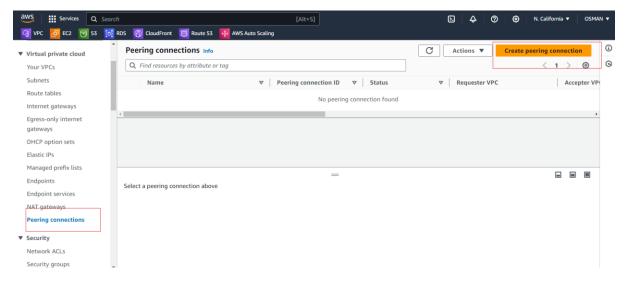
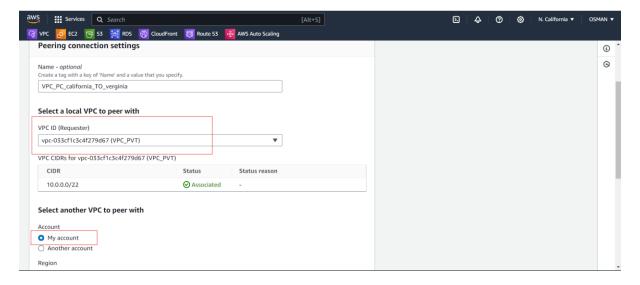
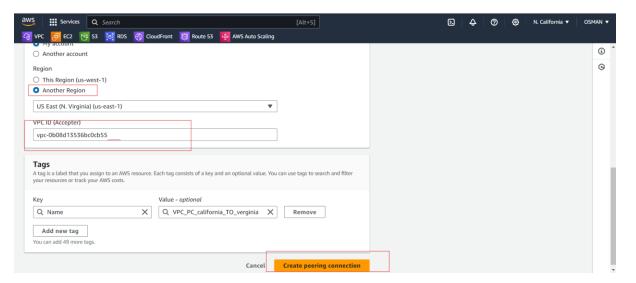
- 1) Configure VPC peering in cross regions.
- First you have to Login into the AWS.
- Search for the VPC.
- Click on peering connections and click on create peering connection.



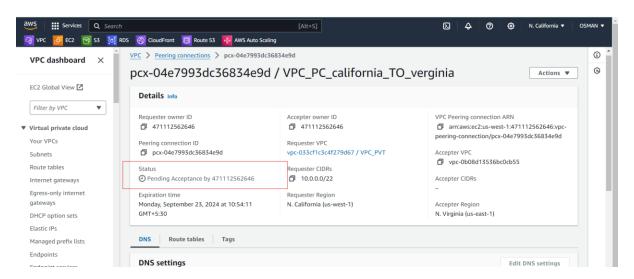
- Give Name:
- VPC ID(requester) ---- select VPC
- Account --- here you want select Account with in the account VPC or another account like we want select.



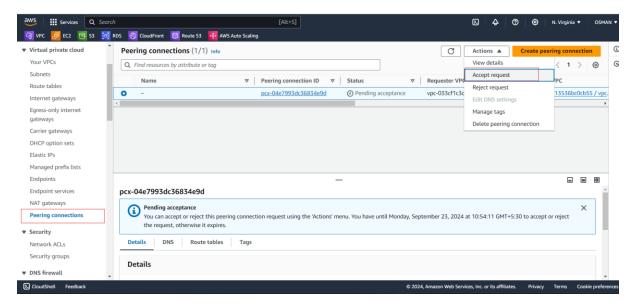
- After that select the region and give the VPC Id.
- Click on create VPC.



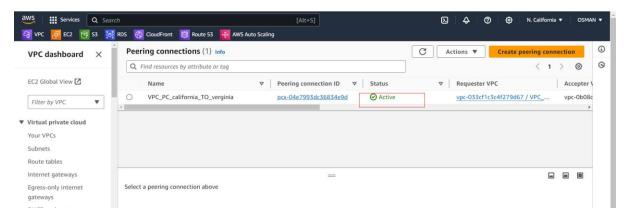
- Now VPC Peering connection status is pending now.
- To activate the status go to the another region and accept the request then status will be active.



