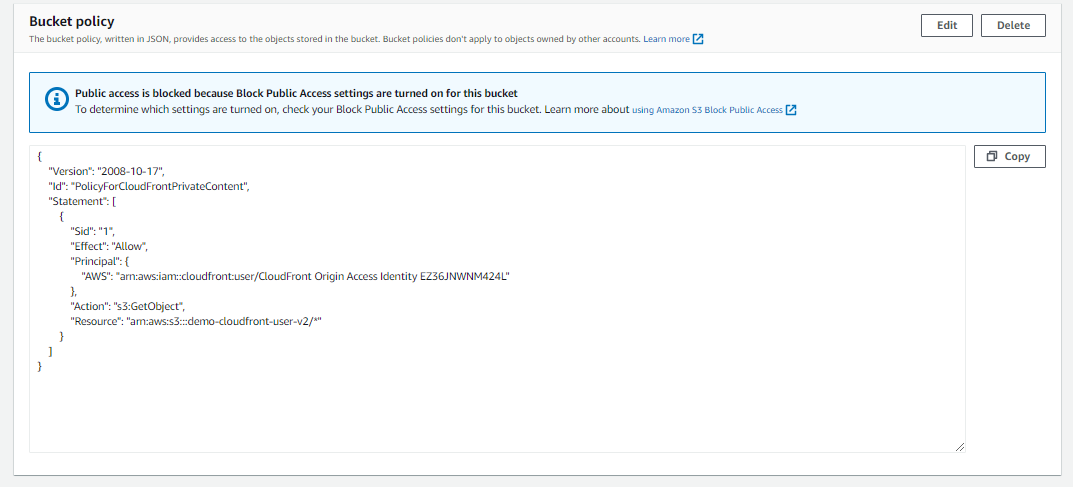




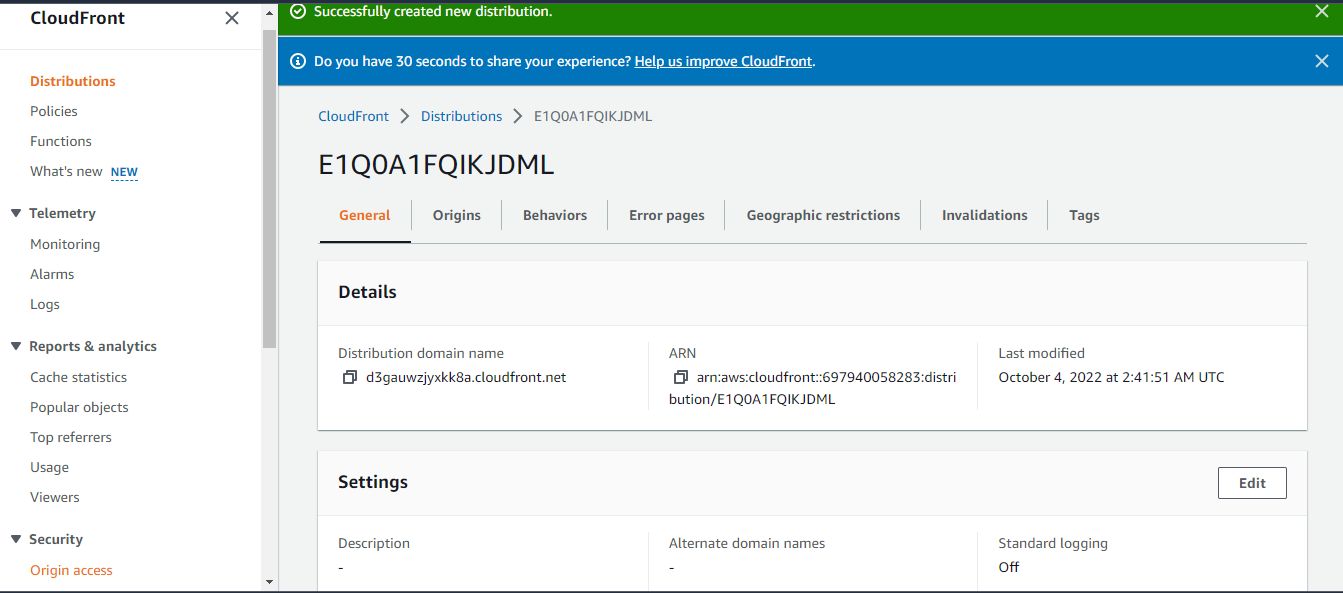


Go to s3 bucket policy

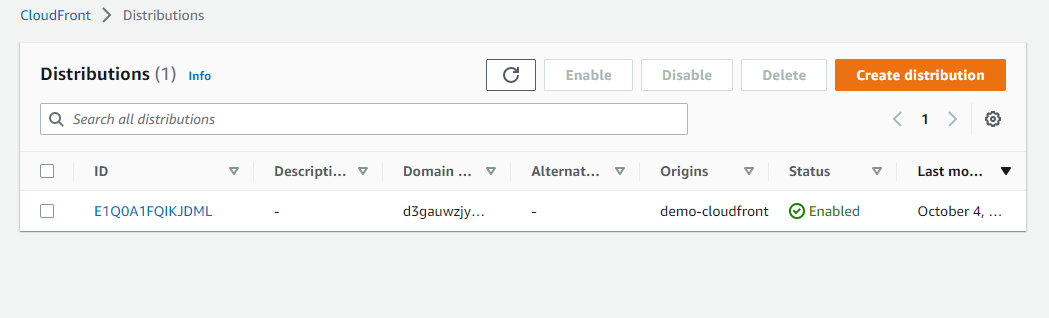
Bucket policy has been automatically filled up



