A Practical Activity Report For
Cloud Computing

Submitted By:

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Submitted To:
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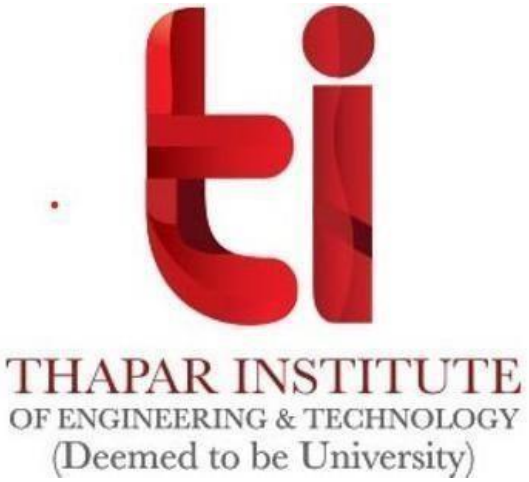

Depatment of Electronics and Communication Engineering

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Experiment 10

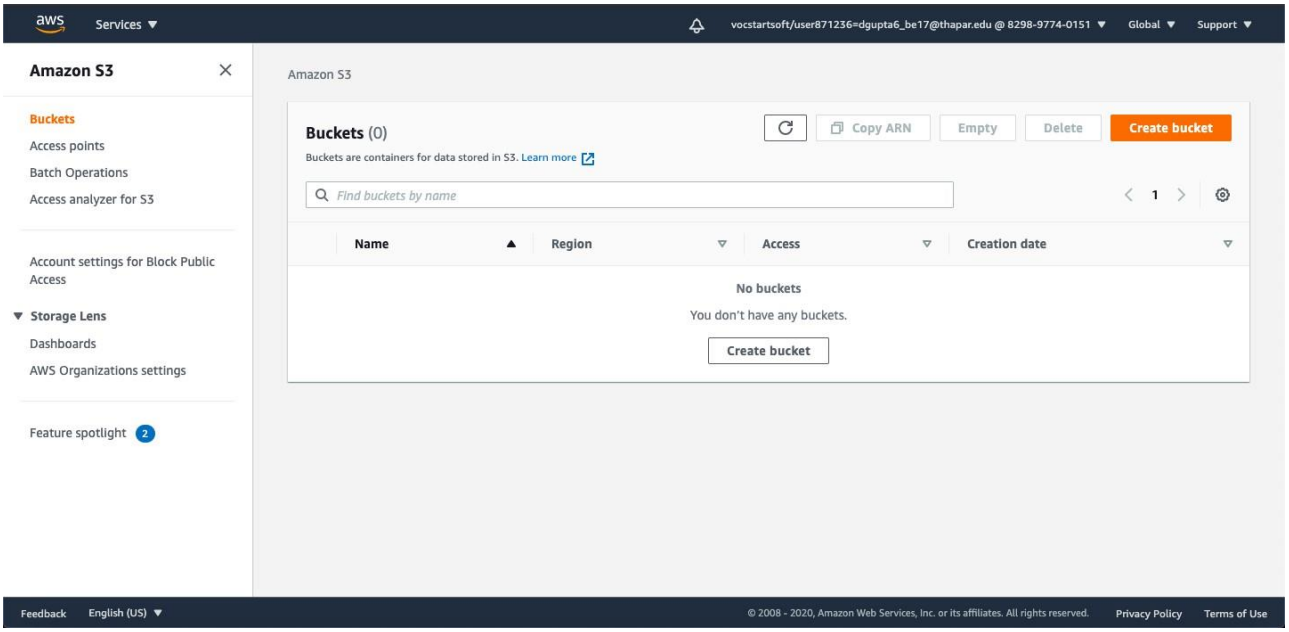
Aim: To Create CloudFront Distribution using Amazon S3.

Introduction: Amazon CloudFront is a web service that speeds up distribution of your static and dynamic web content, such as .html, .css, .js, and image files, to your users. CloudFront delivers your content through a worldwide network of data centres called edge locations. When a user requests content that you're serving with CloudFront, the user is routed to the edge location that provides the lowest latency (time delay), so that content is delivered with the best possible performance.

