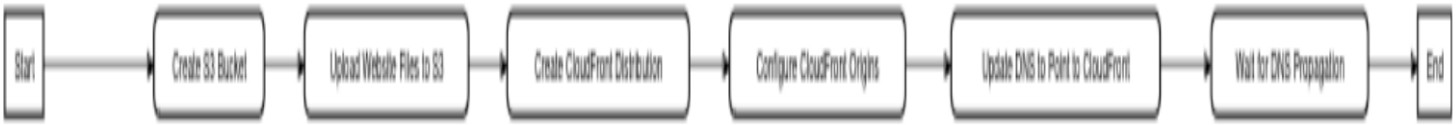
Task: Deploy Website to S3 with CloudFront.

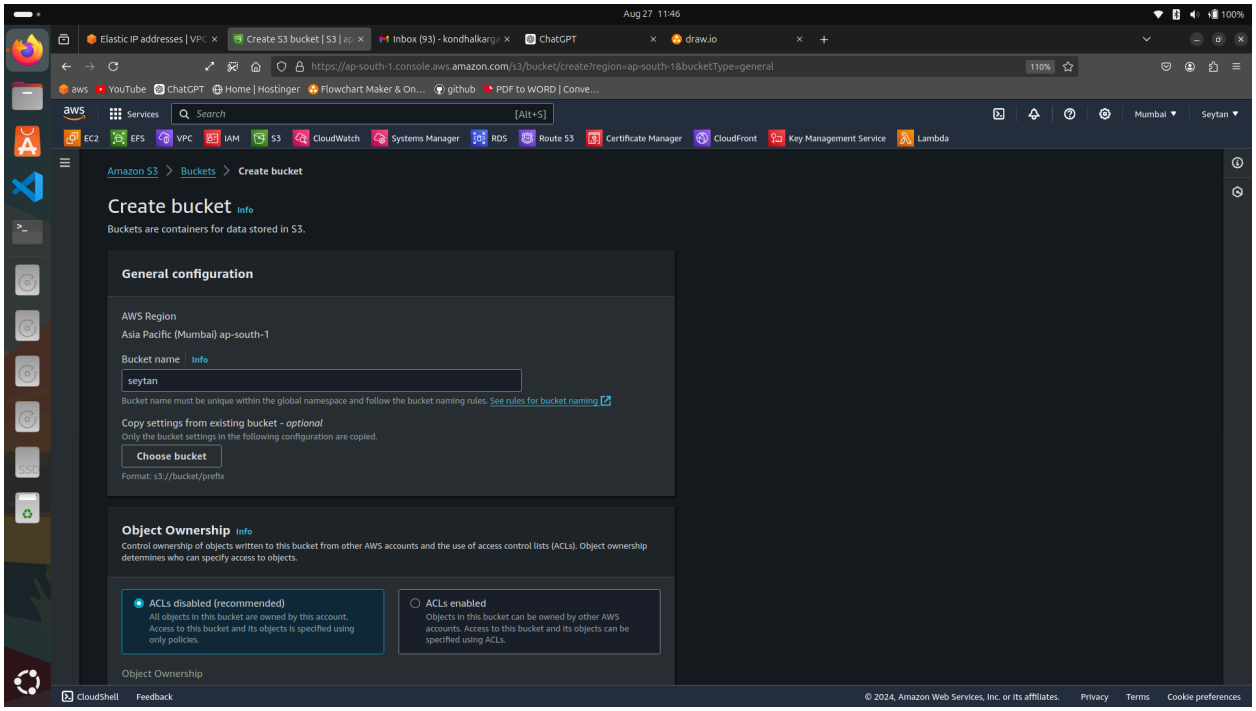
Diagrammatic Representation:



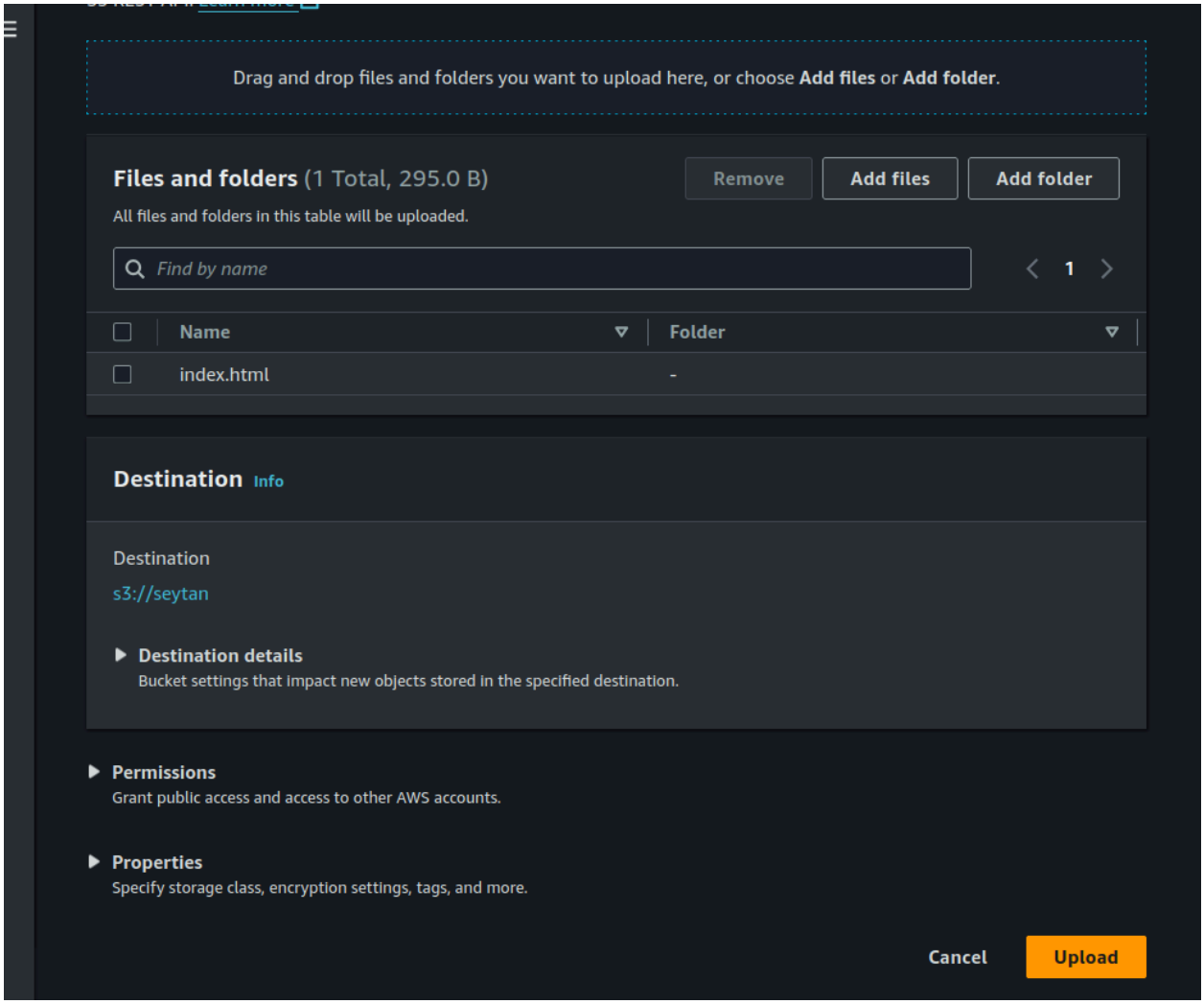
Step 1:Create an S3 Bucket.

What is S3?