Go back to CloudFront -security-Origin access

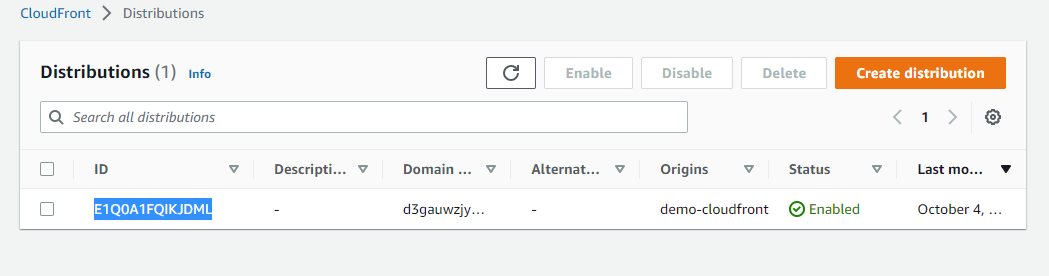


You will see ID

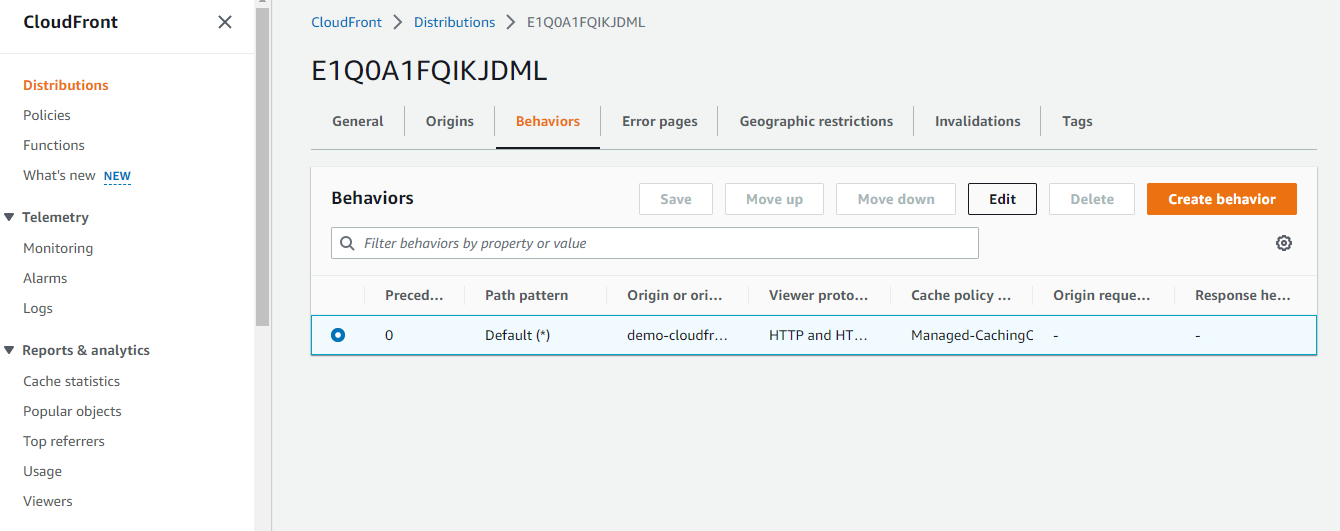


CloudFront Caching

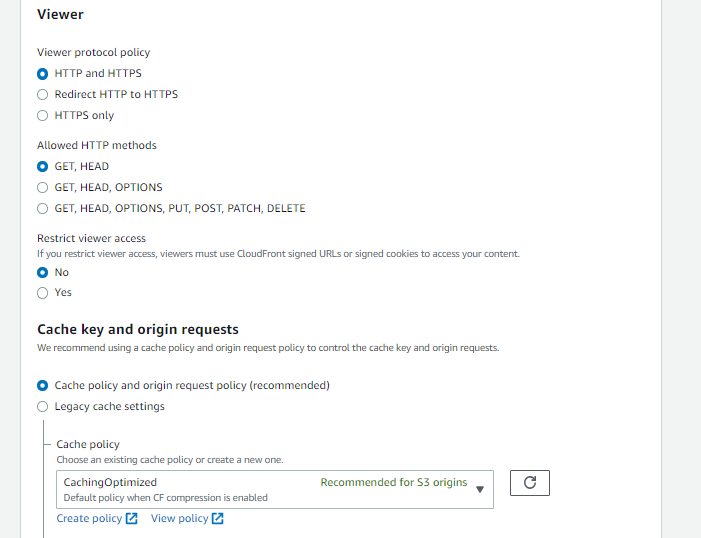
Open CloudFront distribution ID



Go to behaviors and Edit CloudFront Distribution

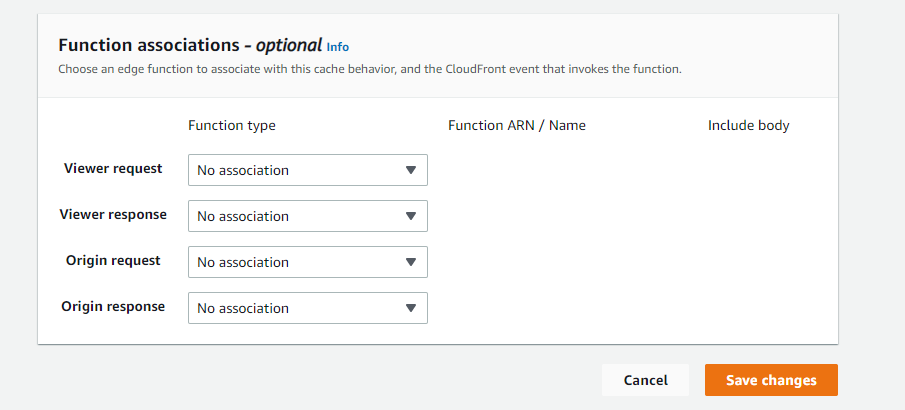


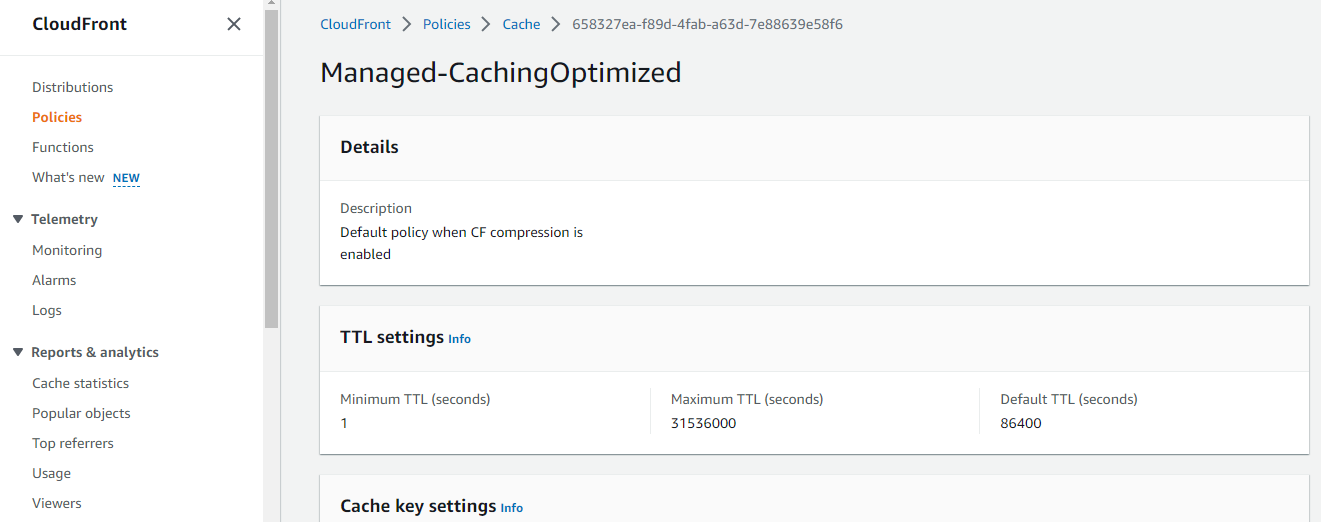




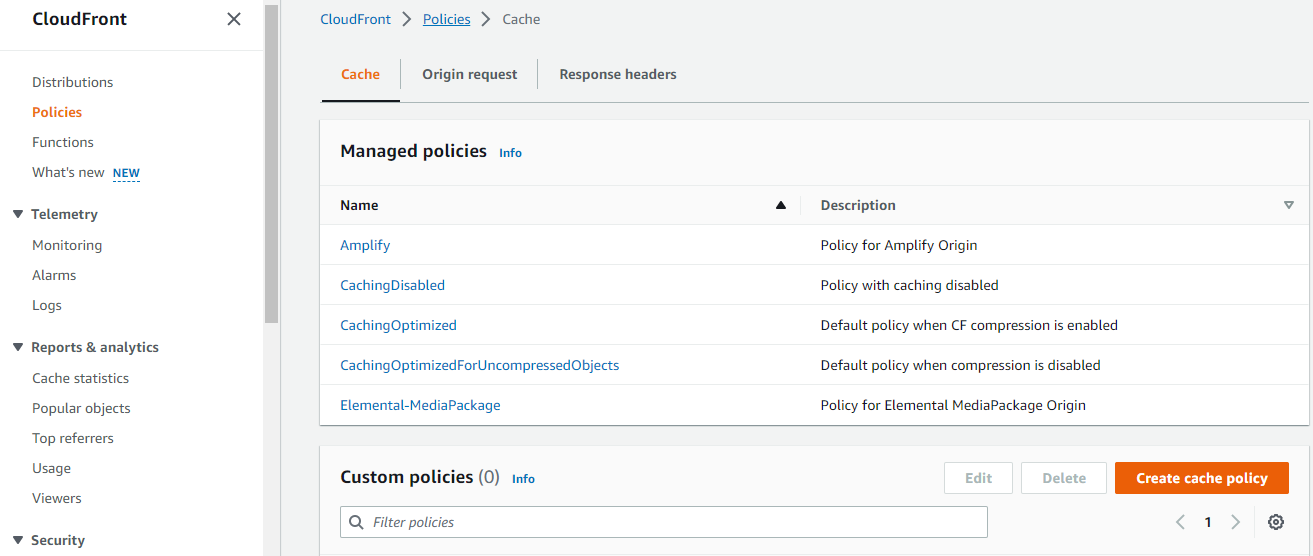
Click View Policy to see how it works

We will cancel just for demo.

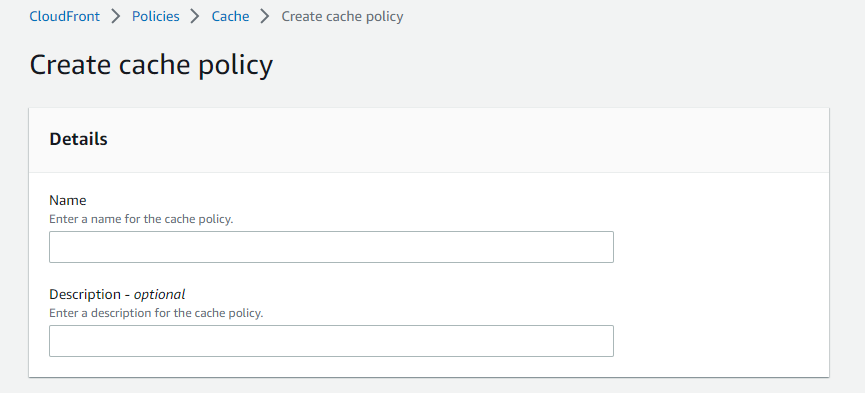




Go to CloudFront-Policies



Click Create cache policy



But we willnot create policy.

Now edit our index.html

<html>

    <head>

        <title>My First Webpage</title>

    </head>

    <body>

        <h1>I love coffee every morning</h1>

        <p>Hello world!</p>

    </body>

    <img src="coffee.jpg" width=500/>

    <!-- CORS demo -->

    <!-- <div id="tofetch"/>

    <script>

        var tofetch = document.getElementById("tofetch");

        fetch('extra-page.html')

        .then((response) => {

            return response.text();

        })

        .then((html) => {

            tofetch.innerHTML = html

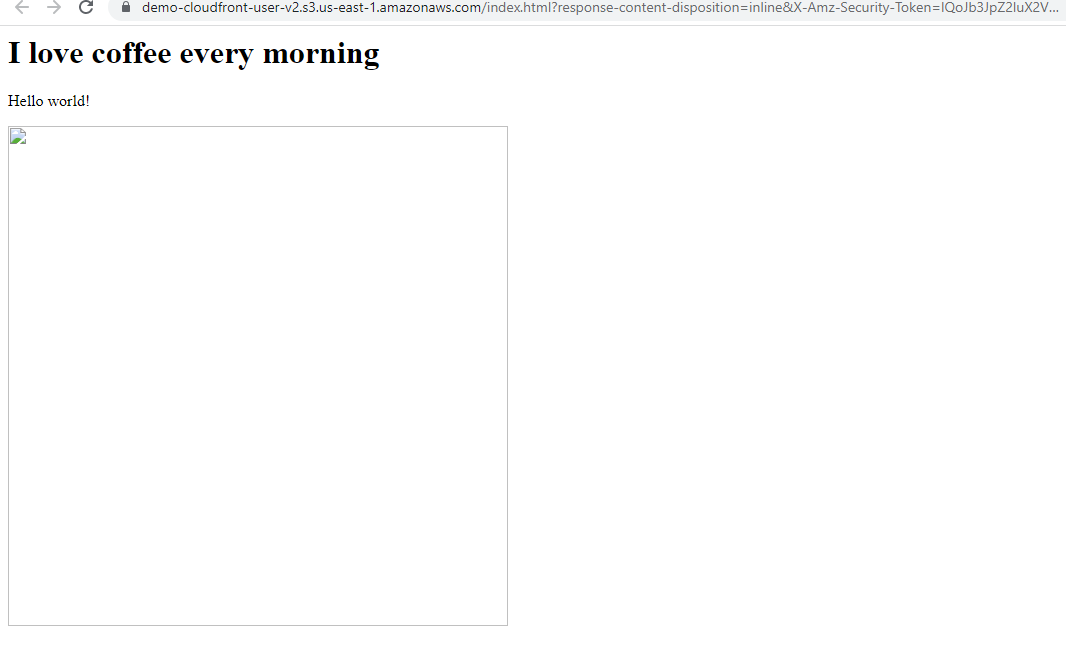
        });

    </script> -->

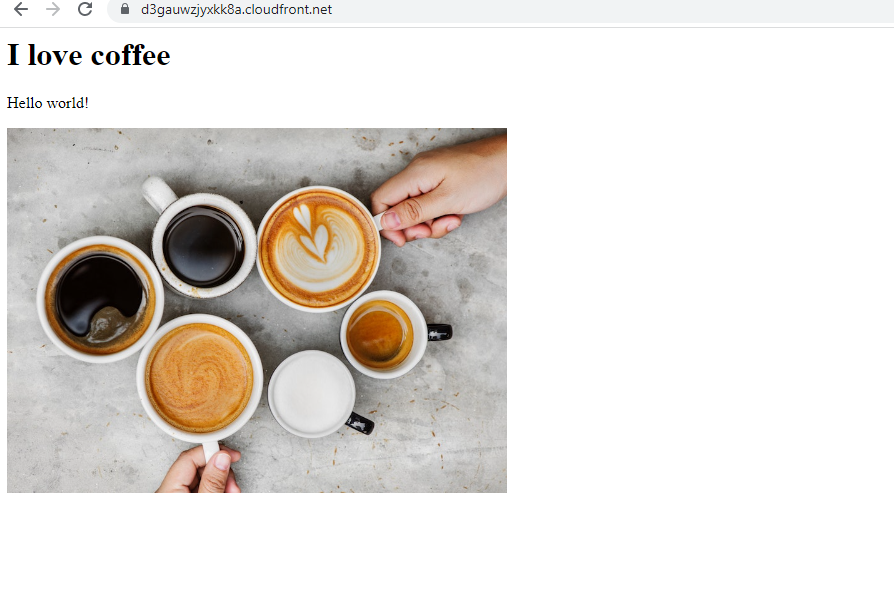
</html>

And again upload file in s3 bucket.

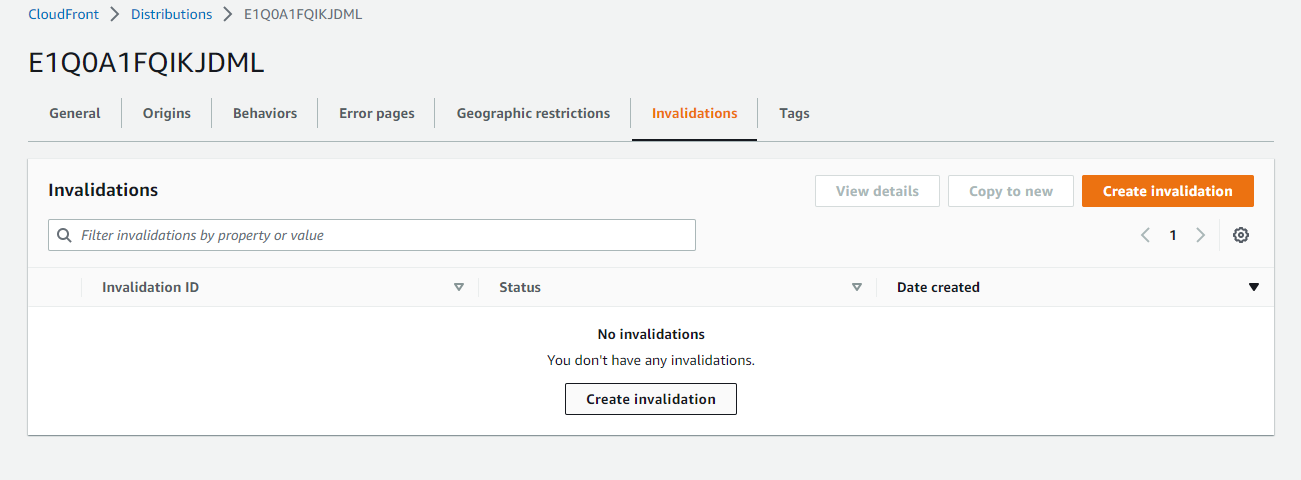
You will get this output



But I cloud front, we get

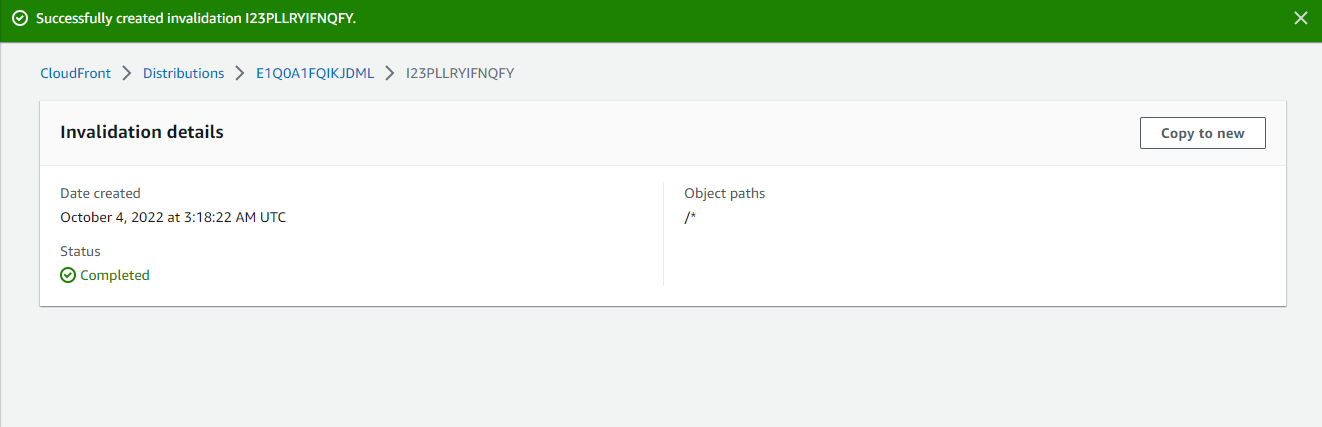


Go to CloudFront-Distributions-ID-Create Invalidations

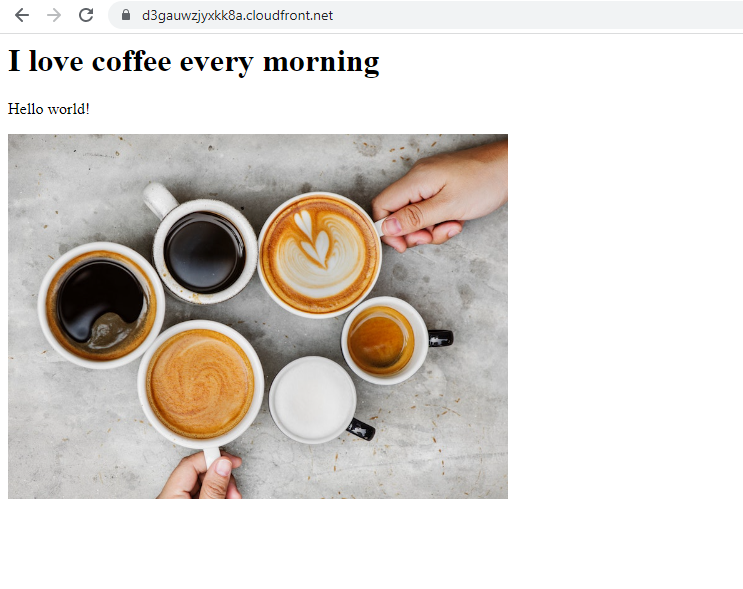




Click Create Invalidation

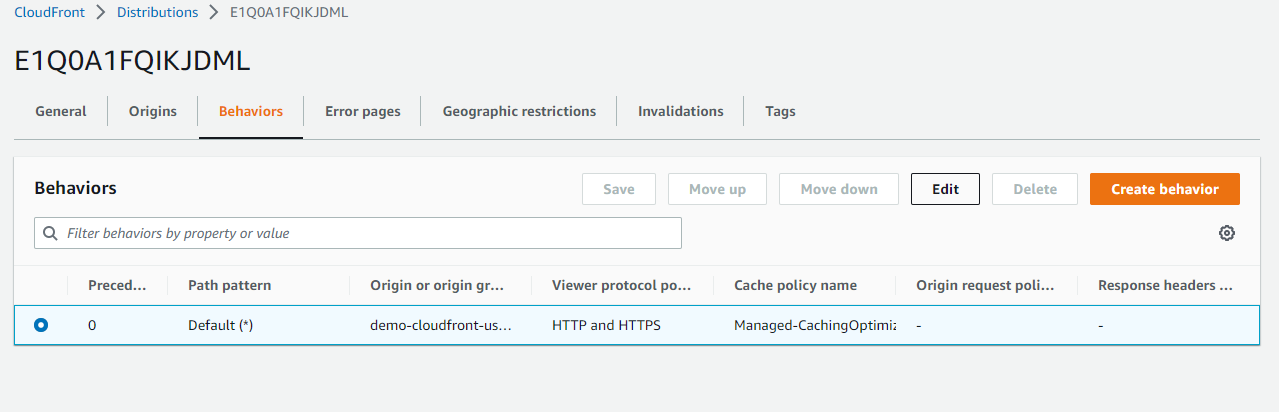


Now you will get this result in cloudfront.