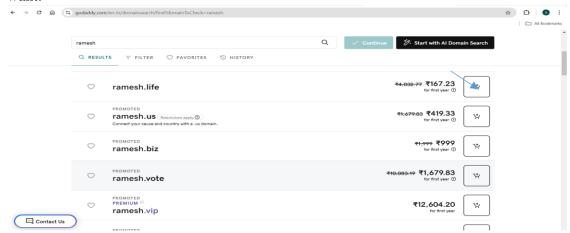
GO to the N.virginia and accept the request.



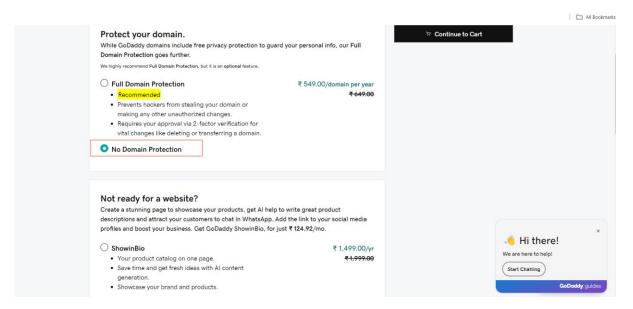
Now Peering connection is active.



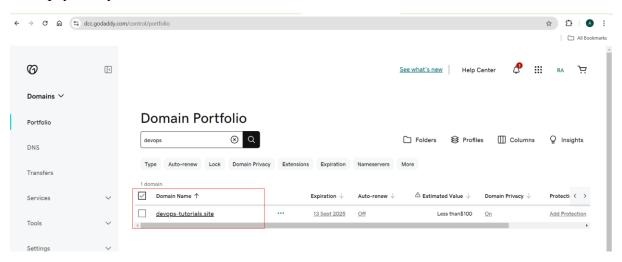
- 2) Purchase one domain from godaddy.
 - To purchase one domain from go daddy. First you need to go the Go daddy website.
 - Then click on the Domain and search for domains and select one domain what you want.



- Now click on continue to cart and here click on no need to protection.
- Desaible the all extra things here and click on the continue chart.
- Next you wiil be redirect the payment page

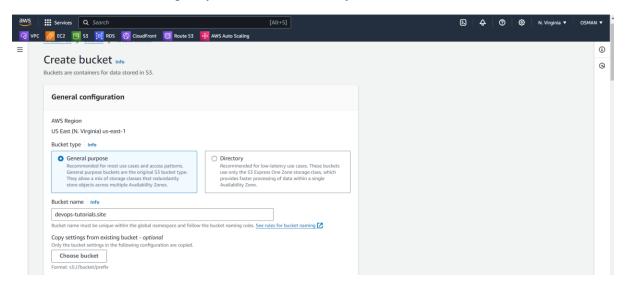


After payment you will revice the domain.

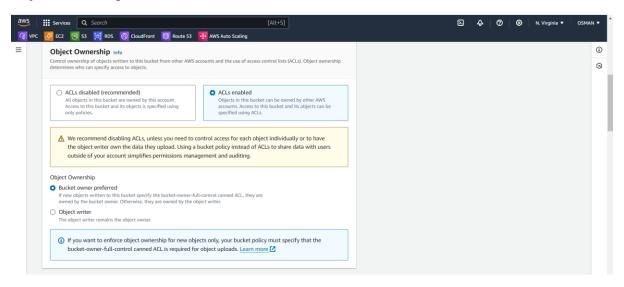


The above task is done.

- 3) Deploy static webiste in s3.
 - Now we have to go the S3 and create one bucket.
 - The bucket name give you domain name only.

