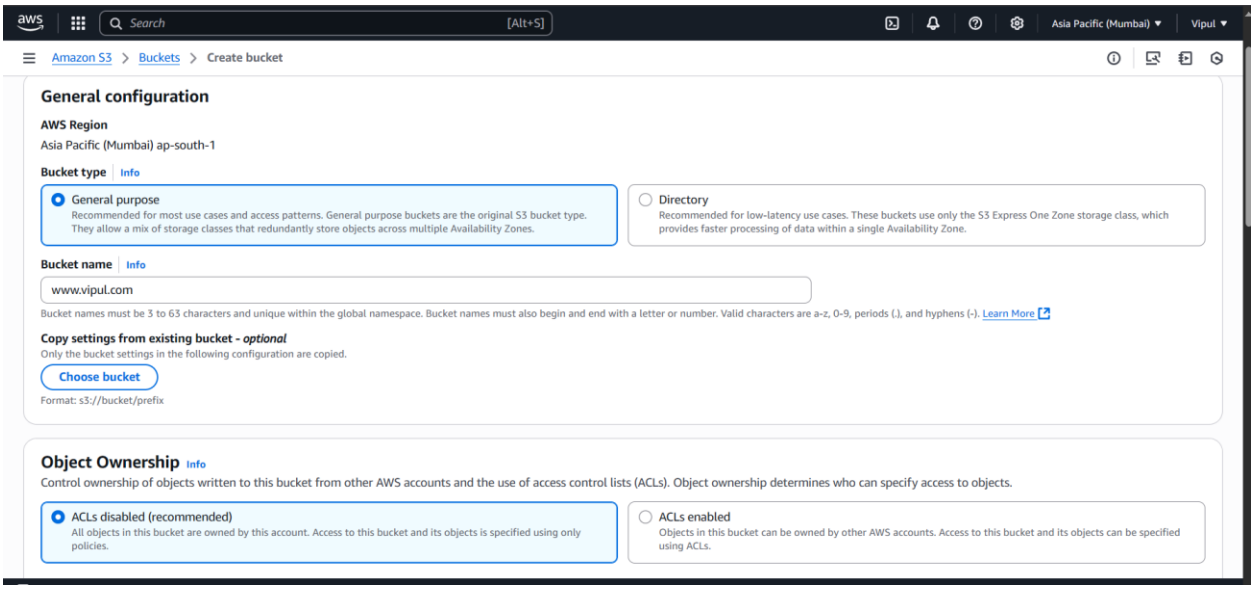
AWS–Cloud Front Practical

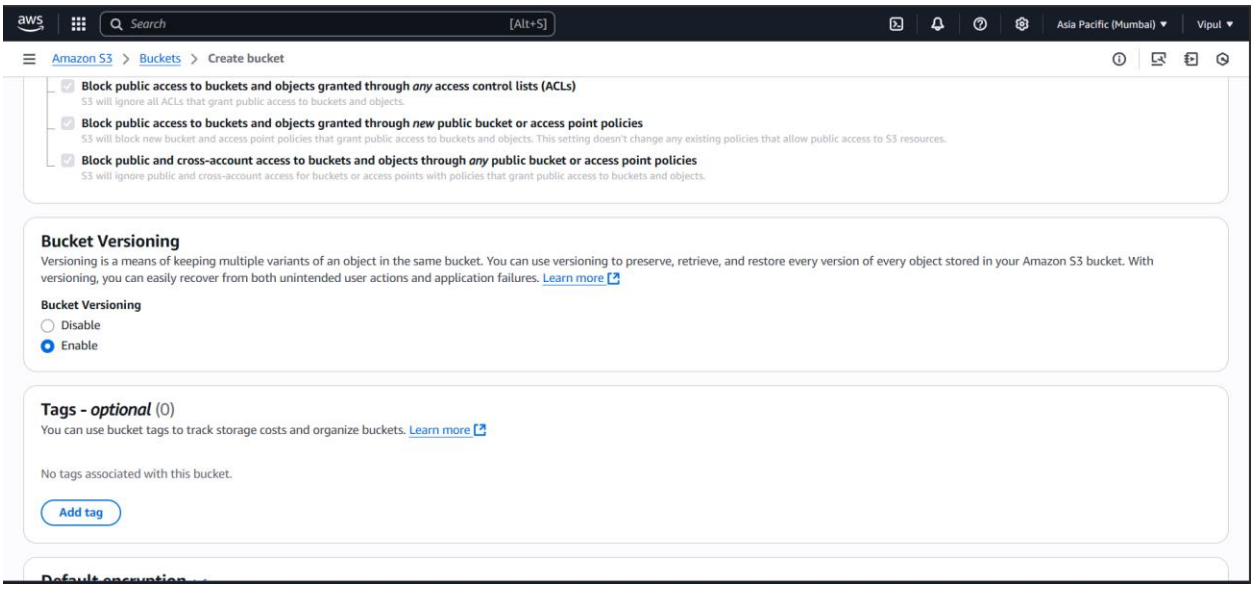
Static Website Hosting with CloudFront and S3