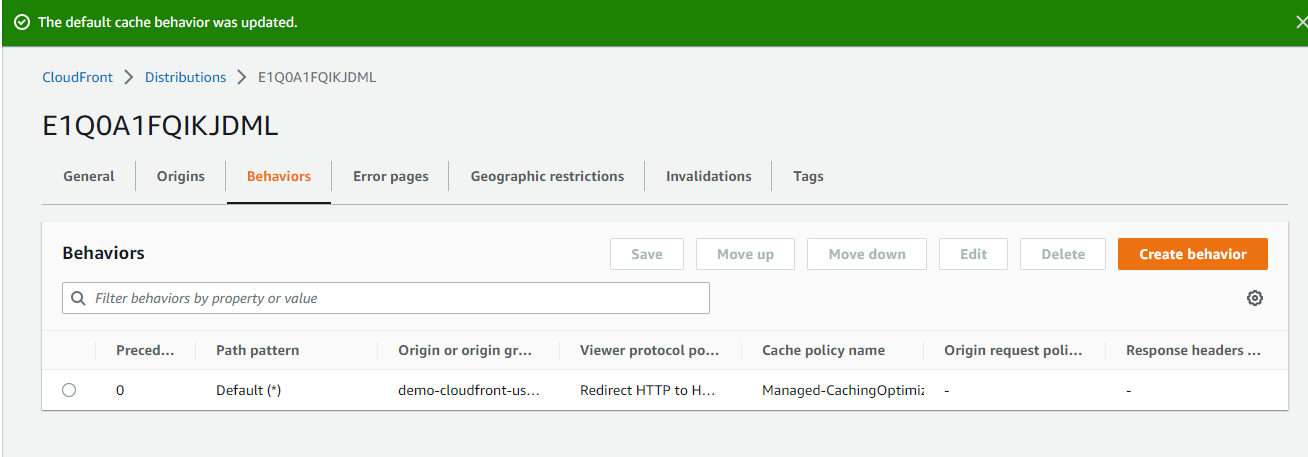
**CloudFront security**

CloudFront-Distribution-Behaviors

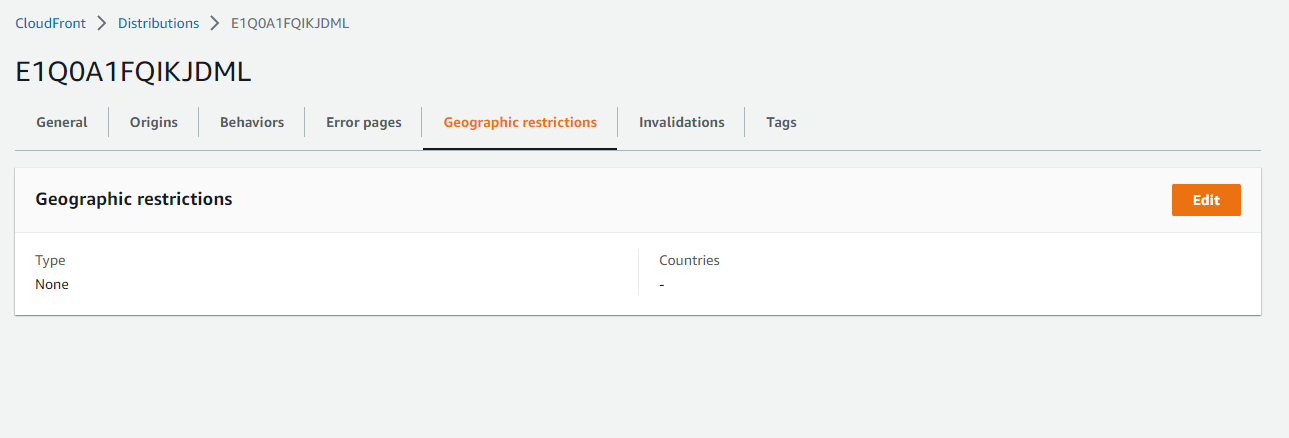


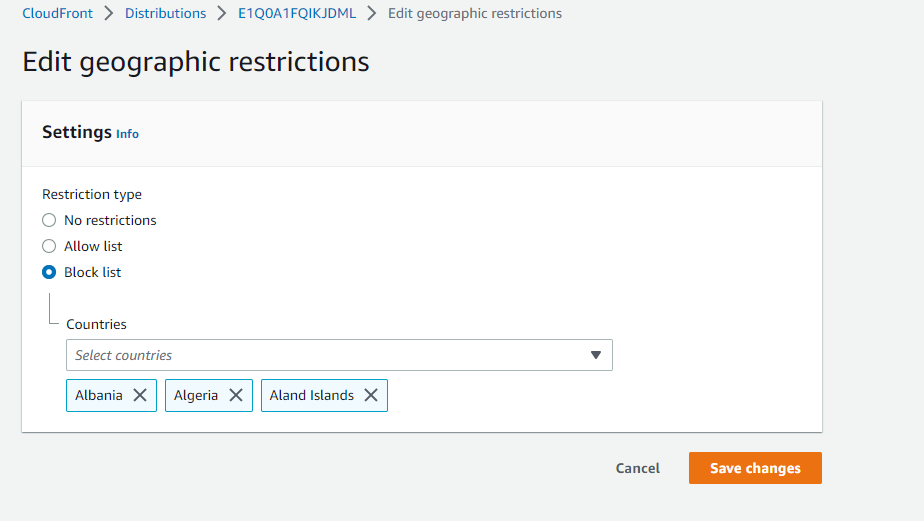


Click save changes



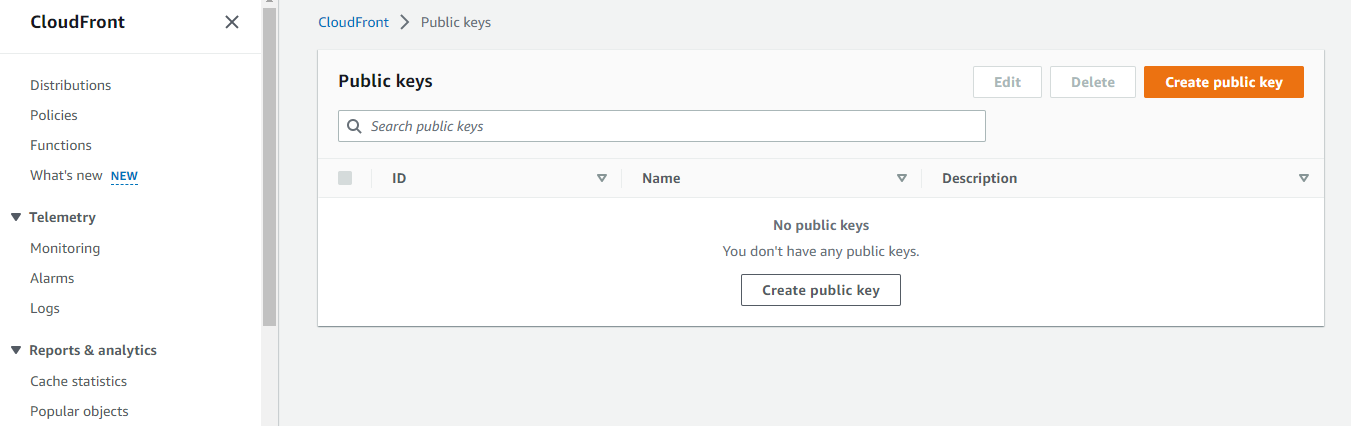