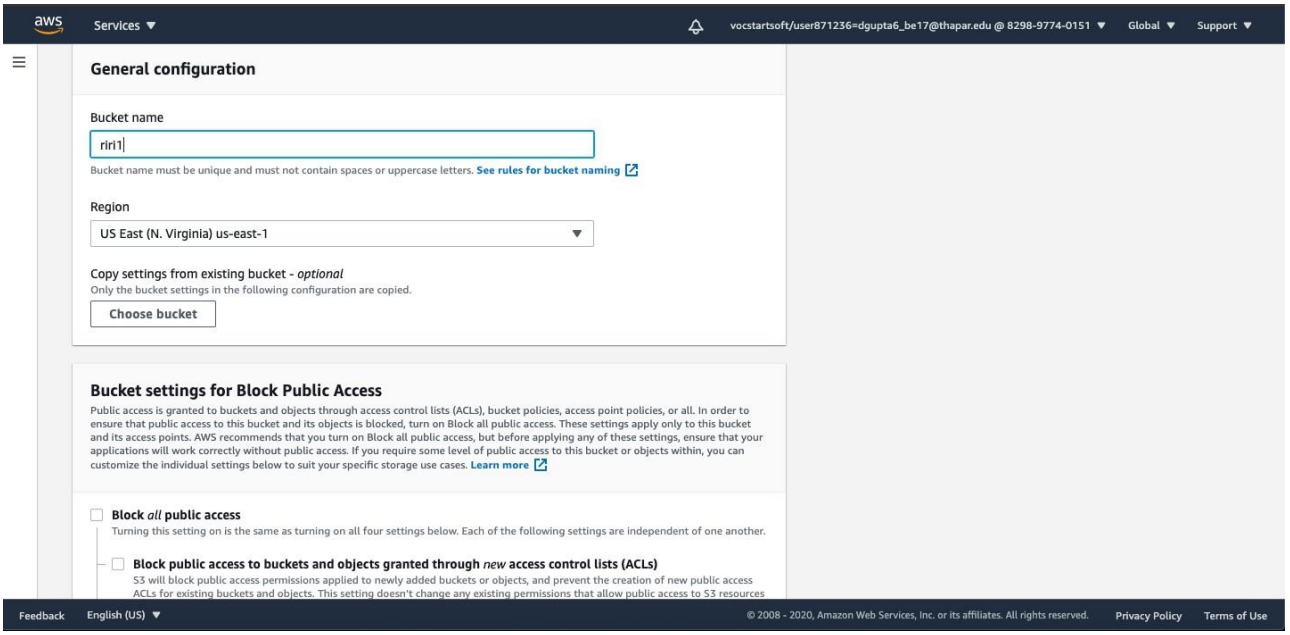
- If the content is already in the edge location with the lowest latency, CloudFront delivers it immediately.
- If the content is not in that edge location, CloudFront retrieves it from an origin that you've defined—such as an Amazon S3 bucket, a Media Package channel, or an HTTP server (for example, a web server) that you have identified as the source for the definitive version of your content.