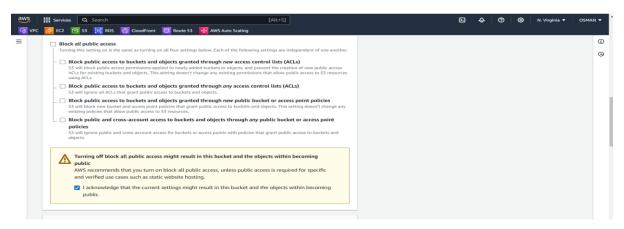


Object ownership --- ACL's Enabled

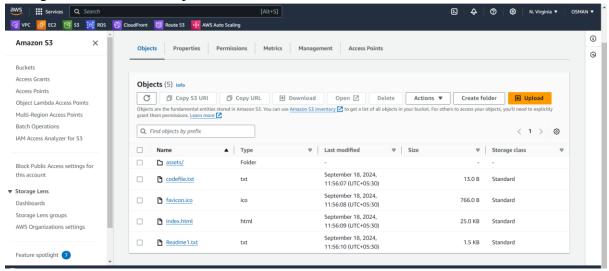


Here below steps follow disable the check box.

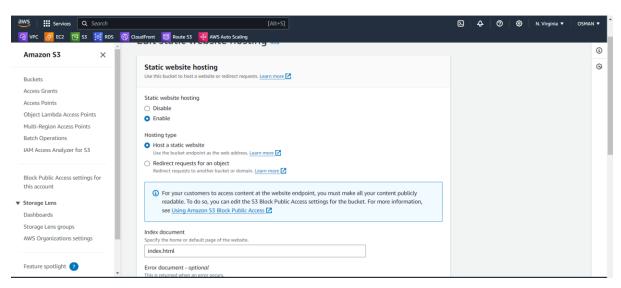
Click on check box ---- I acknowledgement.



- If you want the bucket versioning enable otherwise leave it click on the create bucket.
- Now go to the bucket and upload the files.



Go to the static website hosting enable.



Give the index.html.

And click on the save changes.

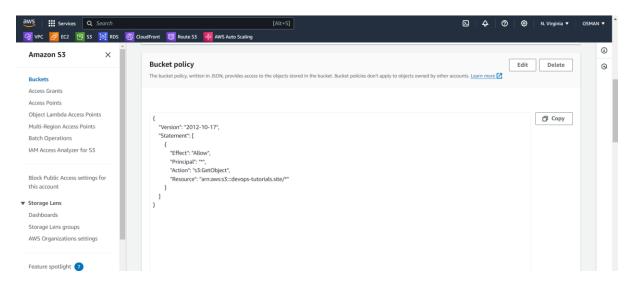
Now try to access the content through static web hosting URL but you facing the issue.

Because we haven't create policy for the all objects.

HostId: EAUtlBpc7/9YRTDu7Kv4wcm8S6TRNX8C4qdQOPXUGIyLlfQvafZJY1n35BPA6mAKDS6eiZERyb4=

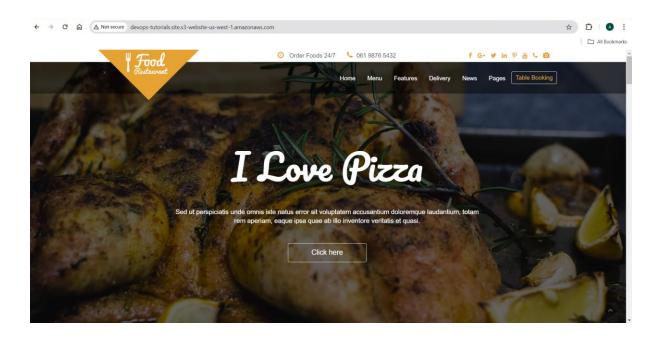


• Go to pemissions and click on the edit bucket policy.

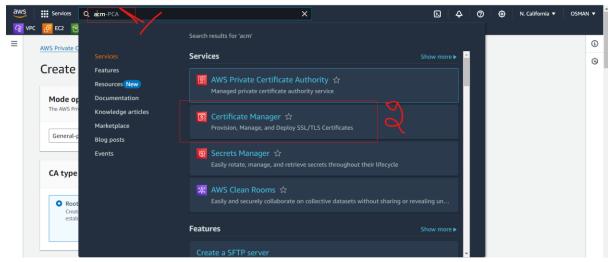


And click on the save changes.

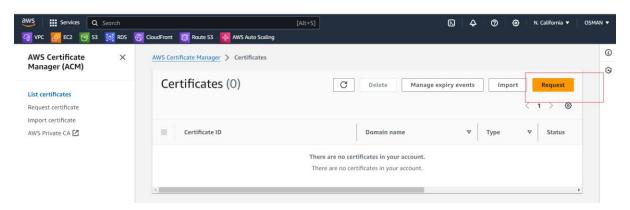
- Go to static web hosting and copy the Bucket website endpoint.
- Now paste in the browser and see your Application.



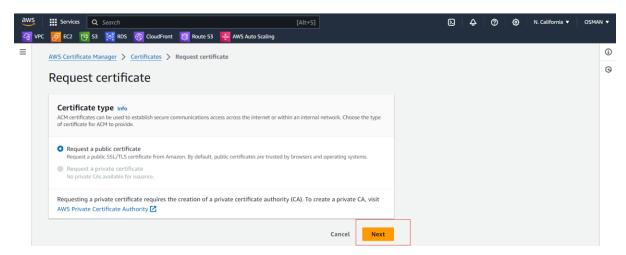
- 4) Create CDN and attach one SSL certificate.
 - First we have to go to the ACM there we have to get the ssl certificate.
 - Click on Certificate Manager.



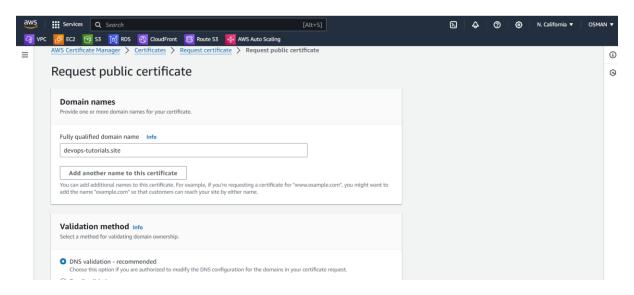
• click on the Request.



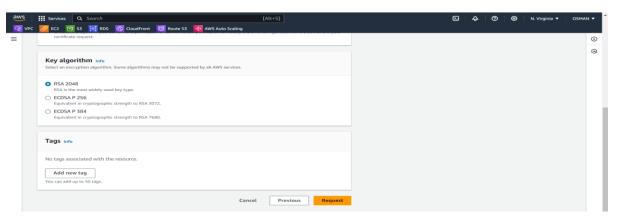
Request a public certificate: Request a public SSL/TLS certificate from Amazon. By default, public certificates are trusted by browsers and operating systems.



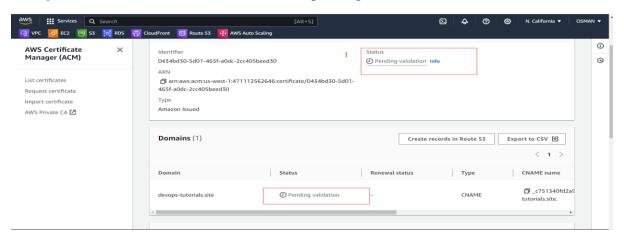
- Next you will be see the below interface.
- Give domain name
- Key algorithm --- RSA 2408
- Leave it as it's default.



• click on the the request.