Geographic changes





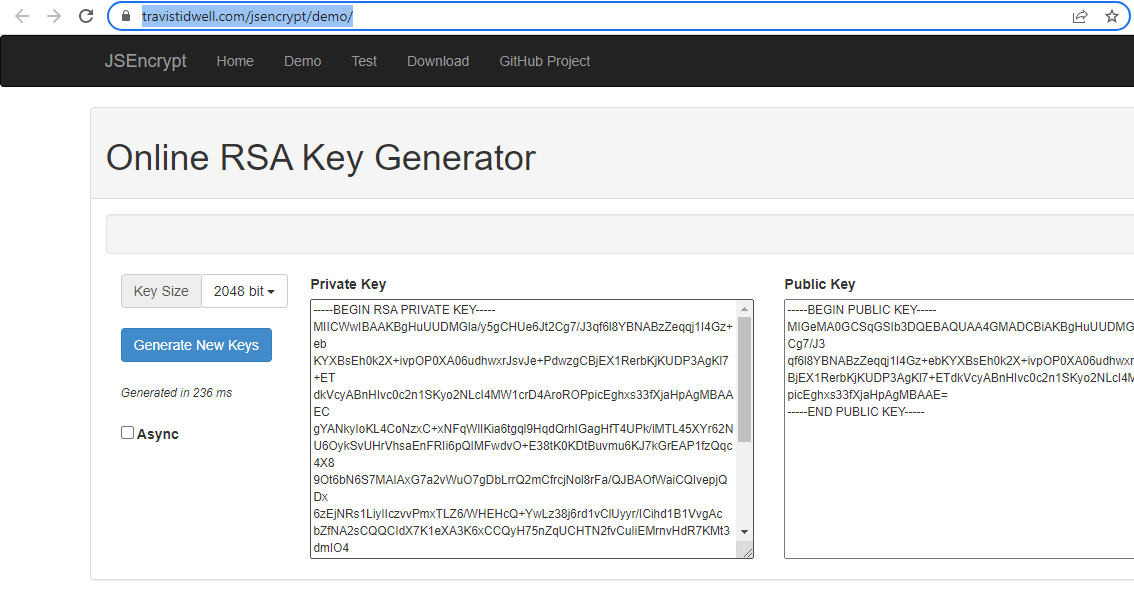
CloudFront Signed ULR Process

Cloud Front-Public keys



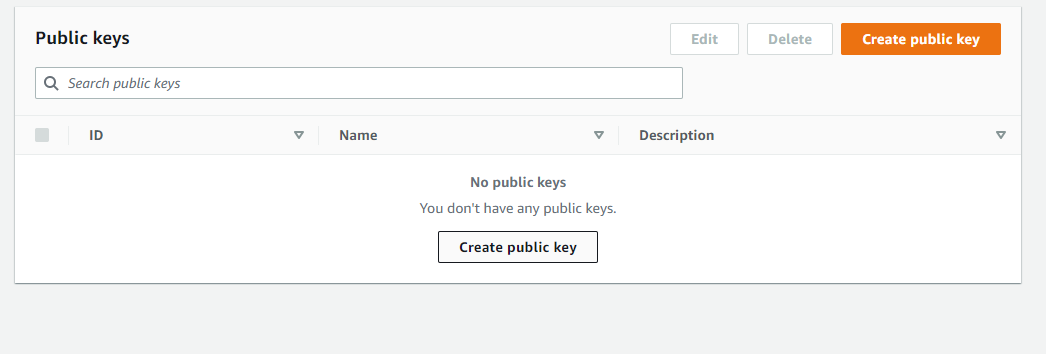
Create key 2048 bit

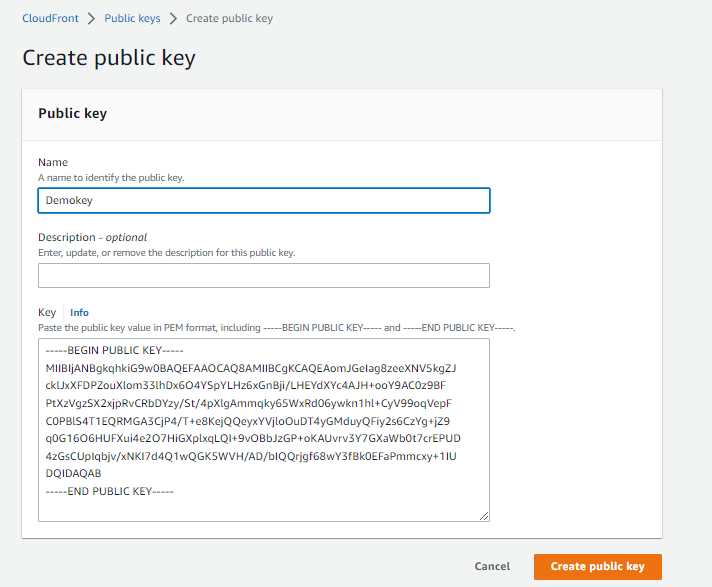
<https://travistidwell.com/jsencrypt/demo/>