Steps:

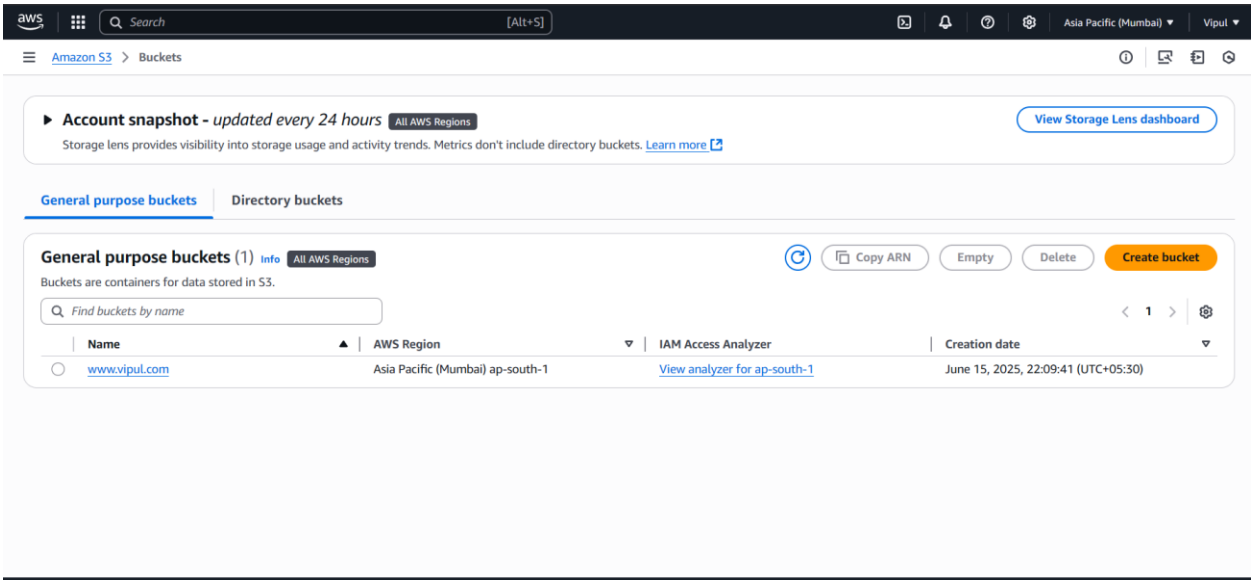
1. So let’s create the bucket first and the name of bucket should be same as the domain name



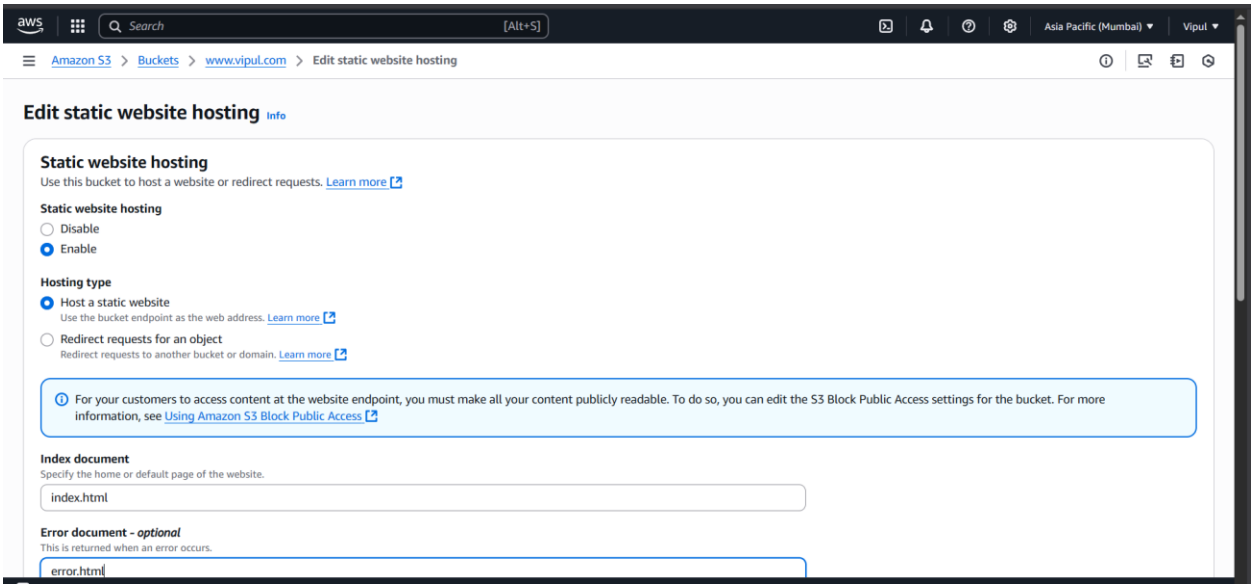
2. Enable Bucket versioning so that we can recover the object if any deleted.



