Serving a static Website which is Uploaded in S3 through CDN and route 53

Summary

1.Host a static website in S3

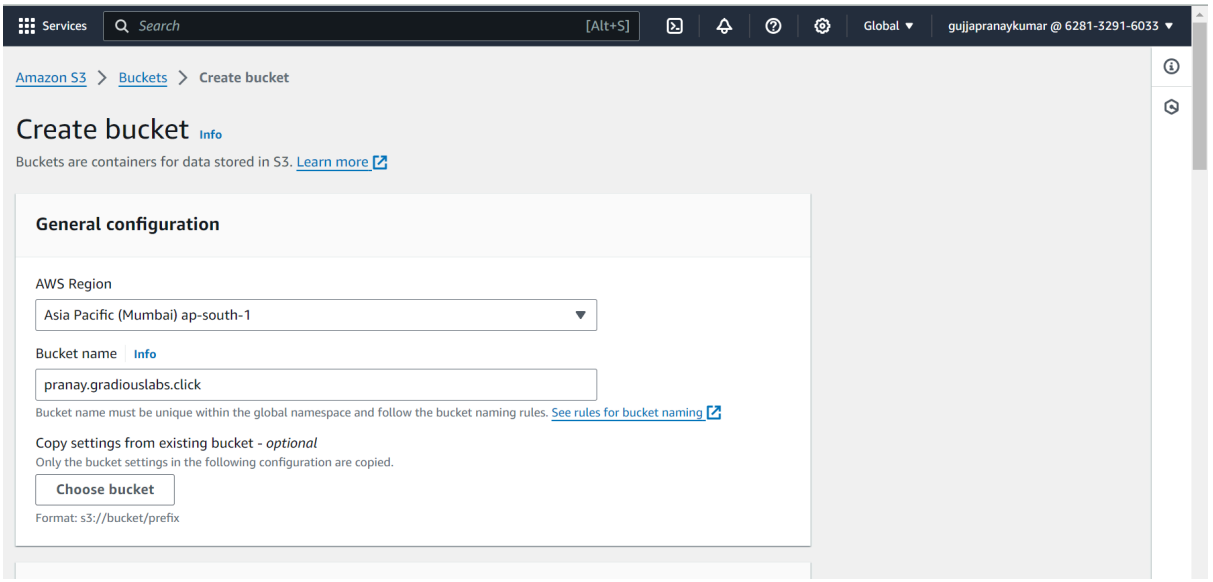
2.Buy a SSL certificate for your subdomain(us-east-1)

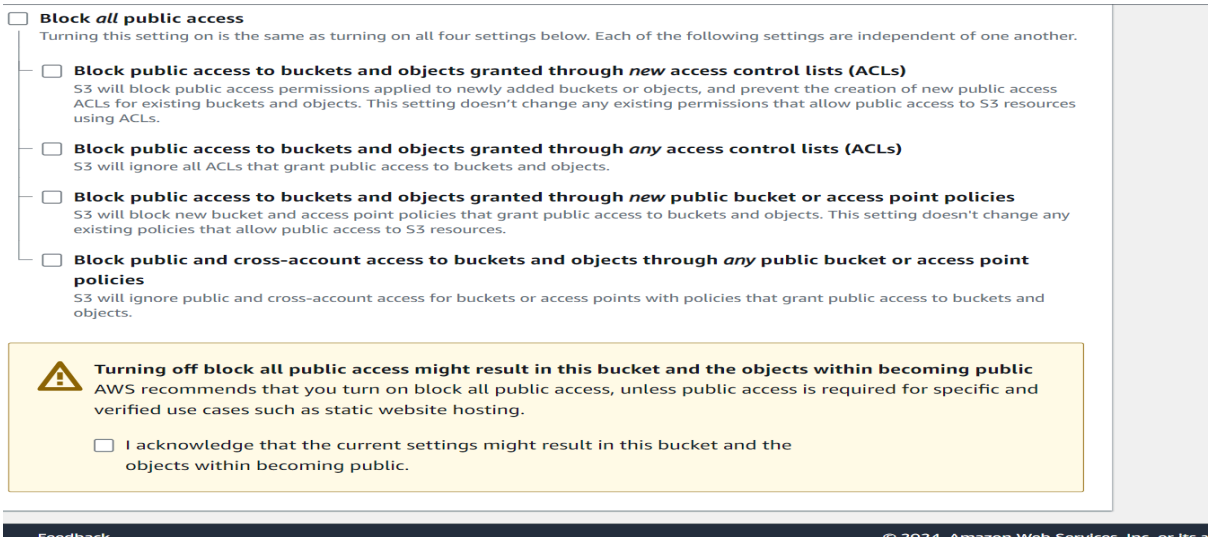
3.Map your S3 domain name in CDN and choose your certificate there

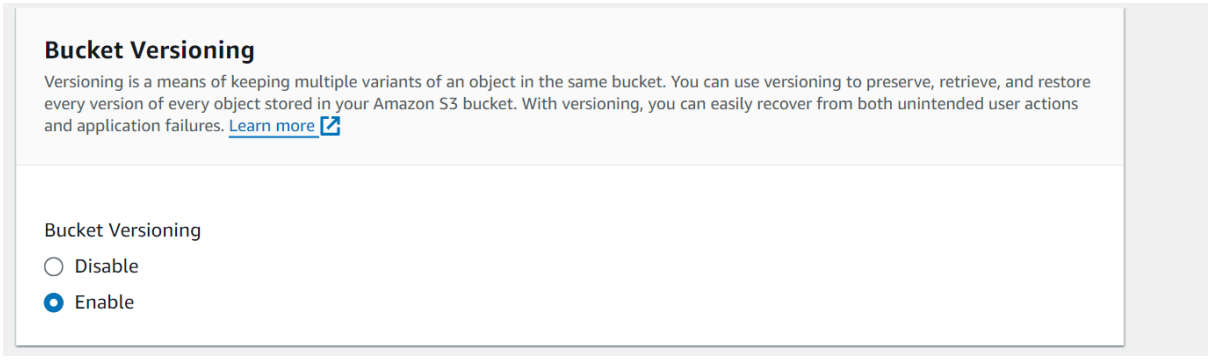
4.Create a subdomain in Route 53 and map your CDN against the subdomain

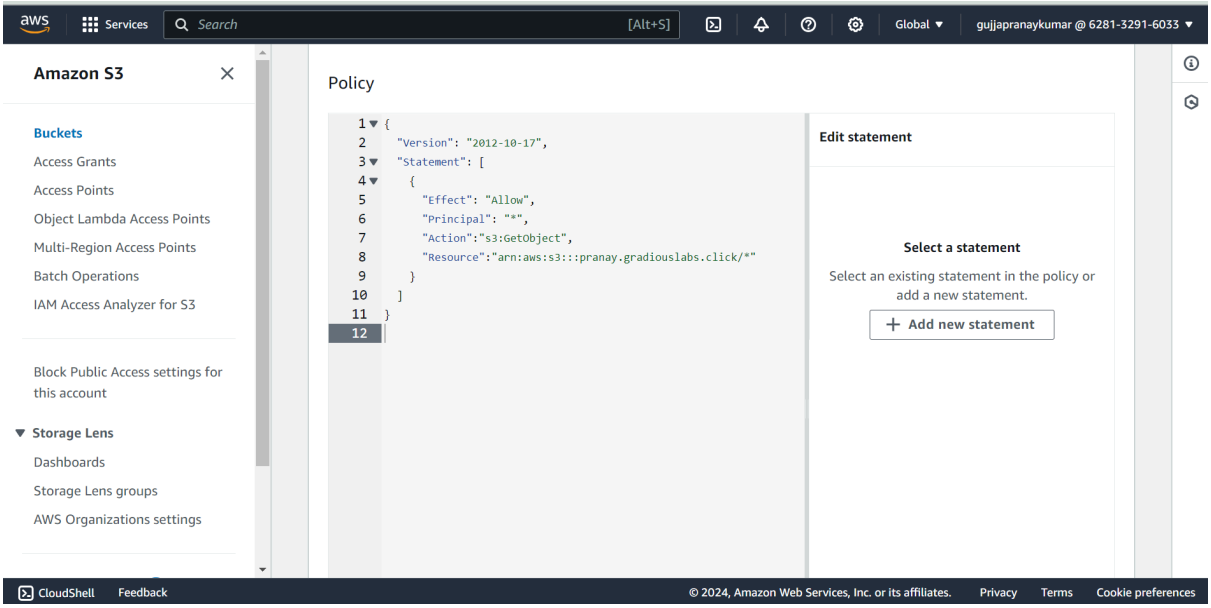
Host a static website in S3
Note: GIve bucket name as subdomain name which you want to create (eg:john.gradiouslabs.click)

1.Go to S3 and create a bucket, Choose your region, ACLs disabled and allow public access, Bucket versioning enable and leave the rest as default
A:

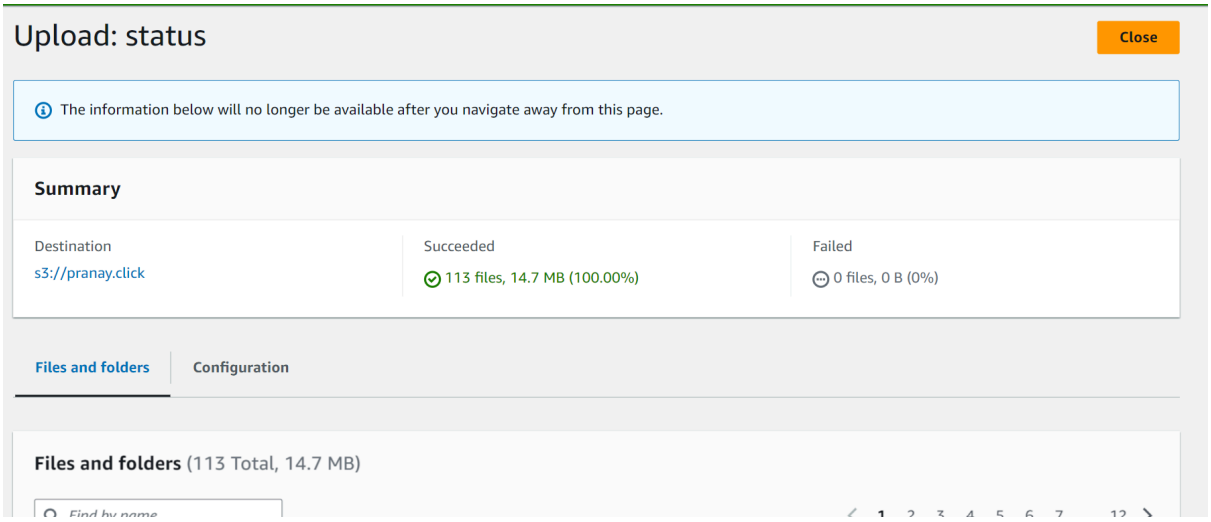








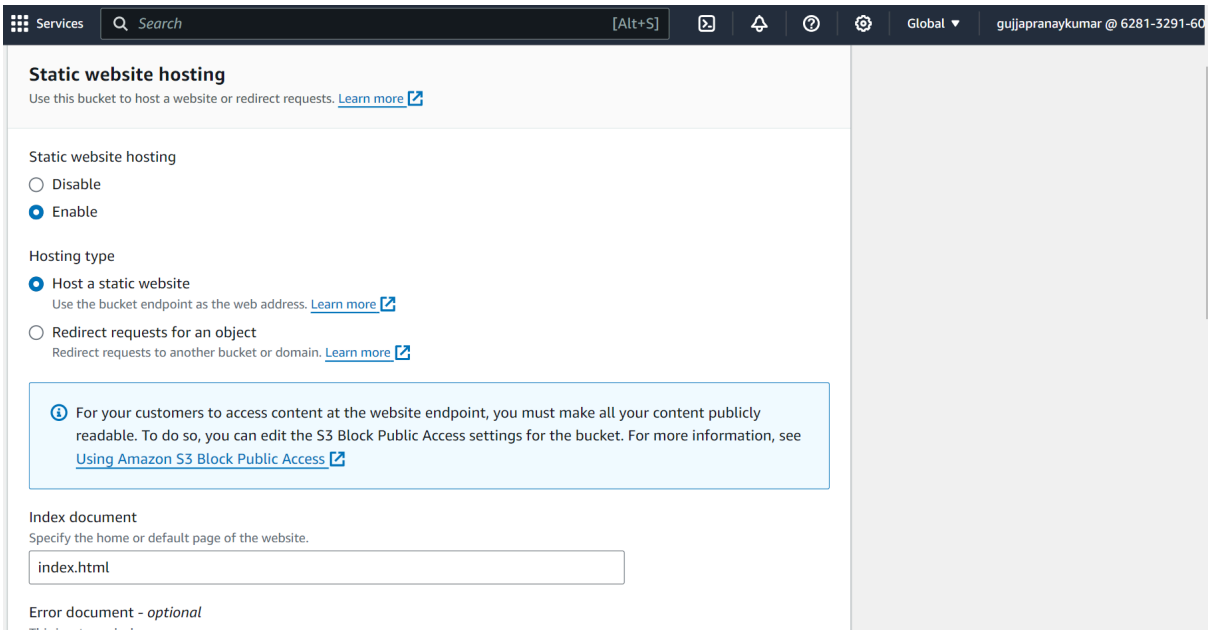
2.Extract the below file and upload it to your s3 bucket
Squadfree.zip
A:



3.Go to bucket -> properties -> static website hosting -> Enable, and give html file name and save

4.Grap the url and access it in the browser

A:

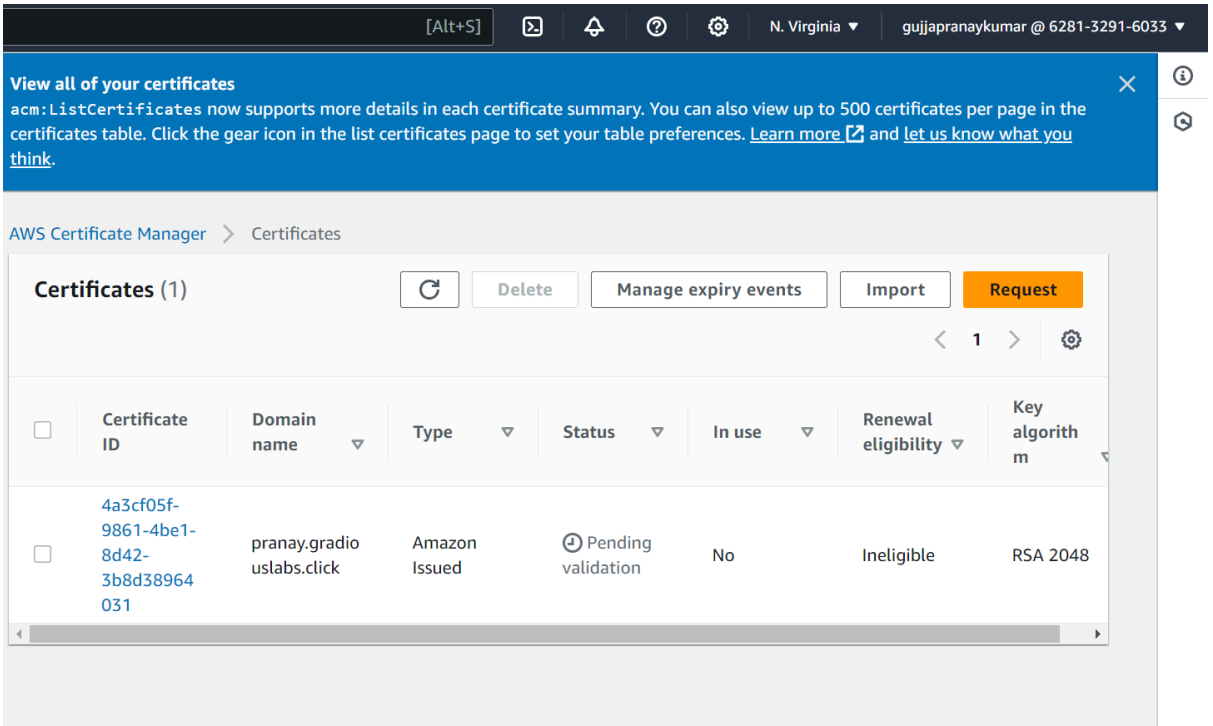


Buy SSL certificate for your subdomain(us-east-1)

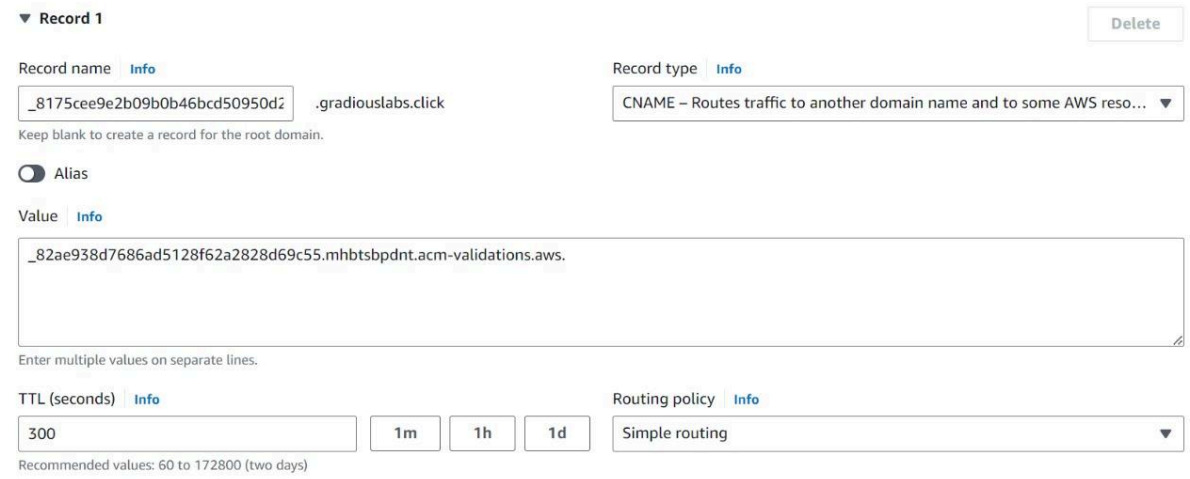
1.Navigate to aws certificate Manager -> request certificate and give your domain name eg(john.gradiouslabs.click)

2.Leave everything else default

A:



3.Create a record for route 53
A:



Creating Cloudfront Distribution

1.Navigate to cloudfront, create Distribution

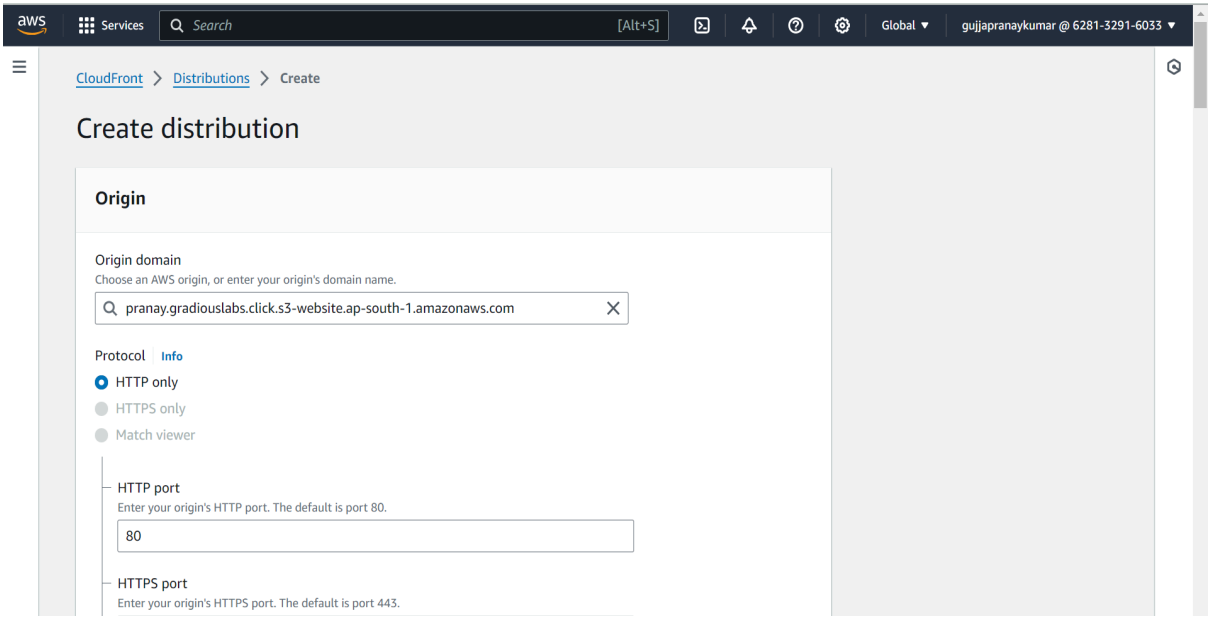
2.Click Use website endpoint option

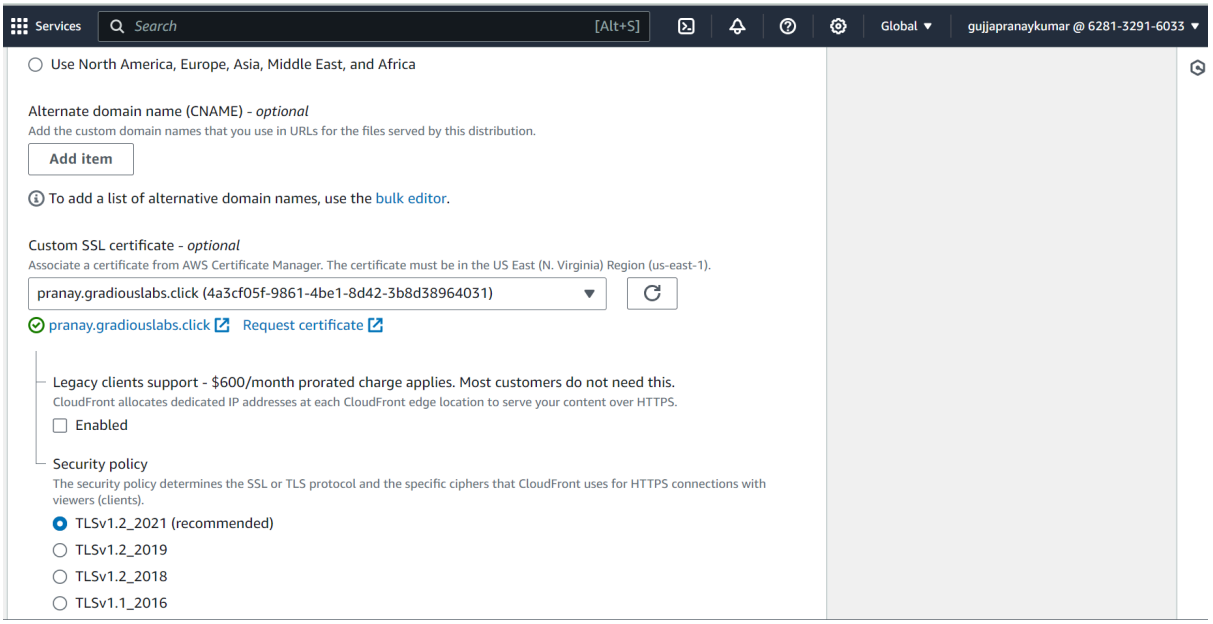
3.Leave protocol as http

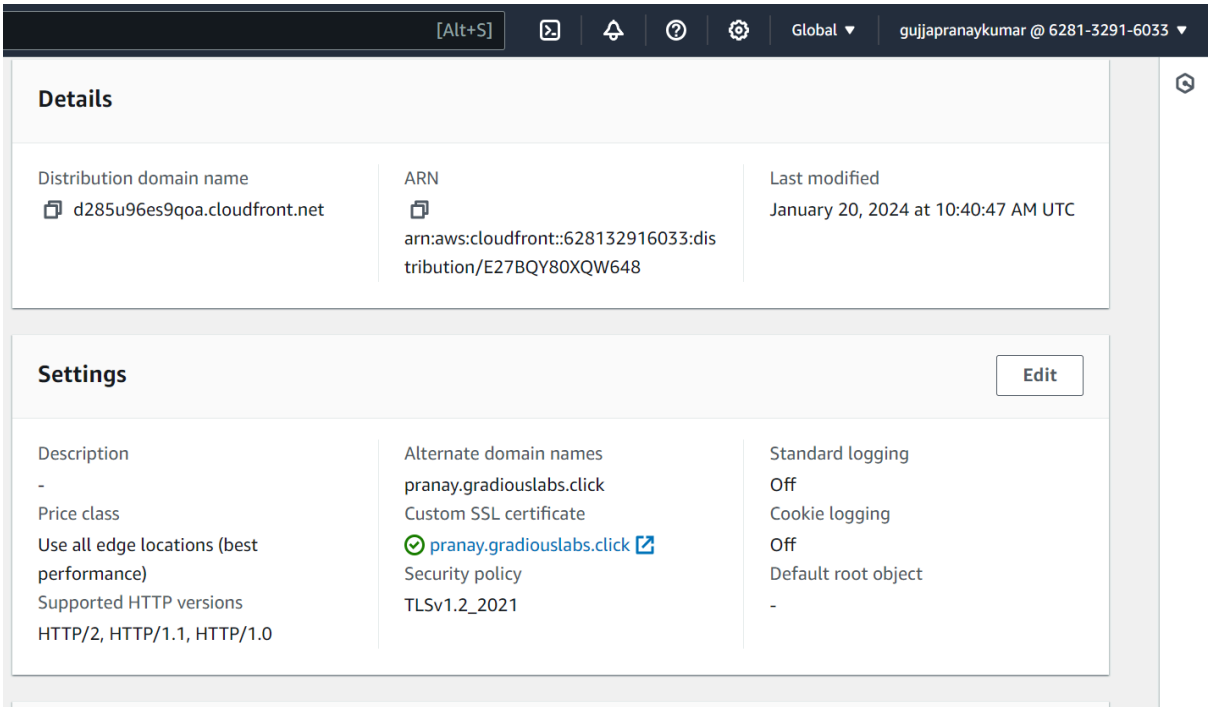
4.Choose your SSL certificate in Settings and give your domain name in alternate domain name

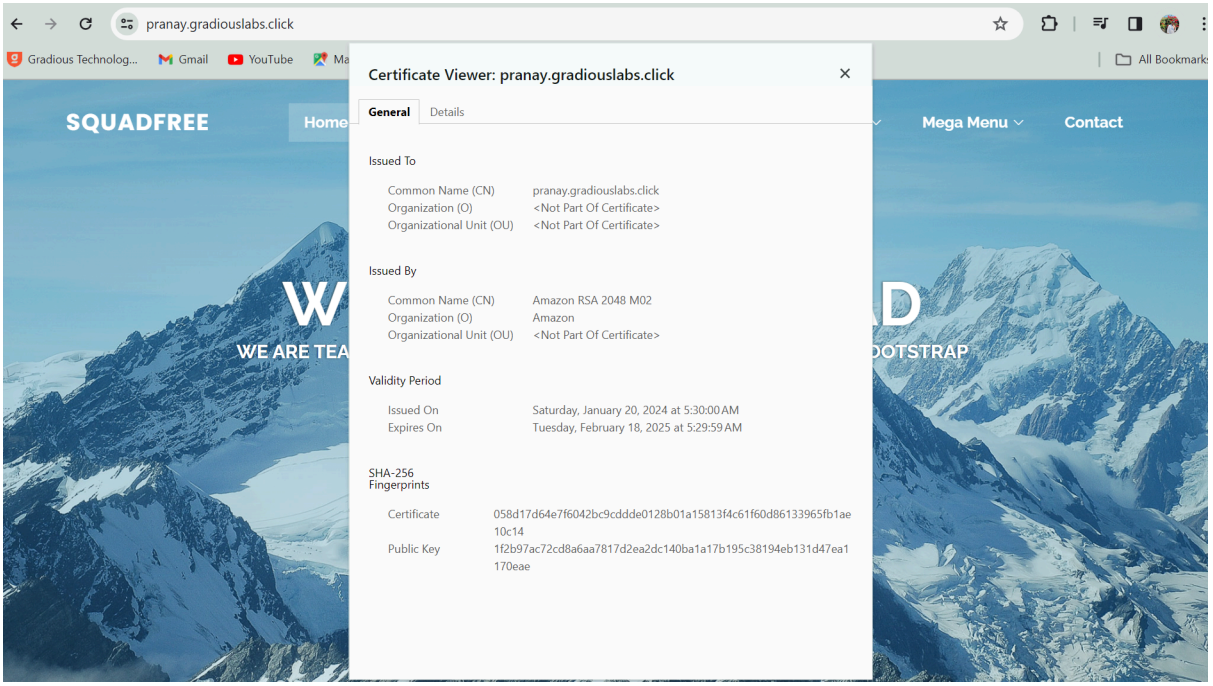
5.Click create Distribution

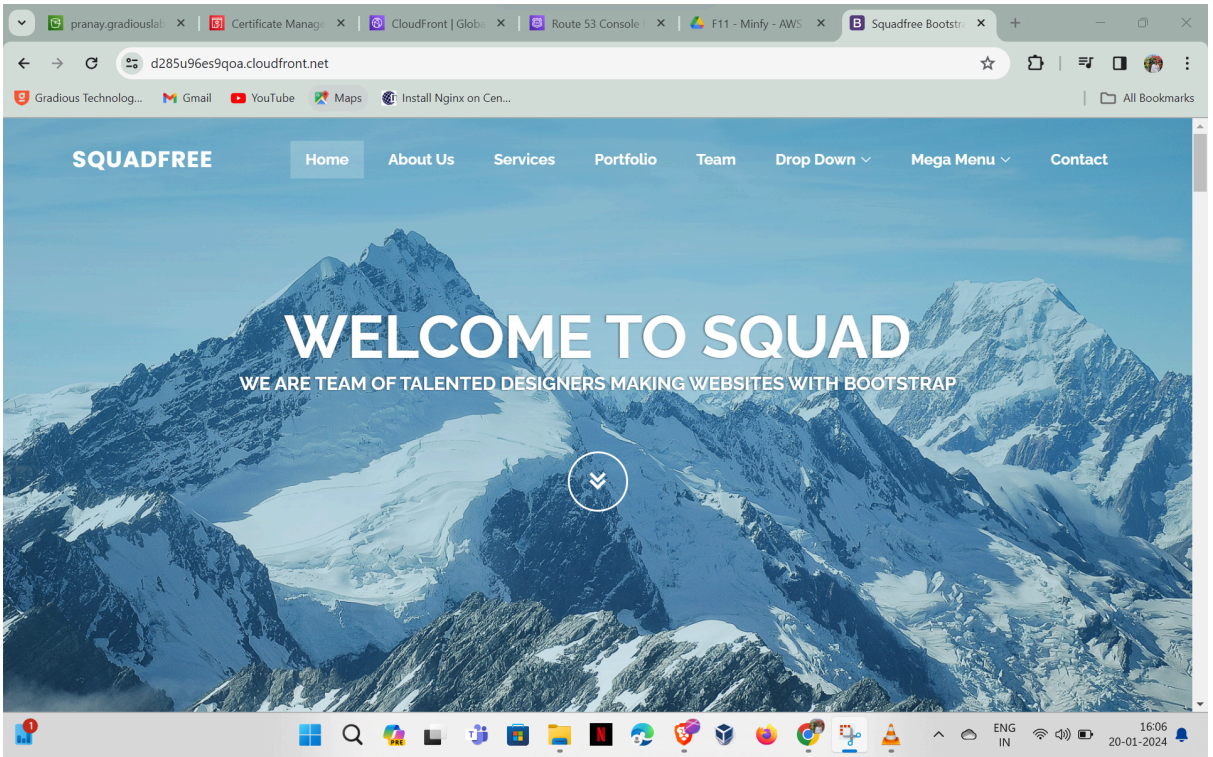
6.Go to your Cloudfront Distribution and copy your CDN Domain name and access it in Browser
A:




Services
Search
[Alt+S]
Global
gujjapranaykumar @ 6281-3291-6033
Use North America, Europe, Asia, Middle East, and Africa
Alternate domain name (CNAME) - optional
Add the custom domain names that you use in URLs for the files served by this distribution.
Add item
To add a list of alternative domain names, use the bulk editor.
Custom SSL certificate - optional
Associate a certificate from AWS Certificate Manager. The certificate must be in the US East (N. Virginia) Region (us-east-1).
pranay.gradiouslabs.click (4a3cf05f-9861-4be1-8d42-3b8d38964031)
pranay.gradiouslabs.click
Request certificate
Legacy clients support - $600/month prorated charge applies. Most customers do not need this.
CloudFront allocates dedicated IP addresses at each CloudFront edge location to serve your content over HTTPS.
Enabled
Security policy
The security policy determines the SSL or TLS protocol and the specific ciphers that CloudFront uses for HTTPS connections with viewers (clients).
TLSv1.2_2021 (recommended)
TLSv1.2_2019
TLSv1.2_2018
TLSv1.1_2016


[Alt+S]
Global
gujjapranaykumar @ 6281-3291-6033
Details
Distribution domain name
d285u96es9qoa.cloudfront.net
ARN
arn:aws:cloudfront::628132916033:distribution/E27BQY80XQW648
Last modified
January 20, 2024 at 10:40:47 AM UTC
Settings
Edit
Description
-
Price class
Use all edge locations (best performance)
Supported HTTP versions
HTTP/2, HTTP/1.1, HTTP/1.0
Alternate domain names
pranay.gradiouslabs.click
Custom SSL certificate
pranay.gradiouslabs.click
Security policy
TLSv1.2_2021
Standard logging
Off
Cookie logging
Off
Default root object
-


pranay.gradiouslabs.click
Gradious Technolog...
Gmail
YouTube
Certificate Viewer: pranay.gradiouslabs.click
General
Details
Issued To
Common Name (CN) pranay.gradiouslabs.click
Organization (O) <Not Part Of Certificate>
Organizational Unit (OU) <Not Part Of Certificate>
Issued By
Common Name (CN) Amazon RSA 2048 M02
Organization (O) Amazon
Organizational Unit (OU) <Not Part Of Certificate>
Validity Period
Issued On Saturday, January 20, 2024 at 5:30:00 AM
Expires On Tuesday, February 18, 2025 at 5:29:59 AM
SHA-256 Fingerprints
Certificate 058d17d64e7f6042bc9cddde0128b01a15813f4c61f60d86133965fb1ae10c14
Public Key 1f2b97ac72cd8a6aa7817d2ea2dc140ba1a17b195c38194eb131d47ea1170eae
SQUADFREE
Home
Mega Menu
Contact


d285u96es9qoa.cloudfront.net
Gradious Technolog...
Gmail
YouTube
Maps
Install Nginx on Cen...
All Bookmarks
SQUADFREE
Home
About Us
Services
Portfolio
Team
Drop Down
Mega Menu
Contact
WELCOME TO SQUAD
WE ARE TEAM OF TALENTED DESIGNERS MAKING WEBSITES WITH BOOTSTRAP
ENG
IN
16:06
20-01-2024