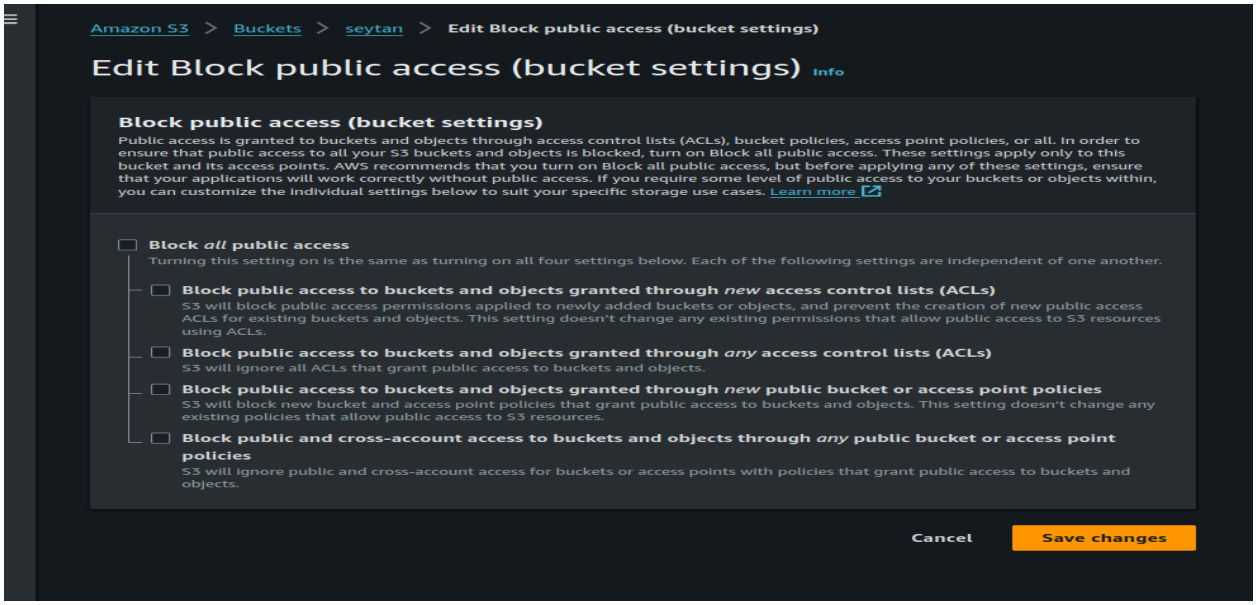
→Amazon S3 (Simple Storage Service) is a scalable cloud storage service from AWS for storing and retrieving any amount of data. It provides high durability, availability, and security for data storage needs.



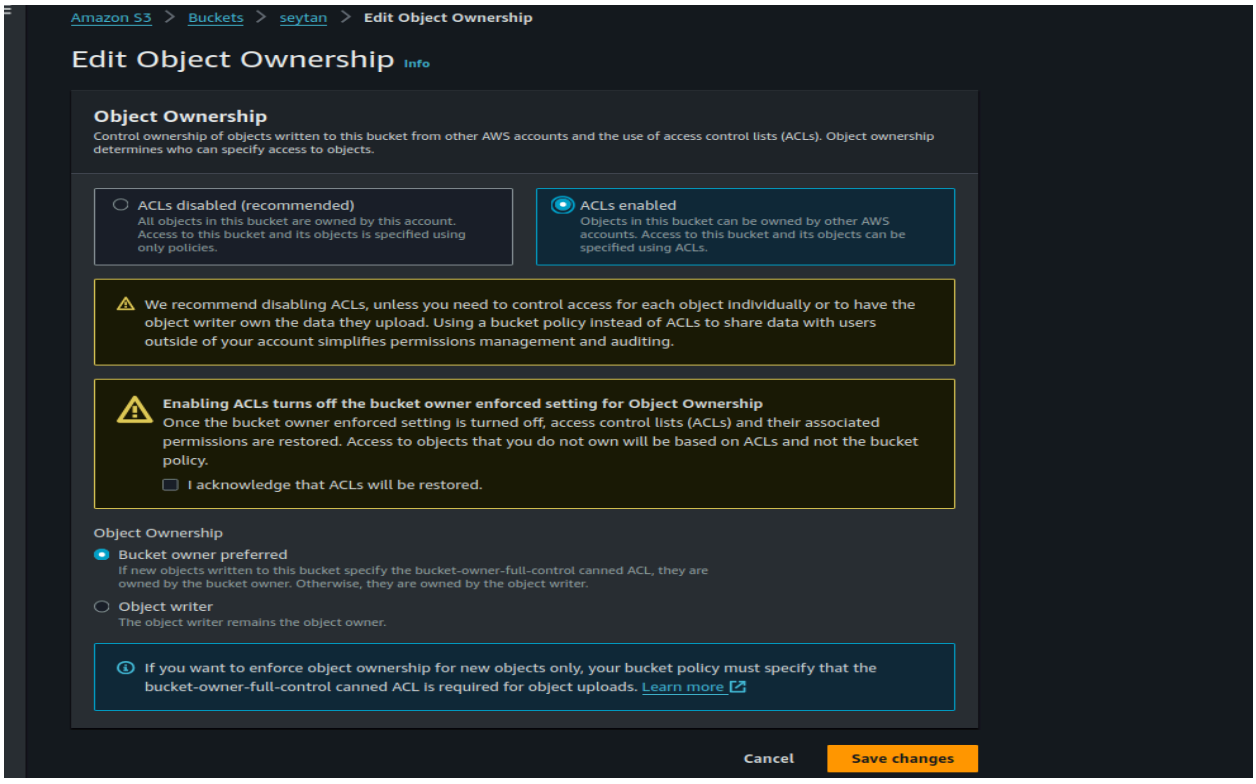
Step 2: Upload Webpage File i.e index.html to S3 bucket.



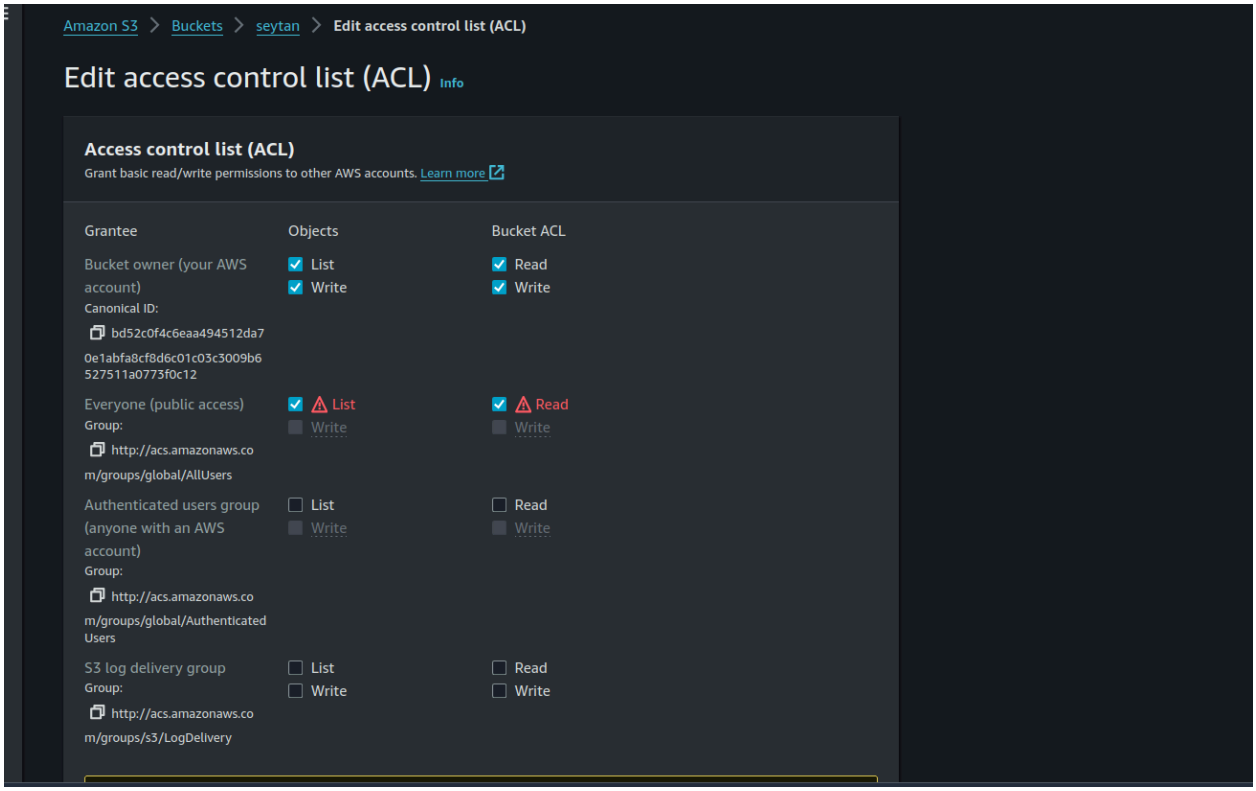
Step 3: Now Go to the Permission tab of S3 bucket and uncheck the block public access.



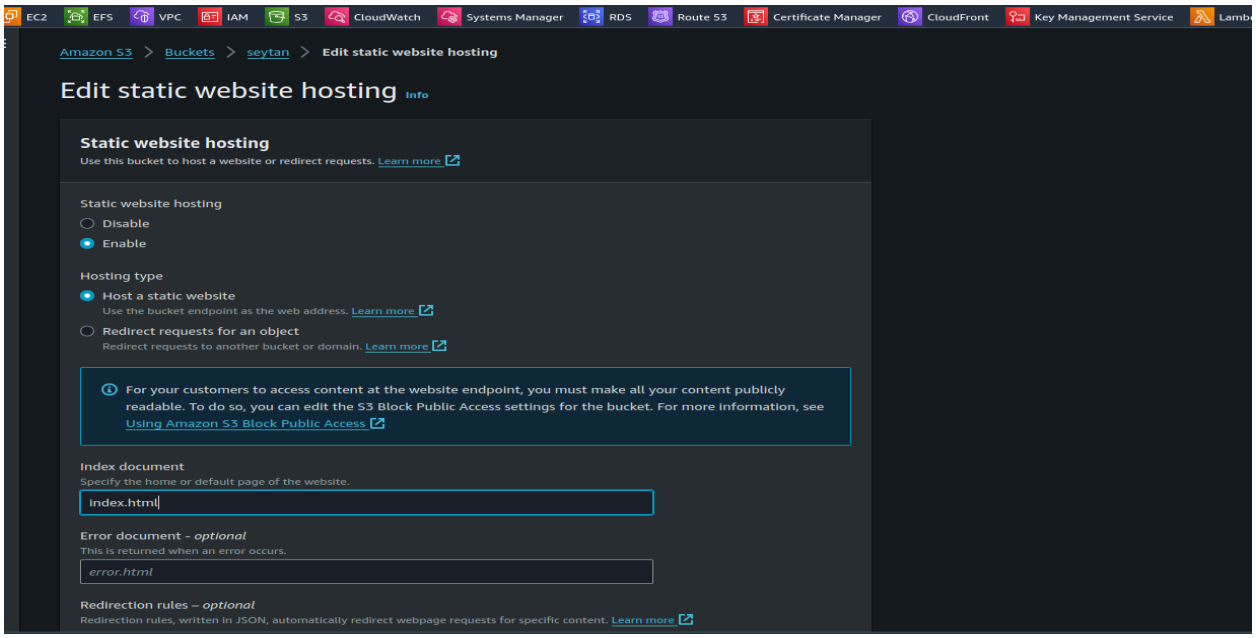
Step 4: Now in same permission tabs select the edit object ownership and make it ACLs enabled.



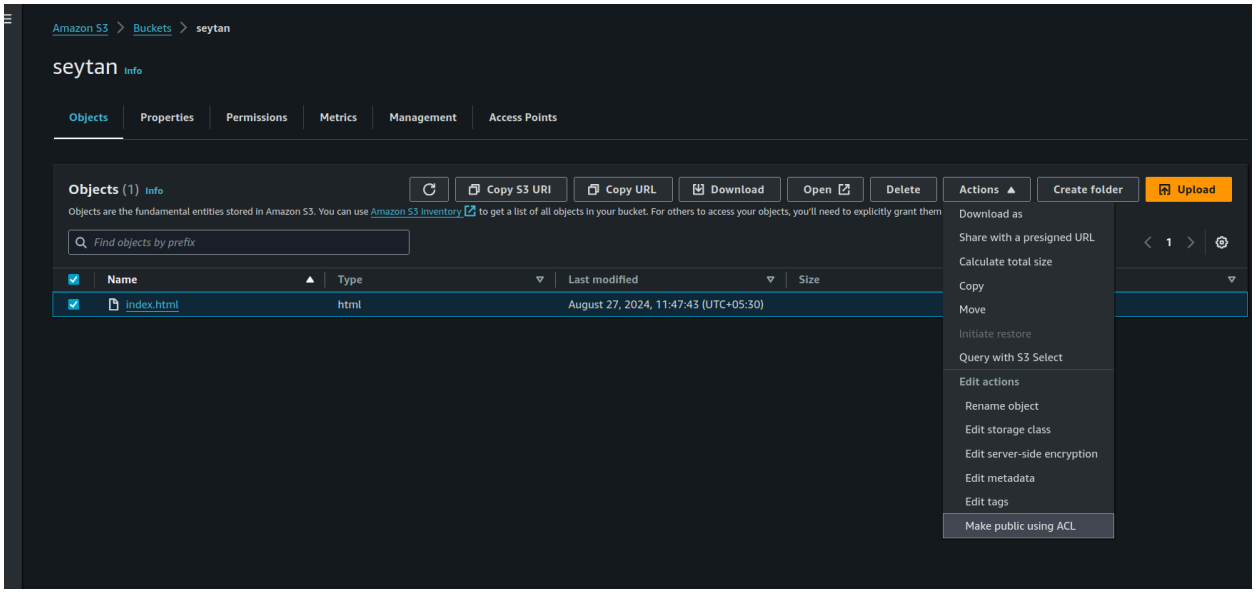
Step 5: Now change the permission for ACL. In this allow the everyone (public access to list and read).



Step 6: Now go to the Properties tab of bucket and at the end enable the static website hosting and give index.html as default page.