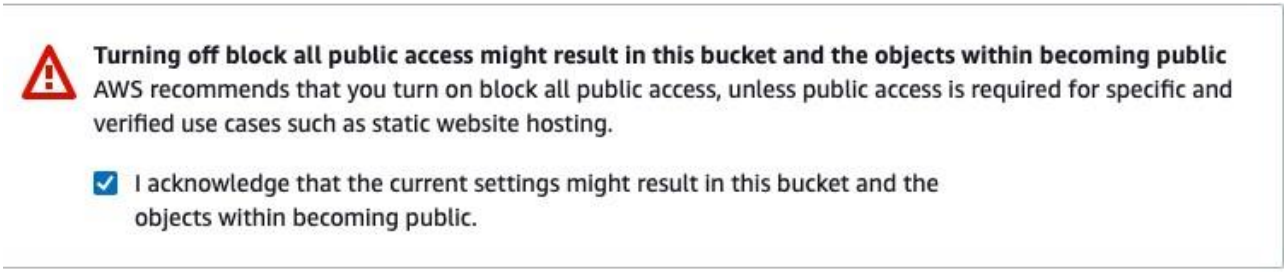
STEPS TO CREATE CLOUDFRONT DISTRIBUTION

1 Go to S3 services and CREATE Bucket.

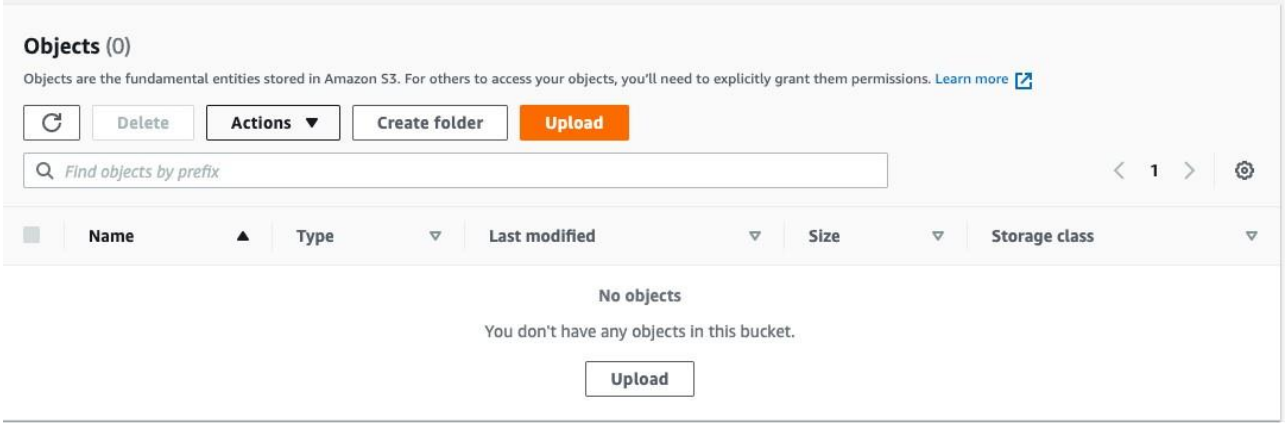


2 Provide the Bucket Name and uncheck the **Block all Public Access** and check the **Acknowledgement box**.

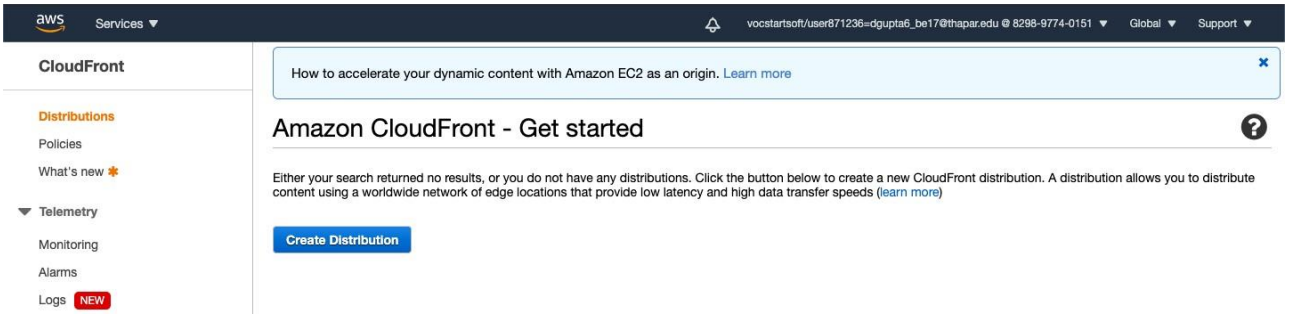




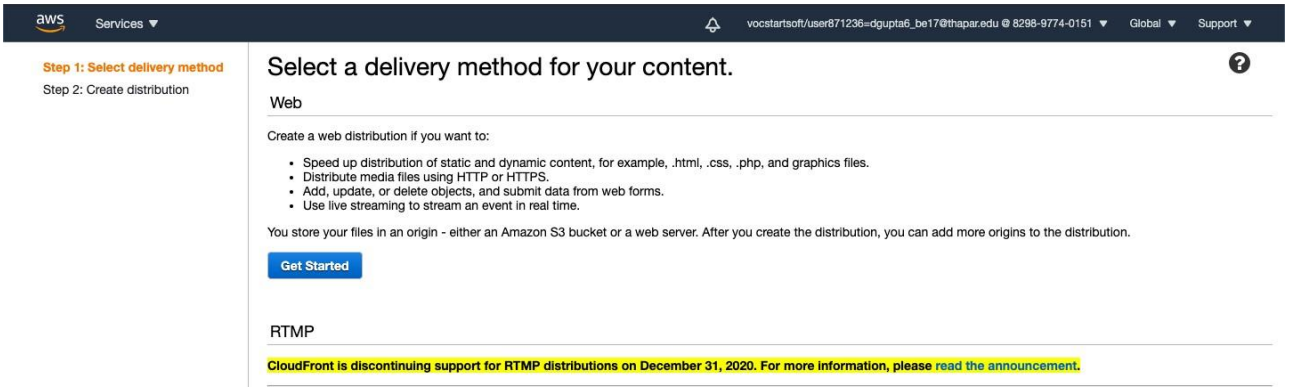
3 Upload the Image by clicking on the Upload button.