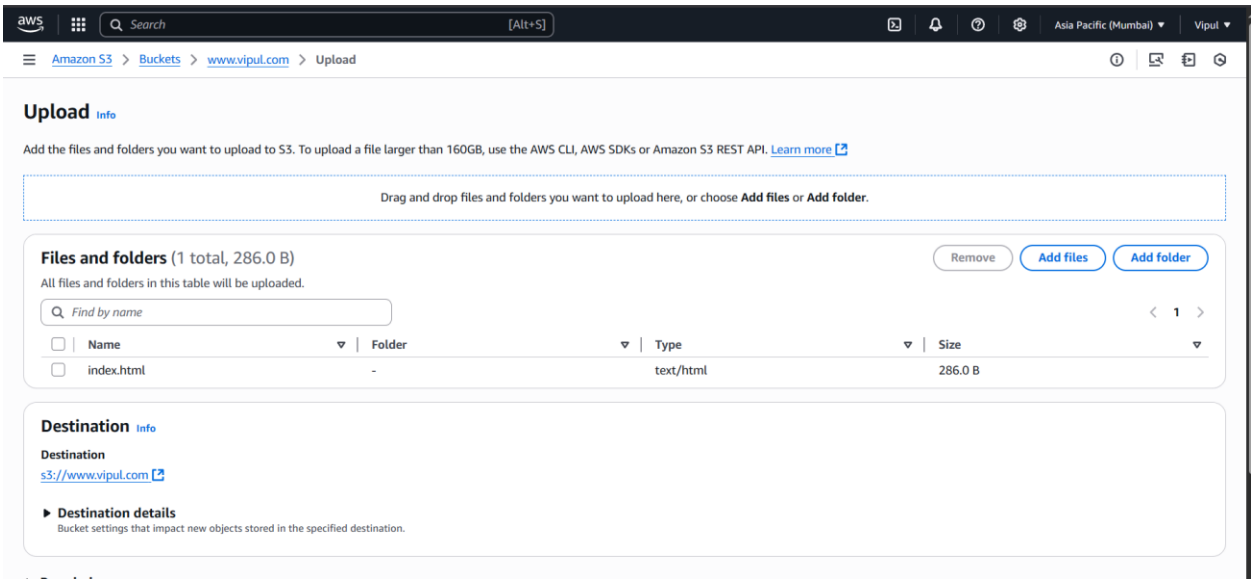
3. Bucket got created now click on properties and go down to the section called static website hosting.



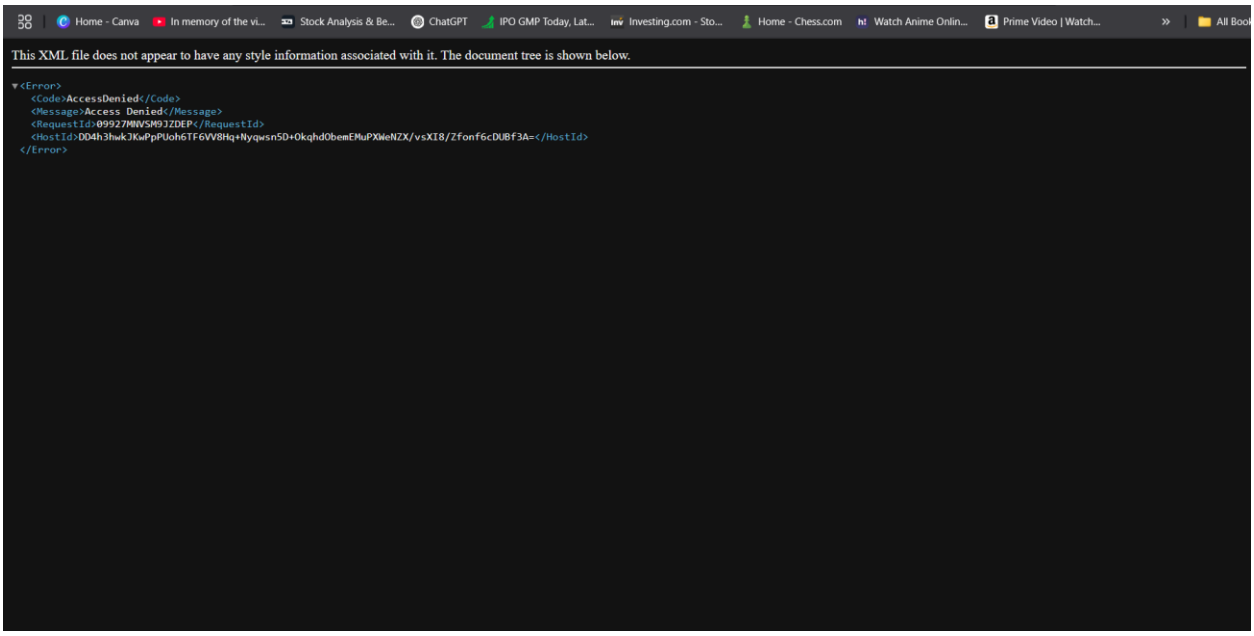
4. Enable the static hosting and add the index.html page and error.html page.