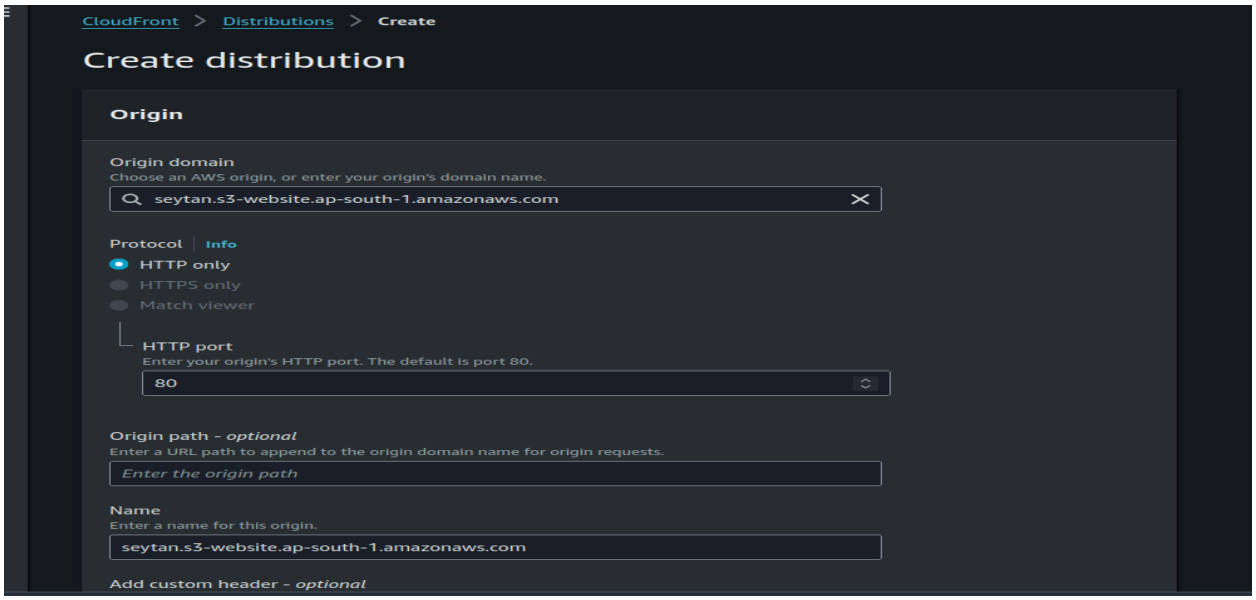


Step 7: Now select the object and click on actions tab. In this select the last option make public using ACL and enable it .

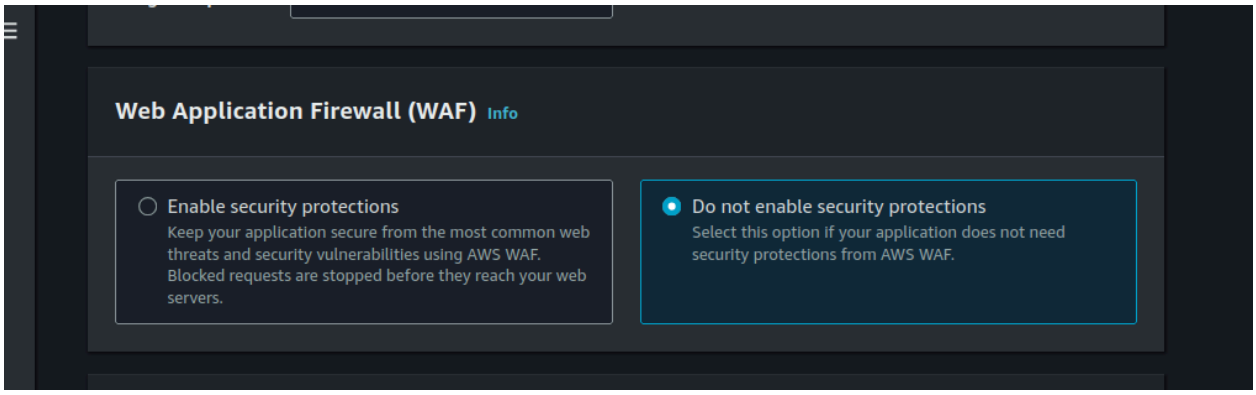


Step 8: Now create a Distribution in CloudFront using s3 as origin Domain.

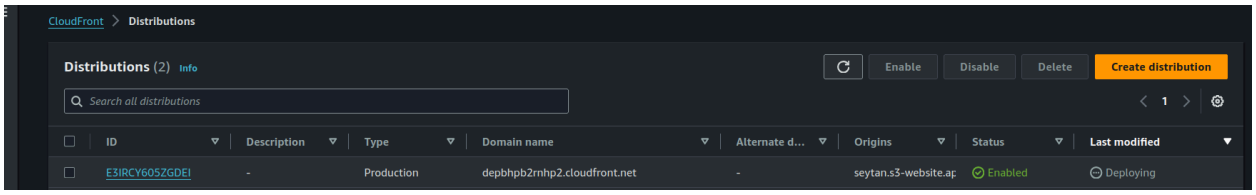
What is CloudFront ?→Amazon CloudFront is a content delivery network (CDN) service from AWS that speeds up the delivery of web content by distributing it to edge locations closer to users. It enhances performance and reduces latency for delivering websites, APIs, and media content.