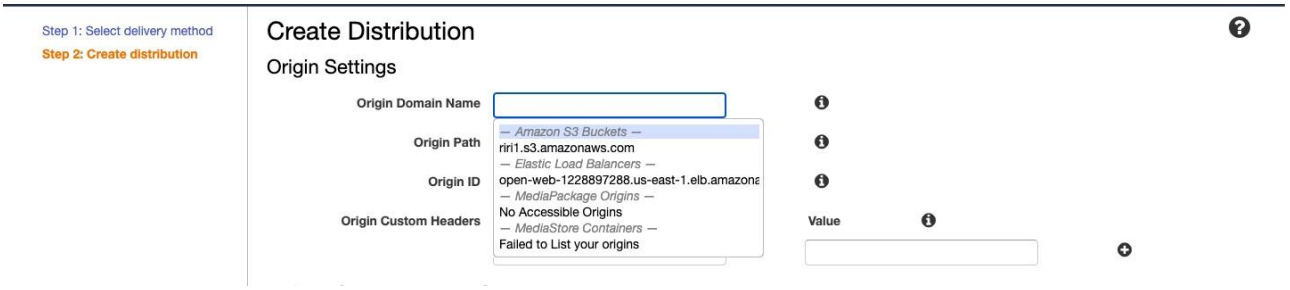
4 Now we have created our object using S3, now go to CloudFront and click on CREATE DISTRIBUTION.



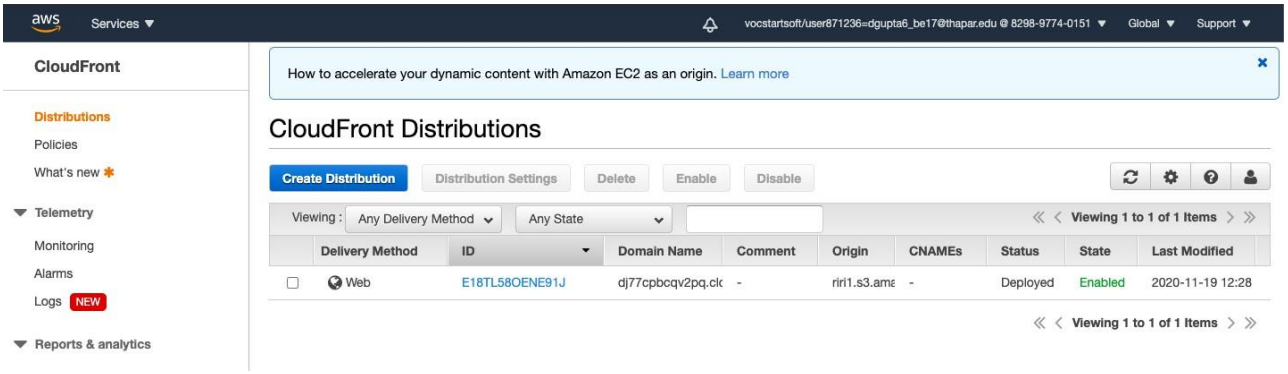
5 We will be creating the CloudFront using the WEB.



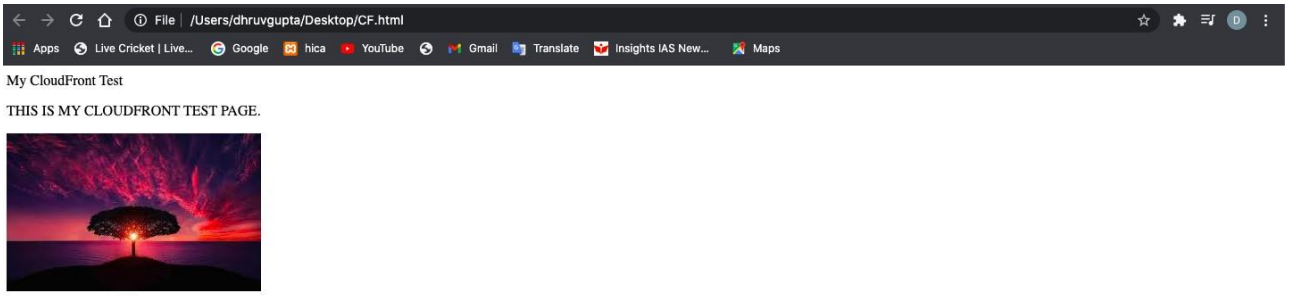
6 We will give Domain name that we have created earlier using S3 service.



7 Create txt file and write the html content in it and instead of Domain name give the name Domain name that you have get after creating the CloudFront.



CF.txt

```
<html>
<head>My CloudFront Test</head>
<body>
<p>THIS IS MY CLOUDFRONT TEST PAGE.</p>
<p><img src="http://dj77cpbcqv2pq.cloudfront.net/download.jpeg" alt="my test image" /></p>
</body>
</html>
```

Results: