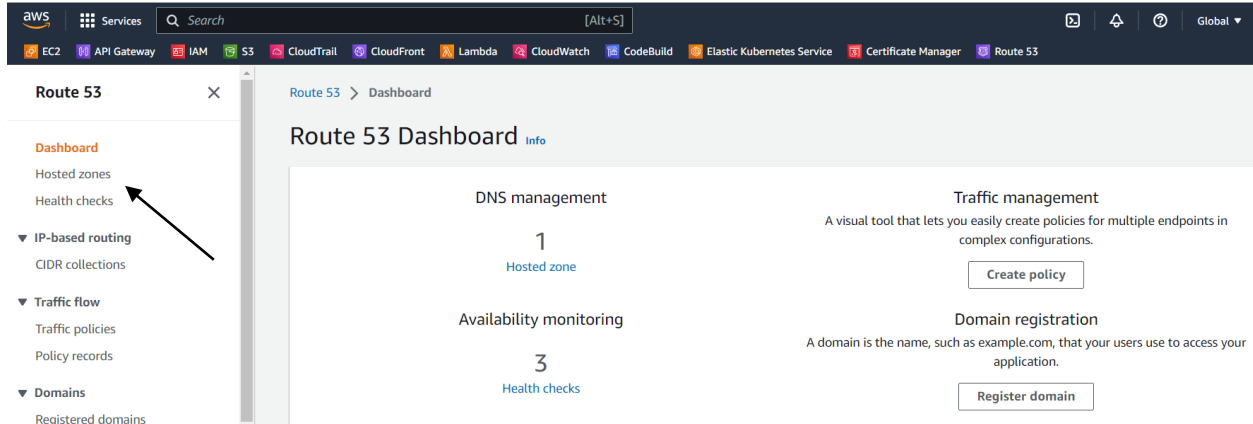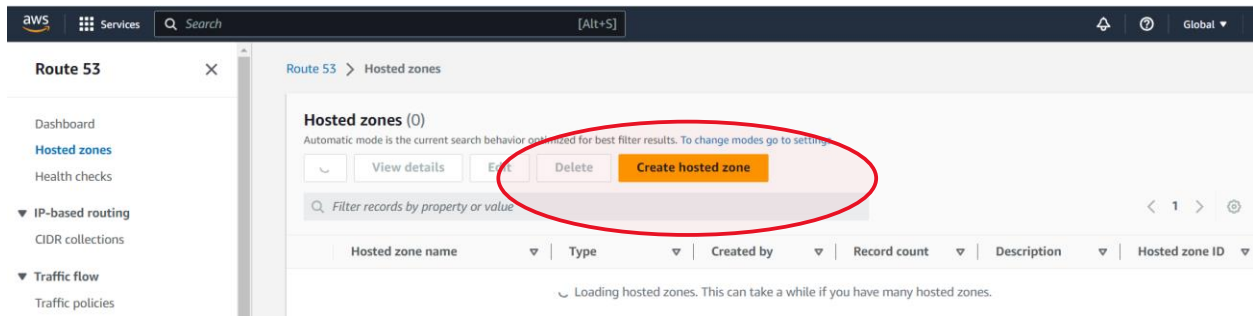# How to create SSL certificate through certificate Manager
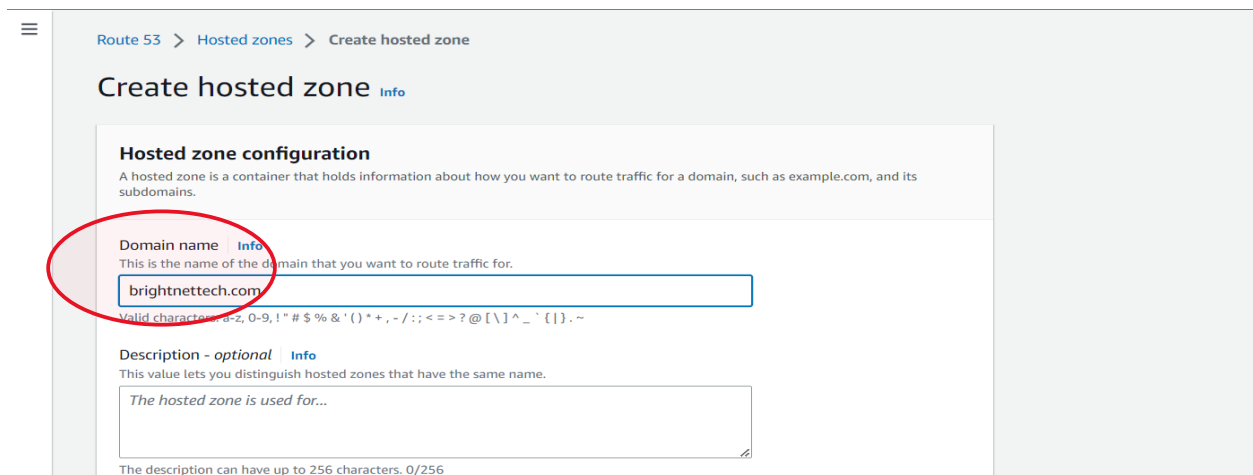
You can create open a Route53 in aws