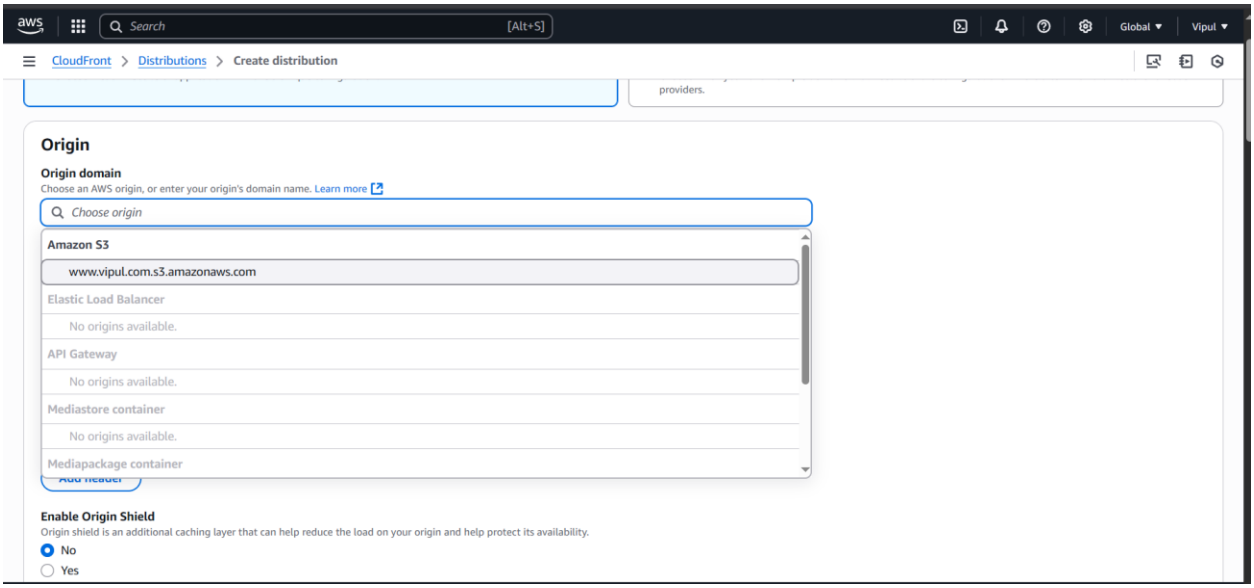
5. Now upload the index.html file to the S3 bucket



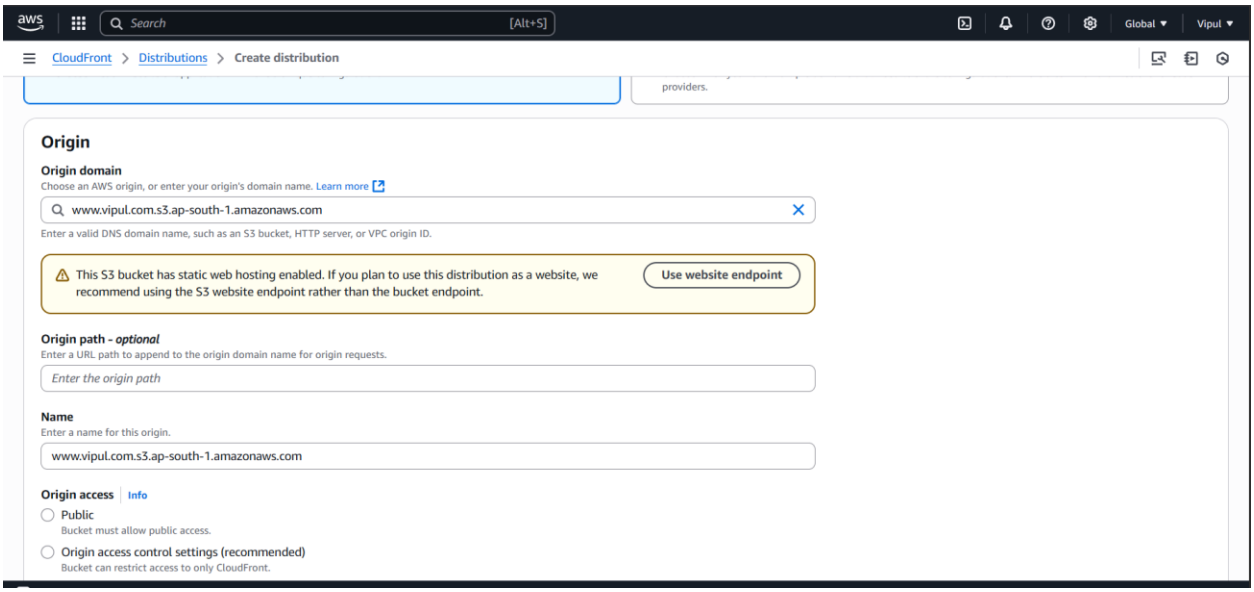
6. So now if try to access the S3 bucket we would not be able to access it as we have block the all the access



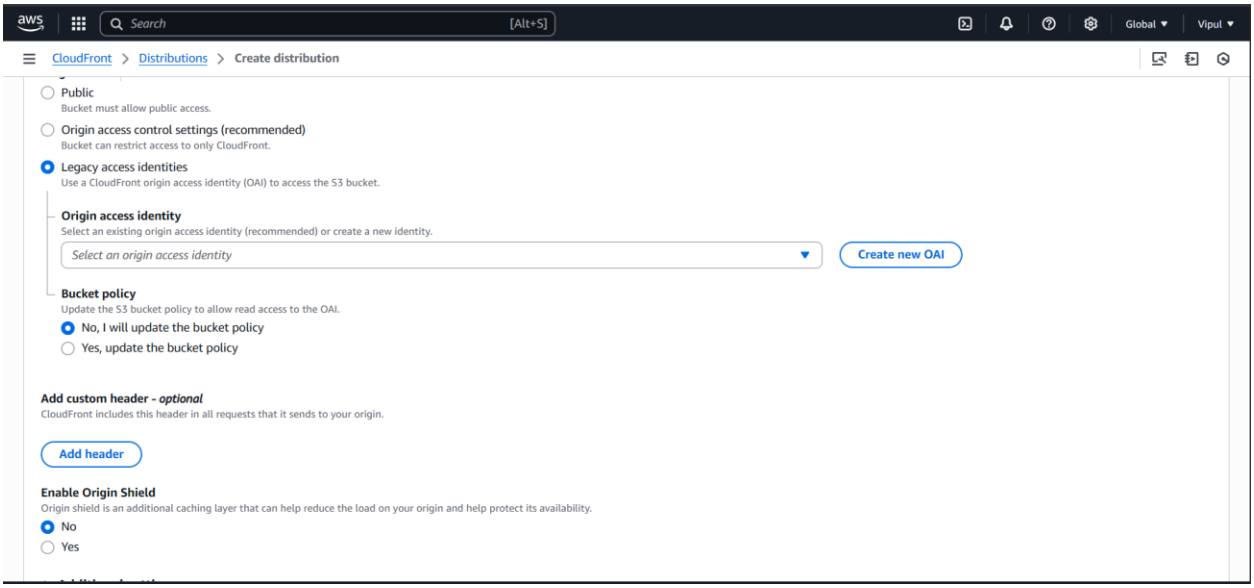
7. Now let's create a cloud front. Create a cloud front distribution. Now here origin domain the domain from where your data will be rendered



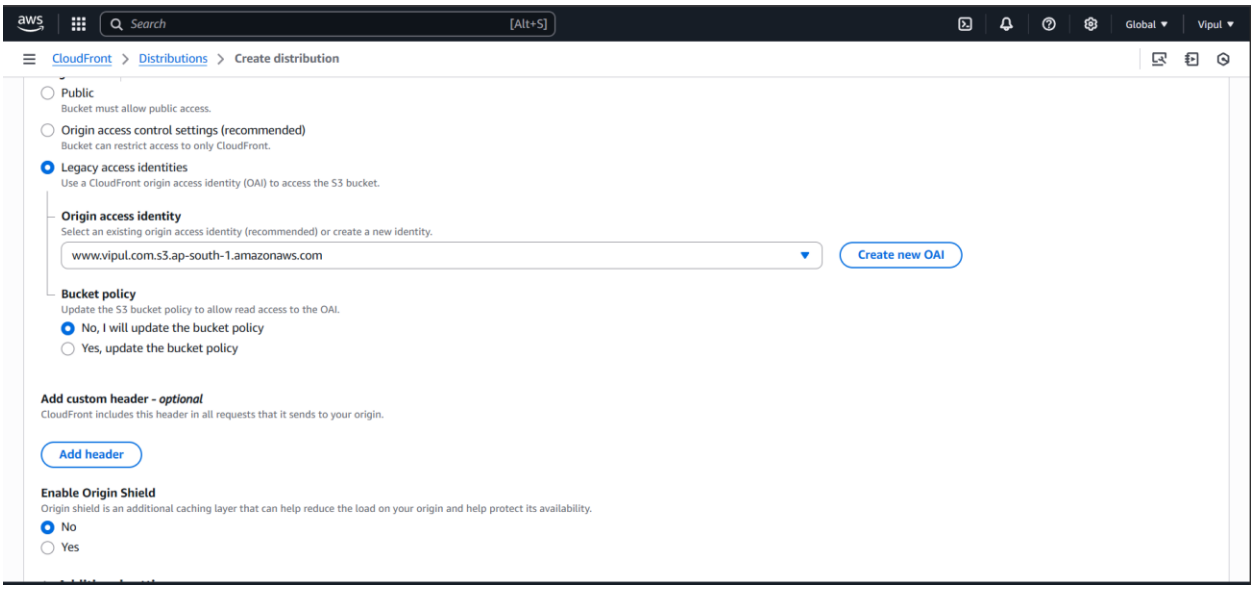
You can see it is showing our S3 bucket.



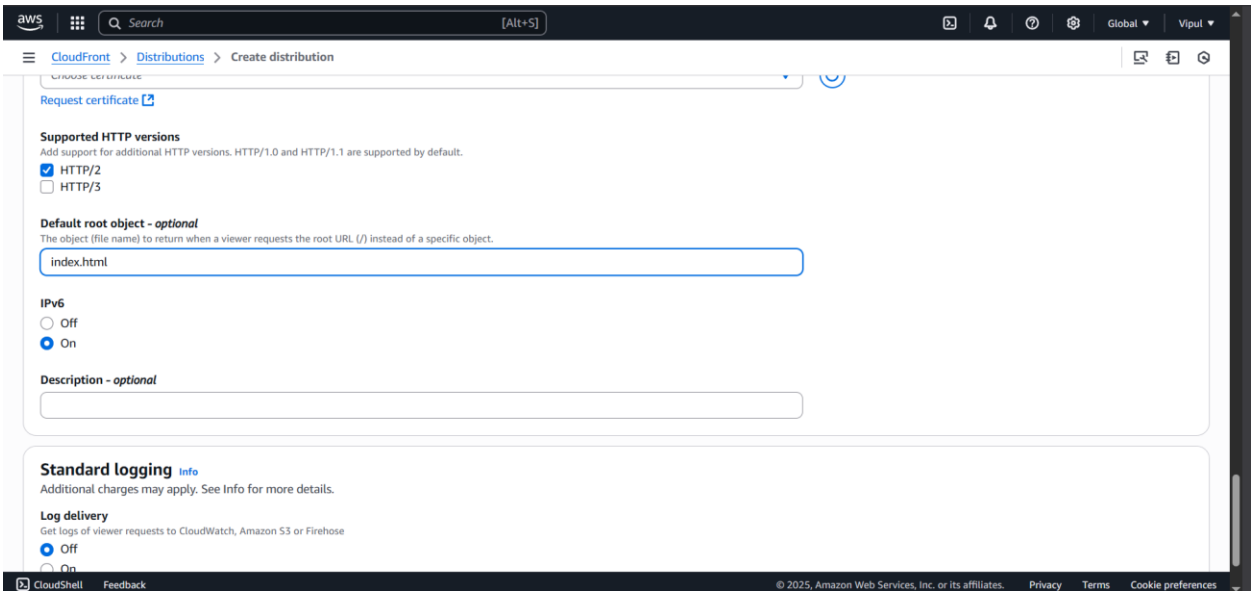
8. Origin access here will be legacy access identities its like we will be creating a user who will be having access to the S3 bucket. It will be a cloud front user.



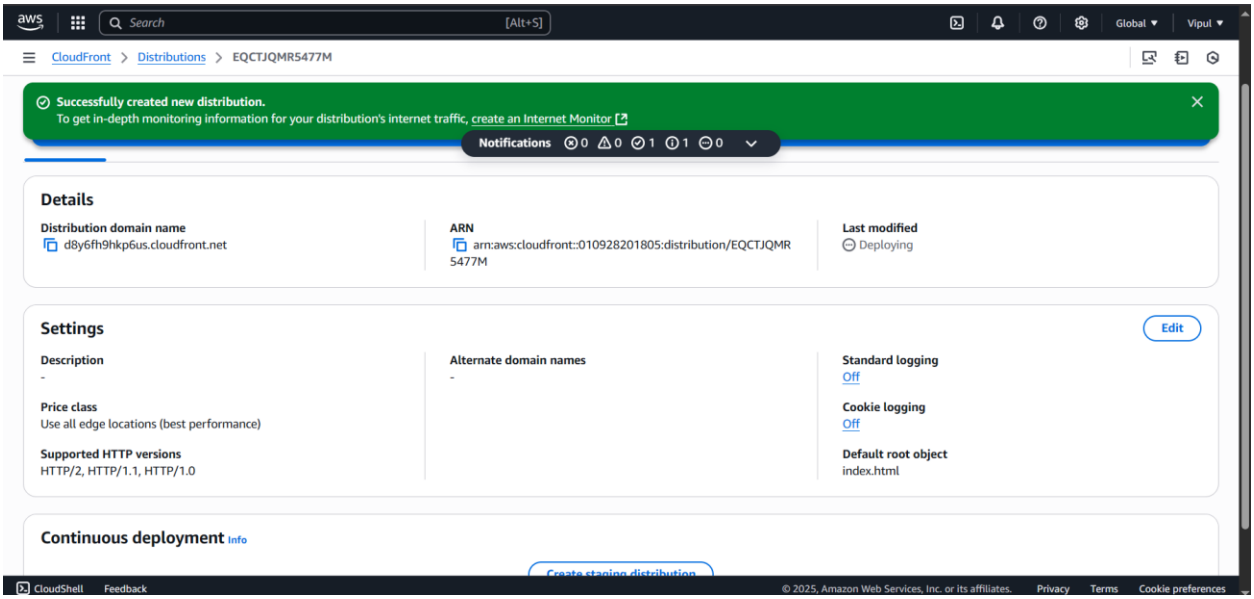
9. Create a new OAI identity which will be having access to your S3 bucket.



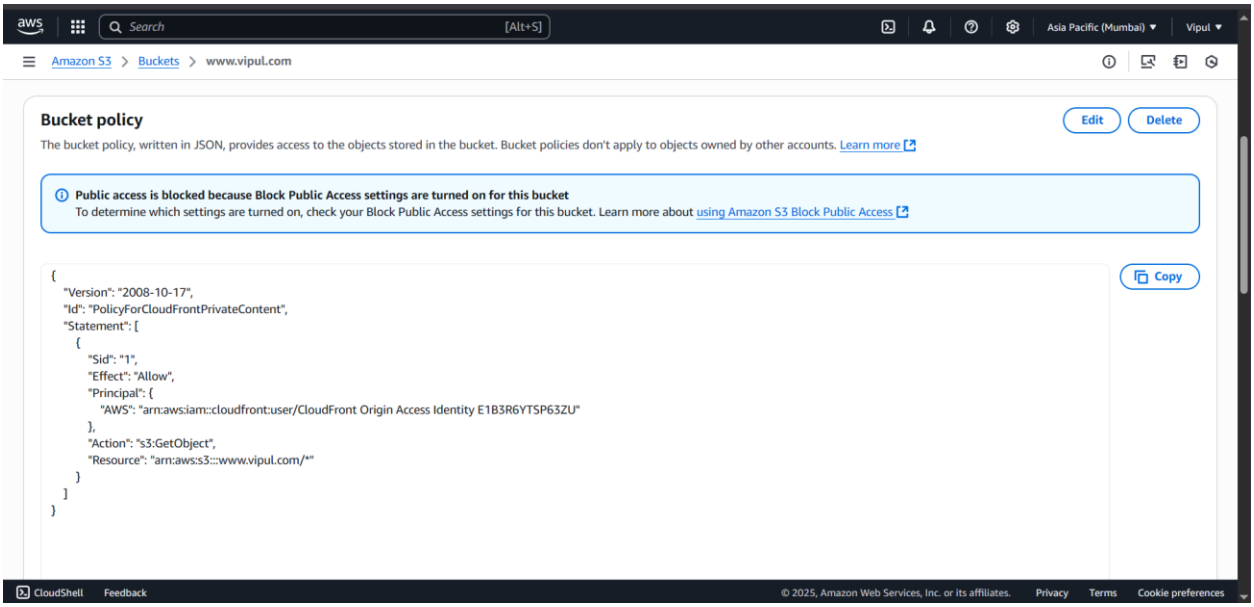
10. Provide the root default object like your landing page.