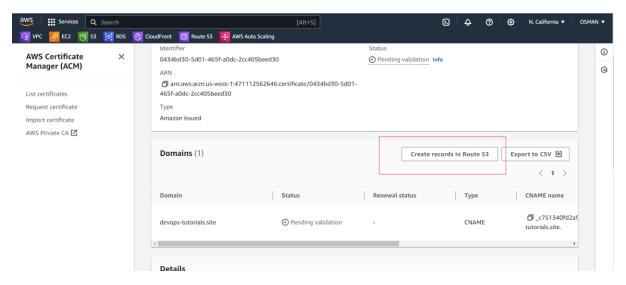
Next you will the below interface and status is pending validation.



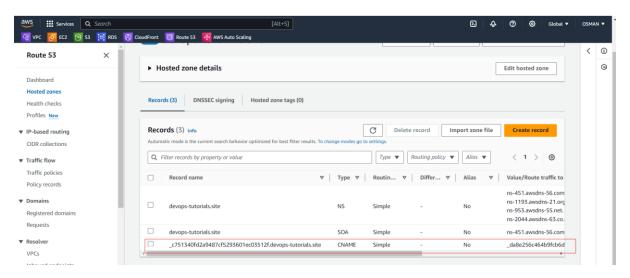
Now we have to go the R53 and create Record then your request will be accept.

So click on the ---- create records in Route 53.

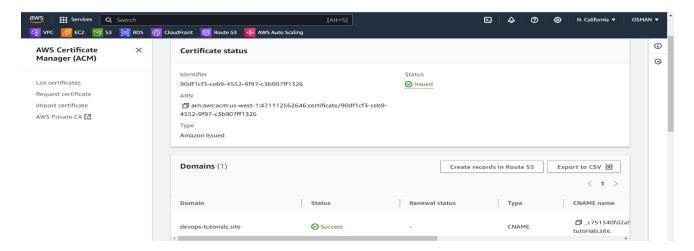
Just click on the Next button I t will be created.



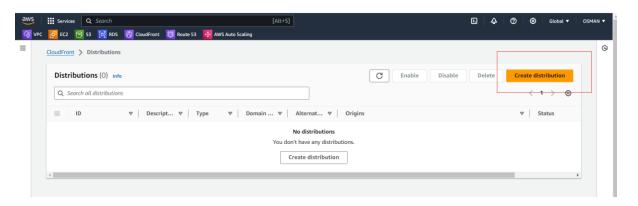
To check these record is created or not Go to the R53 and check in hosted Zones.



After some time you will see the Status is issued.

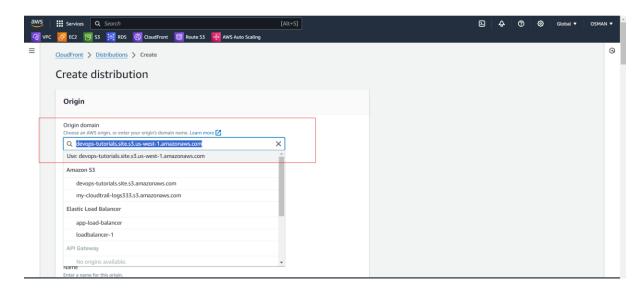


Now go to the Cloudfront and click on Create distribution.



Next you will be see below interface.

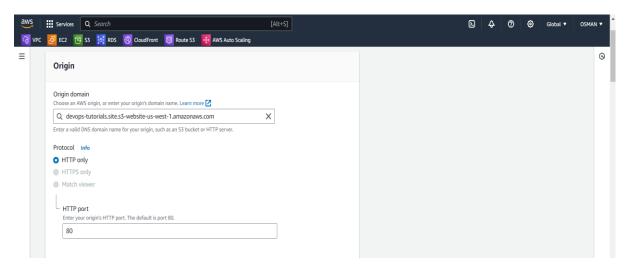
Here we have to observe name.



- The below I am given two url's
- Cloudfront url is missing –website—word so copy the s3 static web hosting url only
- Because you browse the cloufront url you haven't seen the website that path is worng.
- That's why you can use the s3 url.

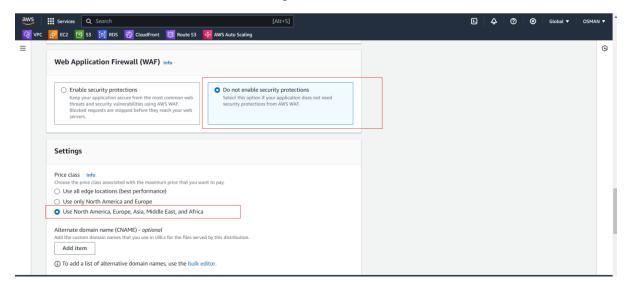
```
s3 -- http://devops-tutorials.site.s3-website-us-west-1.amazonaws.com/
Cloudfront gives url ---http://devops-tutorials.site.s3.us-west-1.amazonaws.com/
```

Now I am selecting the S3 static web hosting URL and procal is http only.



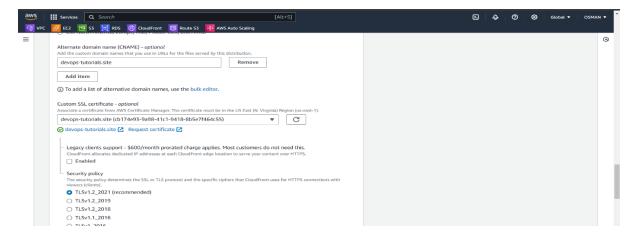
Web Application firewall --- as off now -Do not enable

Price Class ---- as off now I amm selecting the Asia.

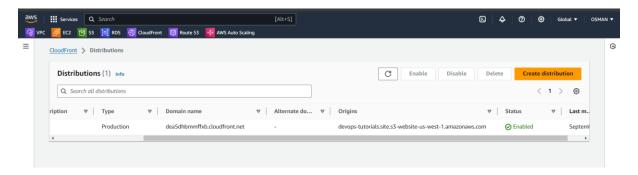


Alternate domain I am giving the---- my domain name

ssl certificate --- selected

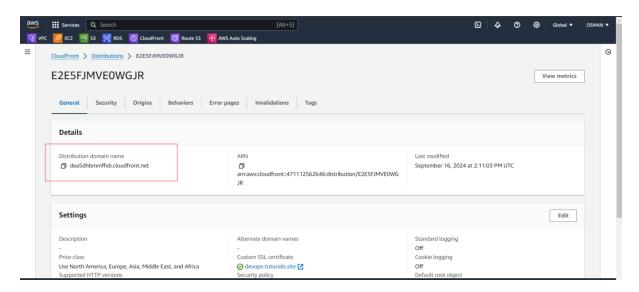


Now distribution is created ans status is enabled.

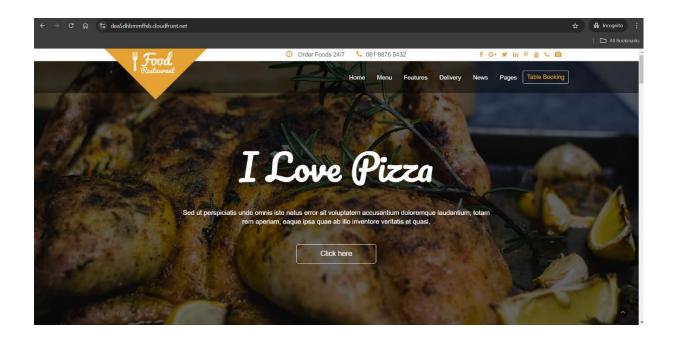


Previously we are access our application through s3 static web hosting.

Now we are able to access application with Distribution domain name.



Just copy Distribution domain name and search in browser.



Task 4 is completed.

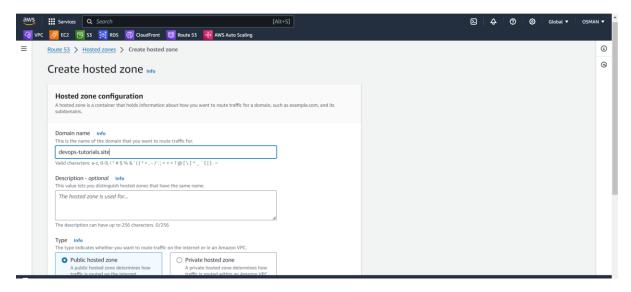
5) Create Route53 hosted zone and MAP the domain with CDN.

Now to create Route hosted zone. We have to go Route 53.

Click on hosted Zone.

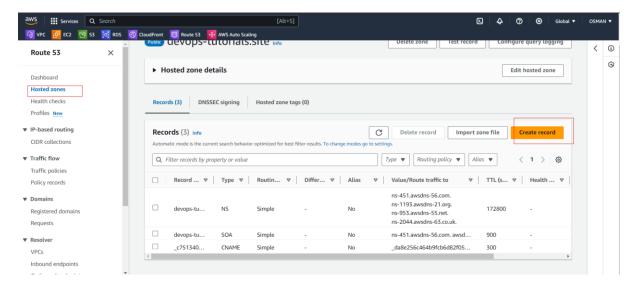
Give domain Name: your perches domain Name.

And leave it as it's and click on create Hosted Zone.

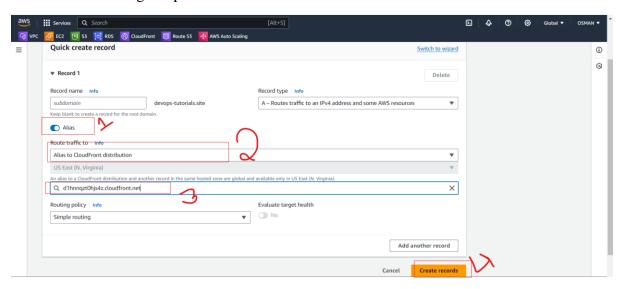


• Click on the create hosted zone.

- MAP the domain with CDN go to the Rout 53.
- Click on the hosted Zones and click on the create record.

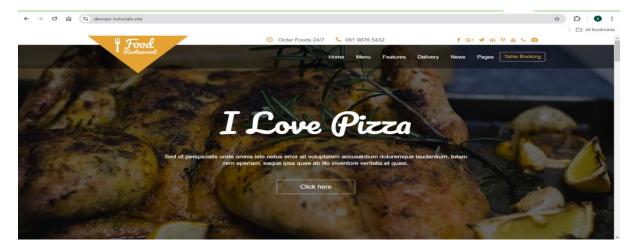


Here the below image steps follow.



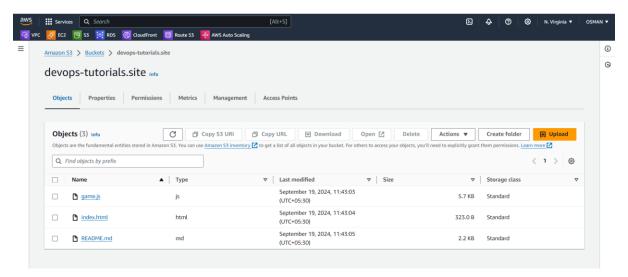
Click on create records.

Now you will be able to access application with your domain name.

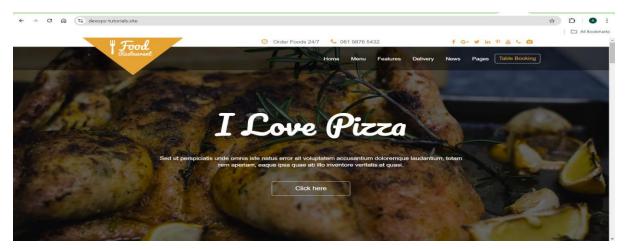


6) Update the index.html in s3 bucket and the updated file should be accessible by using domain name.

Now I am update the files.



Now I am trying to access you will see the past application.



To change that you need go cloudfront change the small confg.



Now you can refresh domain name and you will be new application.



7) Share the Domain name in slack to test the connectivity.