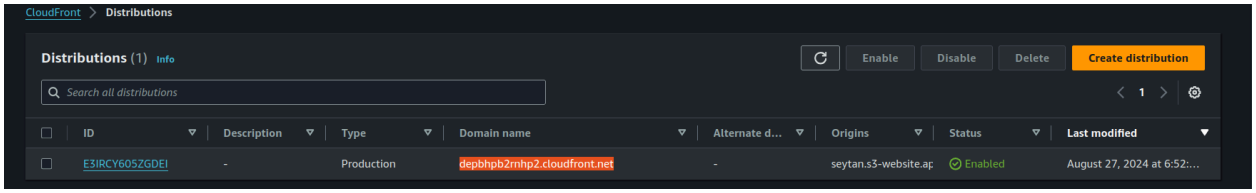
Select the WAF to do not enable as we dont need this now.



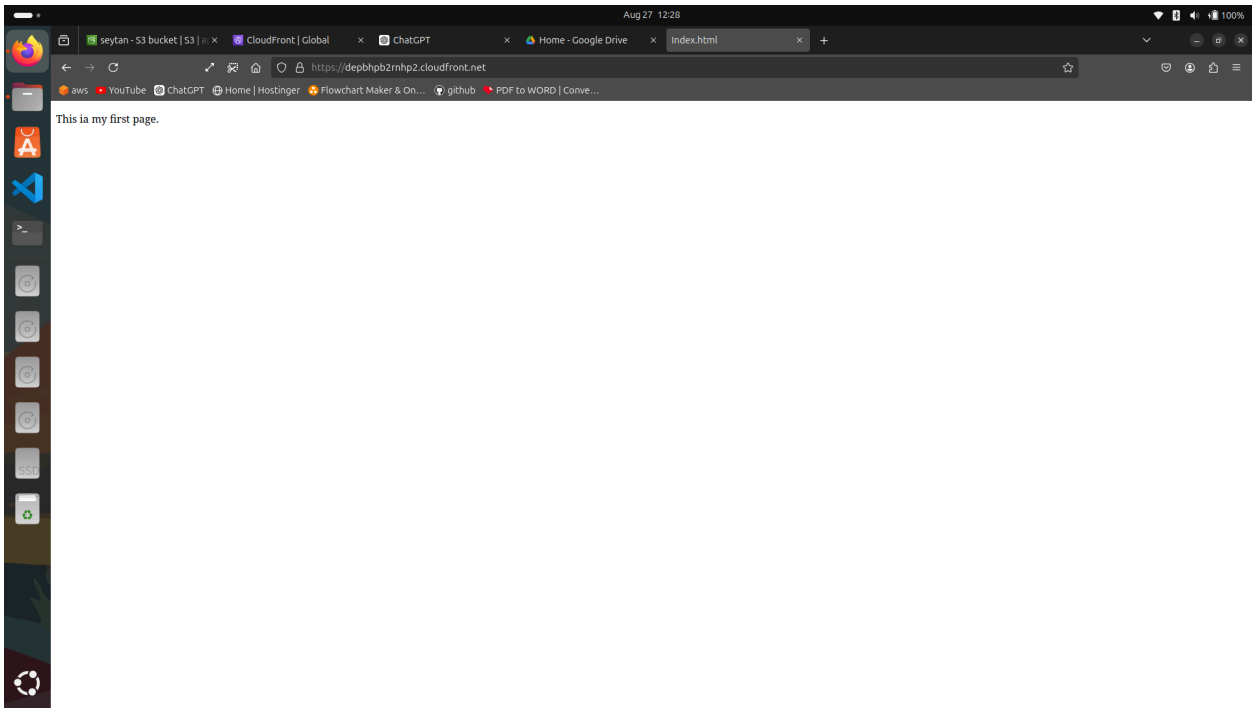
Step 9: Wait till the deploying changes from to a particular time of deployed.



Step 10: After The Last Modified Changes from deploying to a time it copy the dns and paste it in the browser.



Output:


Aug 27 12:28
100%
seytan - S3 bucket | S3 |
CloudFront | Global
ChatGPT
Home - Google Drive
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aws
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Home | Hostinger
Flowchart Maker & On...
github
PDF to WORD | Conve...
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