11. Created the distribution.

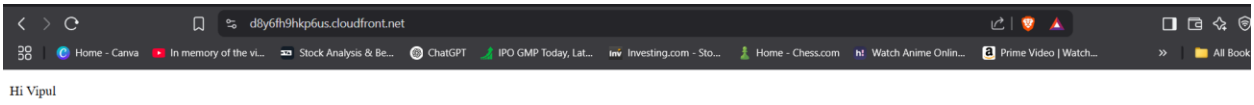


12. Need to create a bucket policy where only these OAI can access the bucket

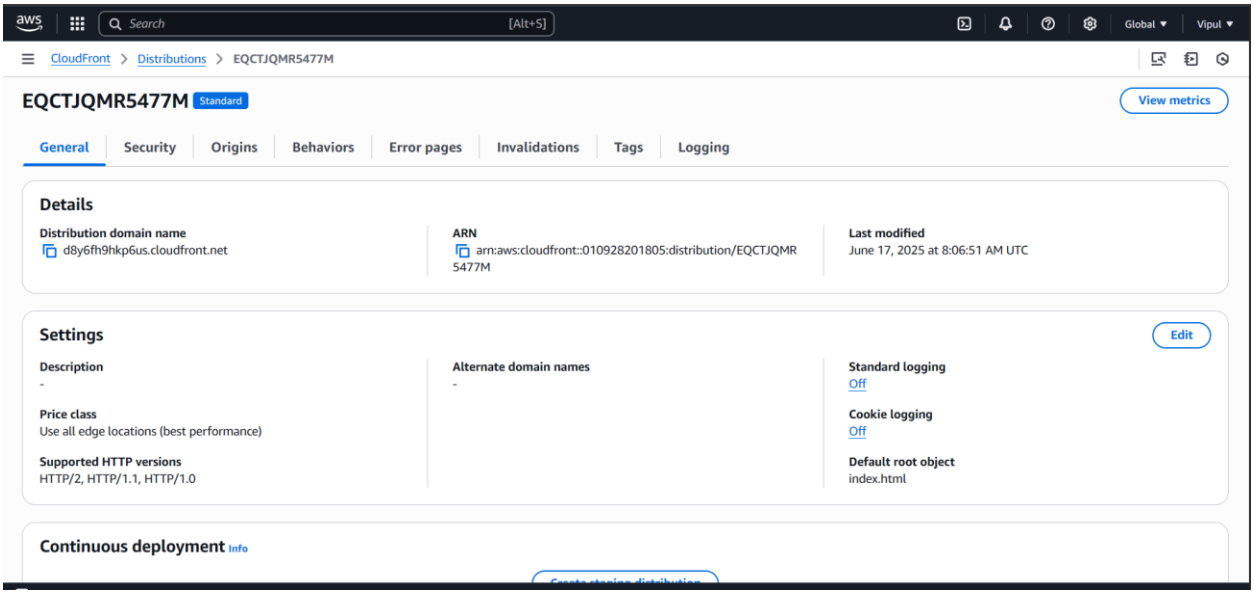


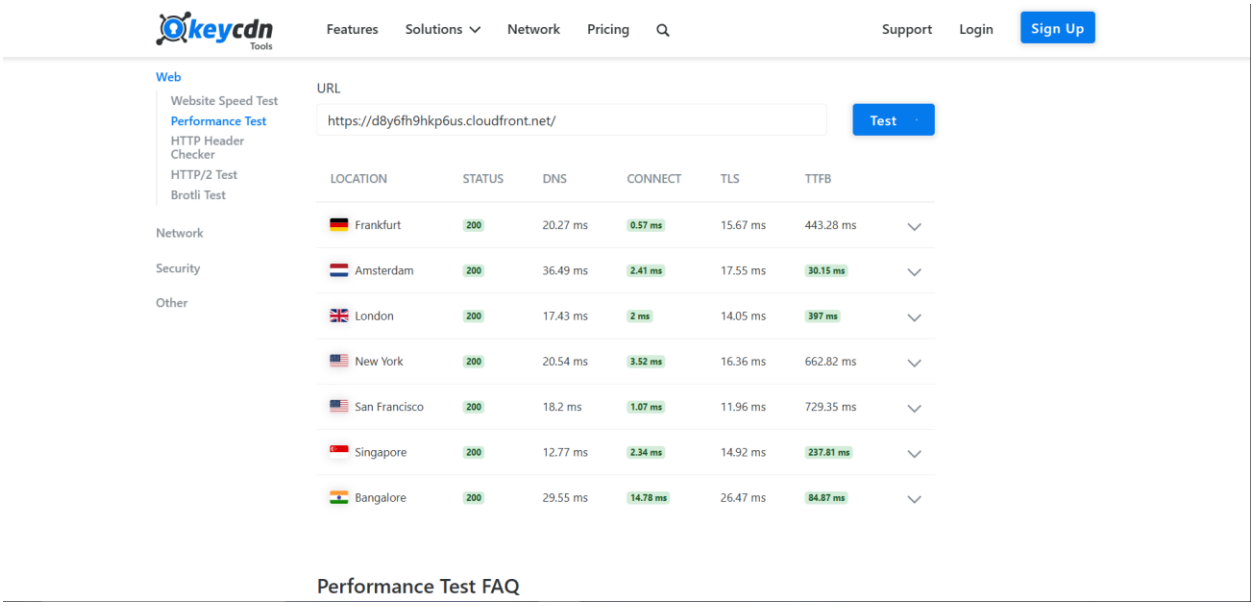
We created the distribution.

Now we can check whether we can access the S3 bucket or using CloudFront.



Hi Vipul





You can test your reachability using this tool.

https://tools.keycdn.com/performance

Hence, we successfully accessed an access the website (S3 Object) using CloudFront.

Conclusion: The outcome of this project is a globally fast, secure, and low-cost website using AWS services (S3 + CloudFront), and the knowledge of deploying production-grade static sites in the cloud.