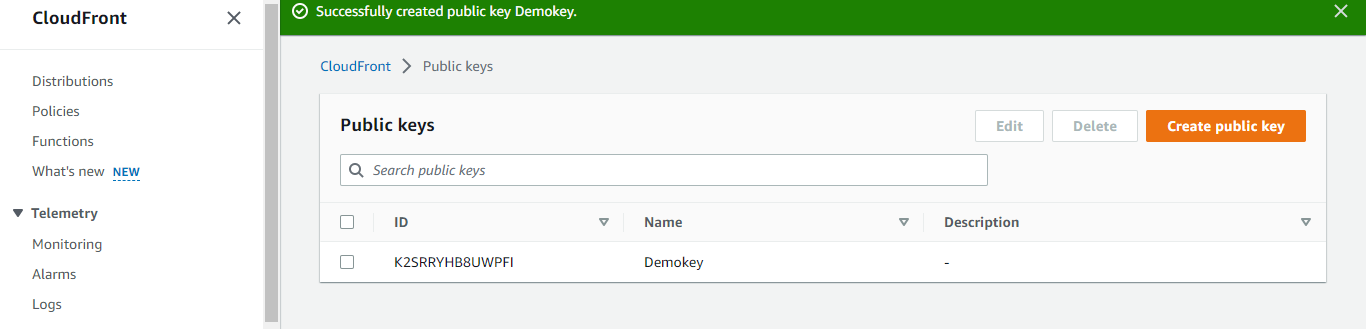


Go to CloudFront >> Public keys

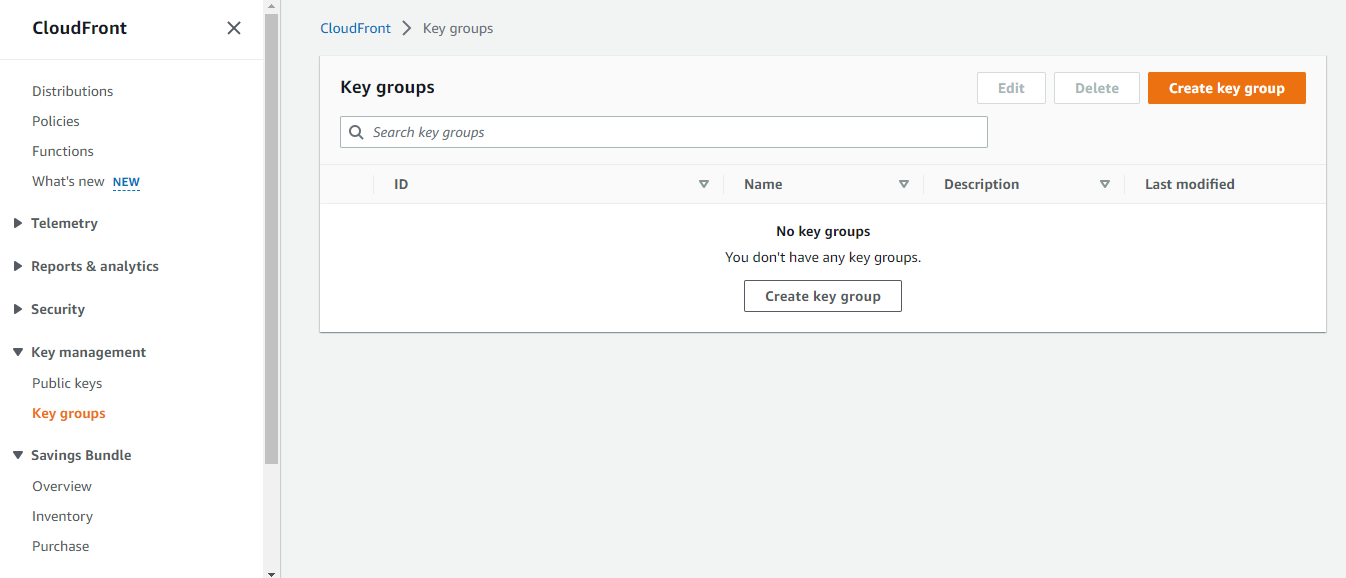
Click public key

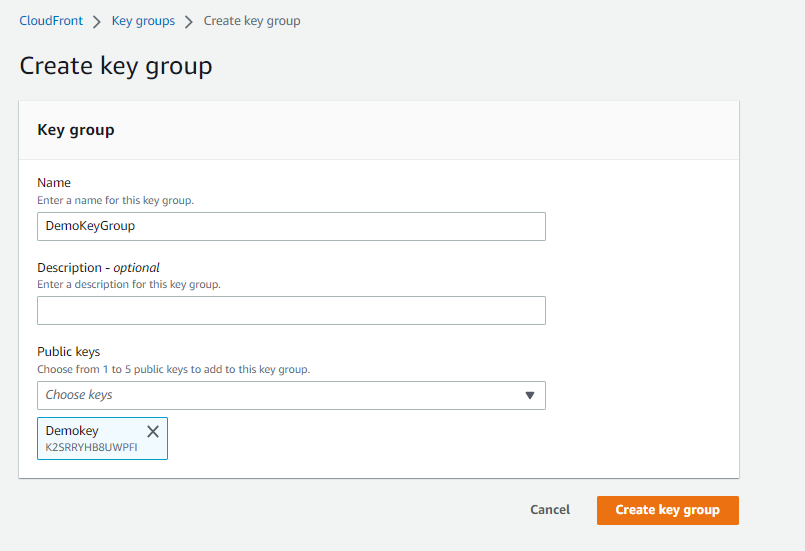


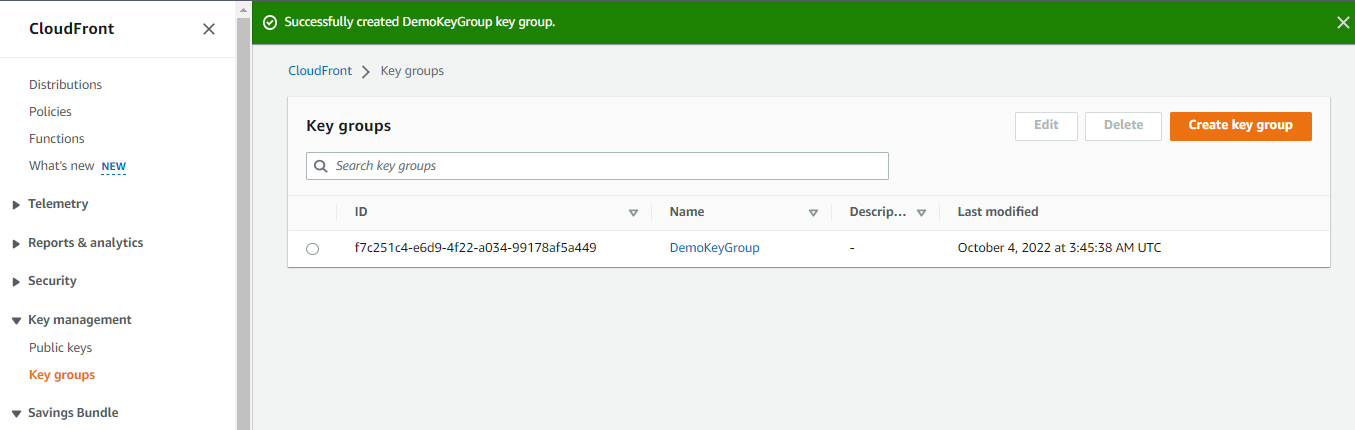




Go to CloudFront-Key group







Go to root account download CloudFront key pairs public and private from IAM .