Now just click on the Hosted Zone in the left panel.

Just click on the Button → create hosted zone

Provide a domain name which you have a registered in Godaddy website or any other website

Type   Info
The type indicates whether you want to route traffic on the internet or in an Amazon VPC.

● Public hosted zone
A public hosted zone determines how traffic is routed on the internet.

○ Private hosted zone
A private hosted zone determines how traffic is routed within an Amazon VPC.

Tags   Info
Apply tags to hosted zones to help organize and identify them.

No tags associated with the resource.

Add tag

You can add up to 50 more tags.

Cancel   Create hosted zone

Just select the private hosted zone and click Create hosted zone button.

⊘ brightnettech.com was successfully created.
Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

▶ Hosted zone details   Edit hosted zone

Records (2)   DNSSEC signing   Hosted zone tags (0)

Records (2) Info
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

[↻]   Delete record   Import zone file   Create record

Q Filter records by property or value   Type ▼   Routing policy ▼   Alias ▼   ‹ 1 ›   ⚙

☐	Record ... ▽	Type ▽	Routin... ▽	Differ... ▽	Alias ▽	Value/Route traffic to ▽	TTL (s... ▽	Health ... ▽
☐	brightnett...	NS	Simple	-	No	ns-1317.awsdns-36.org. ns-1621.awsdns-10.co.uk. ns-662.awsdns-18.net. ns-197.awsdns-24.com.	172800	-
☐	brightnett...	SOA	Simple	-	No	ns-1317.awsdns-36.org. aws...	900	-

After created it look like that → There should be 4 NS (NameServer) and 1 SOA (start of authority)

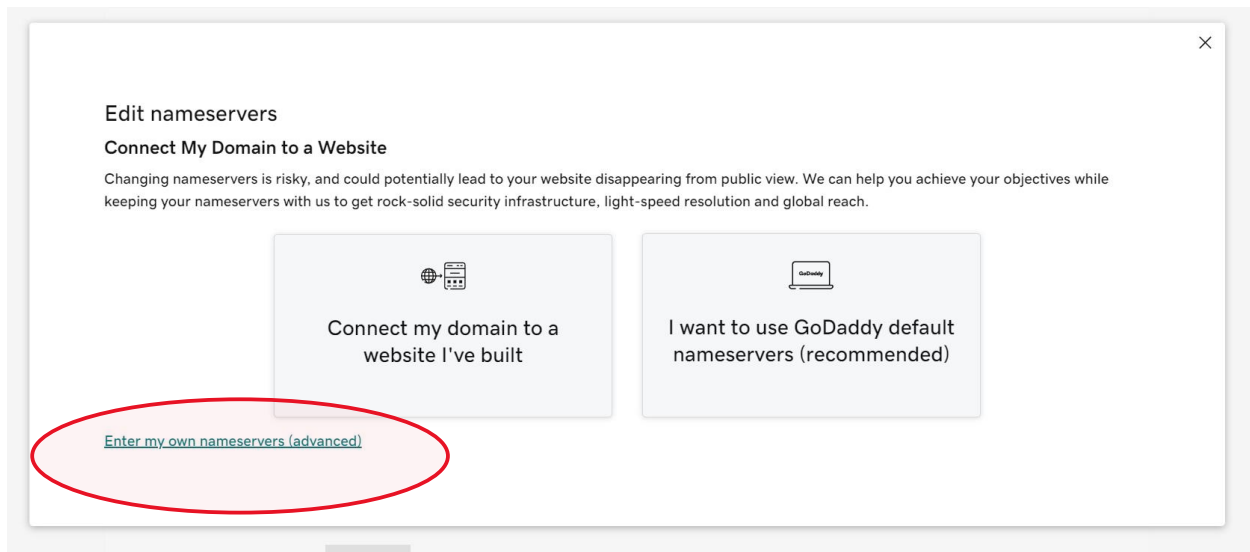# We have to update the NameServer inside the Godaddy platform inside the DNS manage → NameServer.
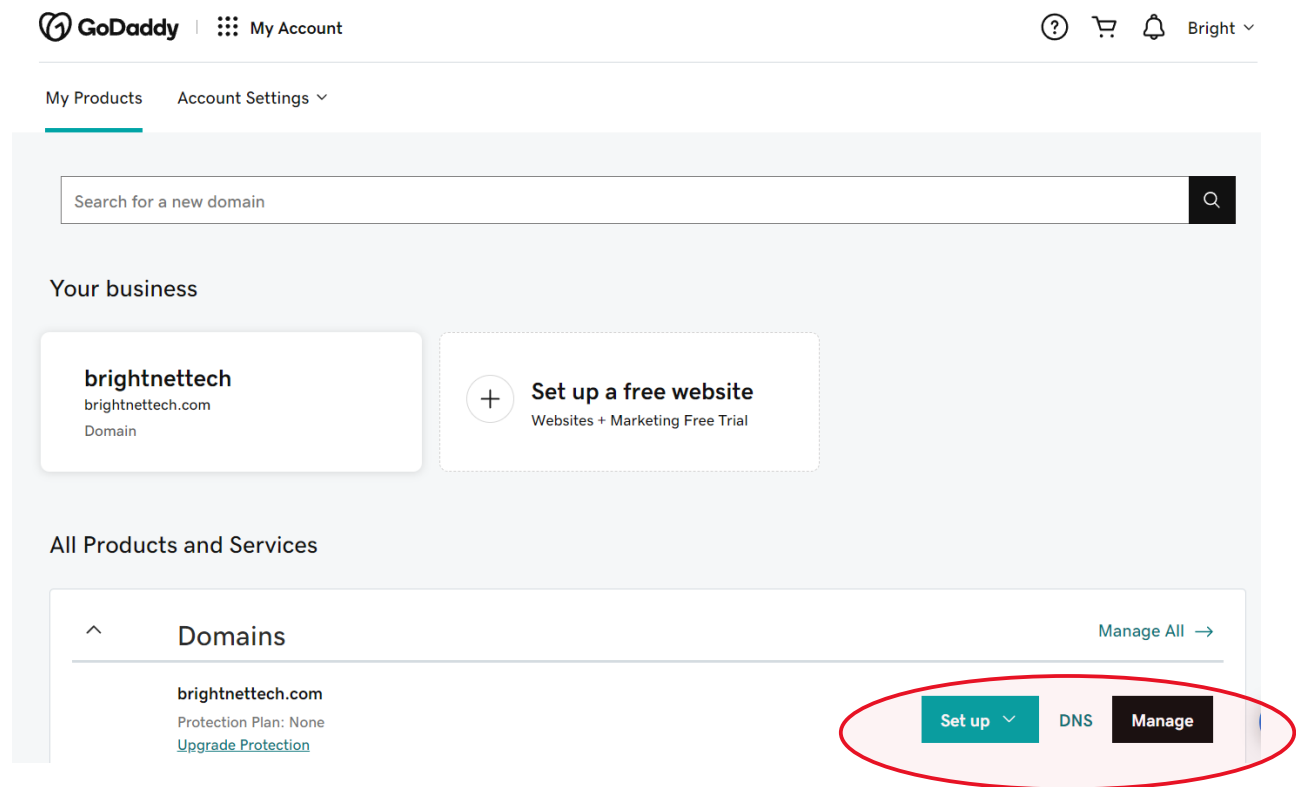
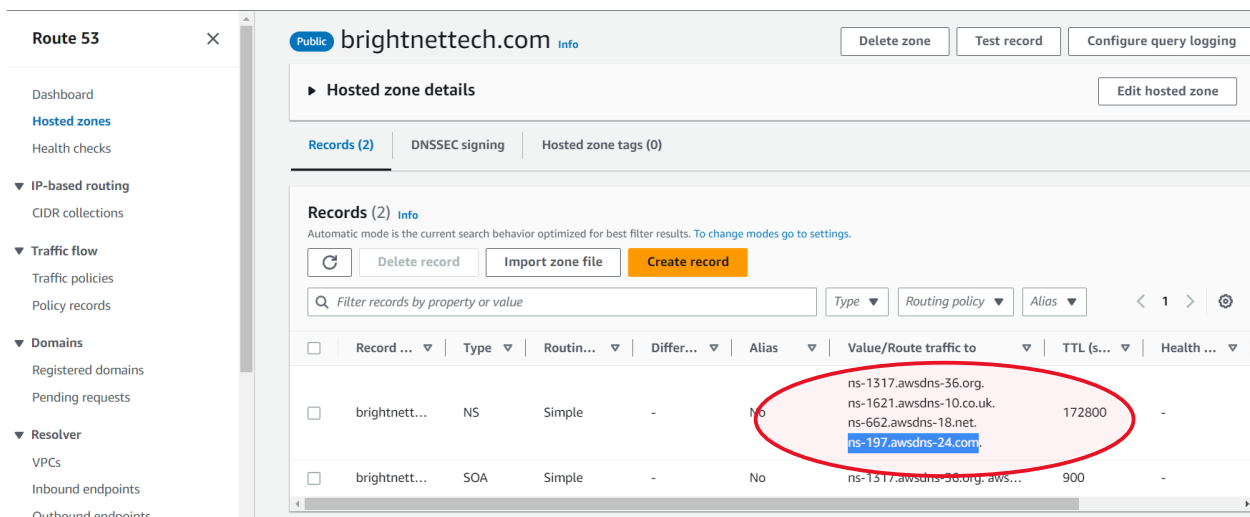## Click on the DNS button
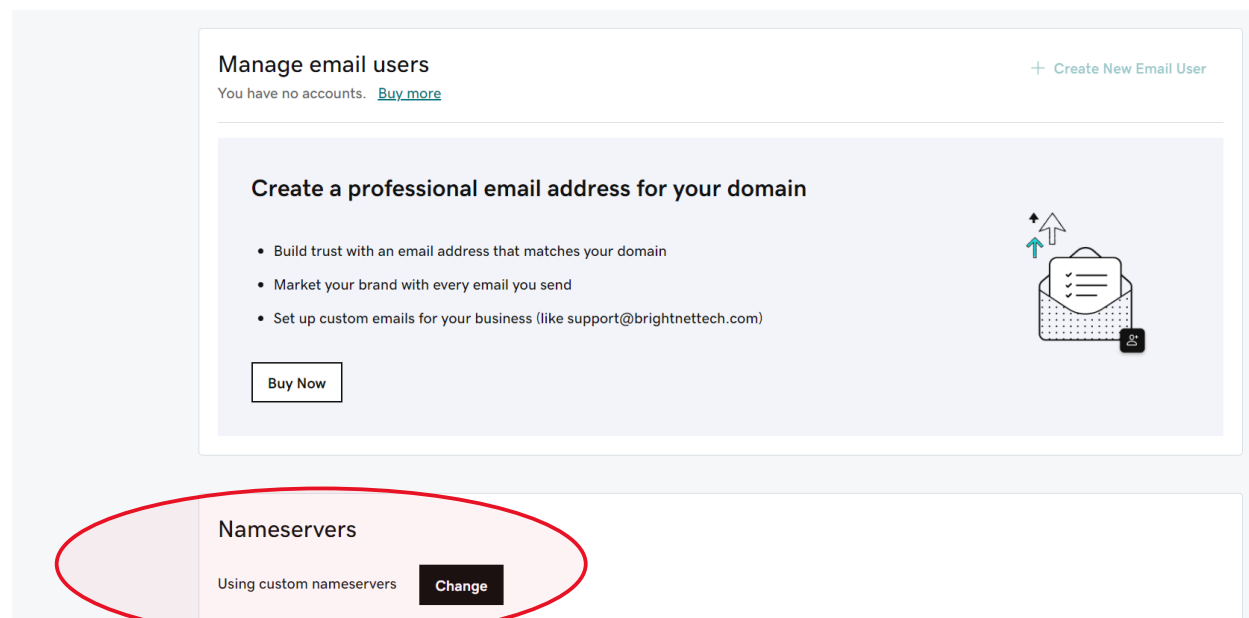
Just Scroll and click on the Change button in NameServer

After click on the change button

Now come back on the route53 hostedZone.

Update these all routeValue inside the nameservers in Godaddy.

Edit nameservers

Enter My Own Nameservers

Changing nameservers is risky, and change could potentially lead to your website disappearing from public view.

ns-1317.awsdns-36.org 🗑

ns-1621.awsdns-10.co.uk 🗑

ns-662.awsdns-18.net 🗑

ns-197.awsdns-24.com| 🗑

⊕ **Add Nameserver**

[Cancel] [Back] [**Save**]

✕

Nameserver Update

BRIGHTNETTECH.COM

⚠ Changing nameservers is risky, and could potentially lead to your website disappearing from public view.

☑ Yes, I consent to update Nameservers for the selected domain(s).

[**Continue**] [Close]

After updating nameservers look like the below:

After done all the steps now just move the further steps which was mention below:

First search ACM on aws platform
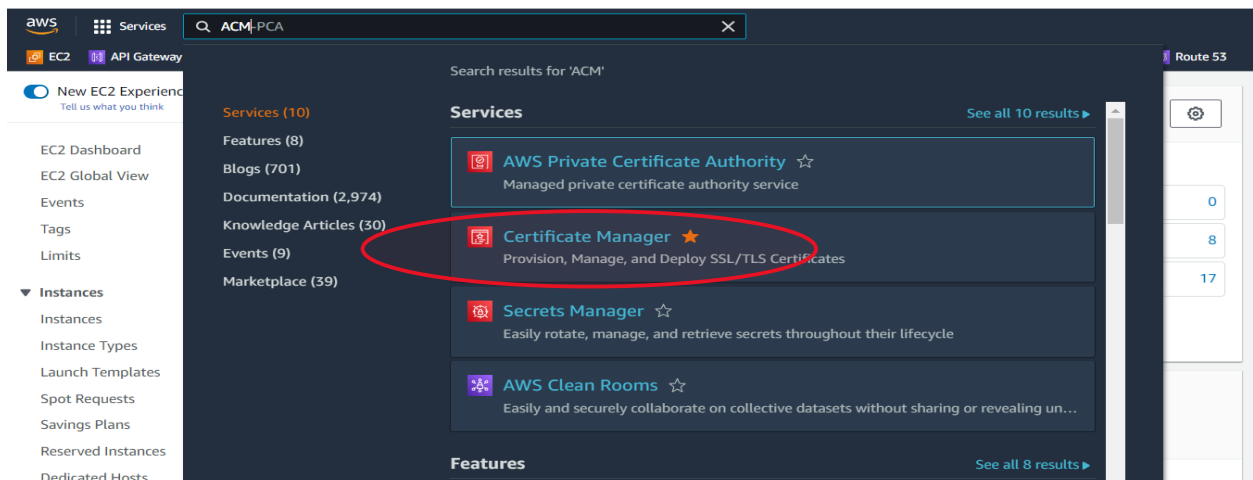
Just select the Certificate Manager

Now click on the Request a Certificate
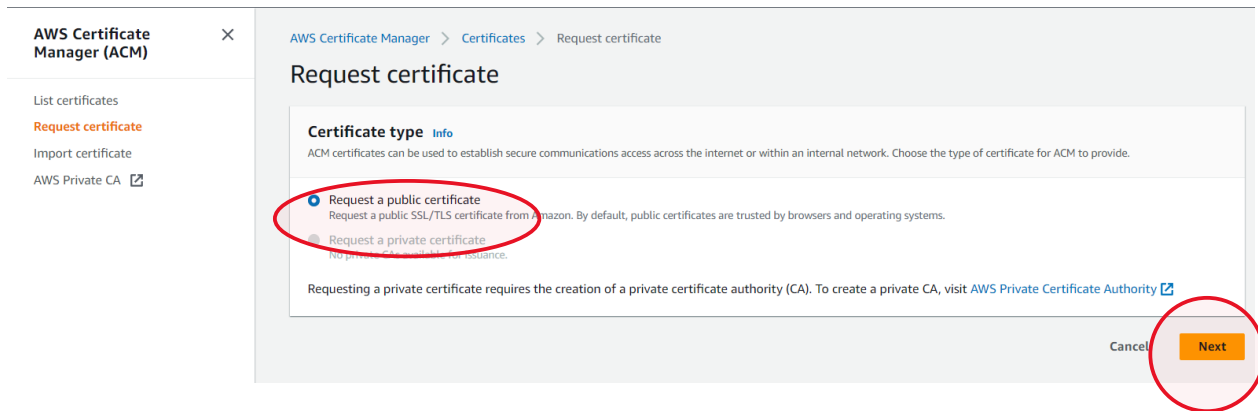
Now just be a default steps and move ahead to the next options.
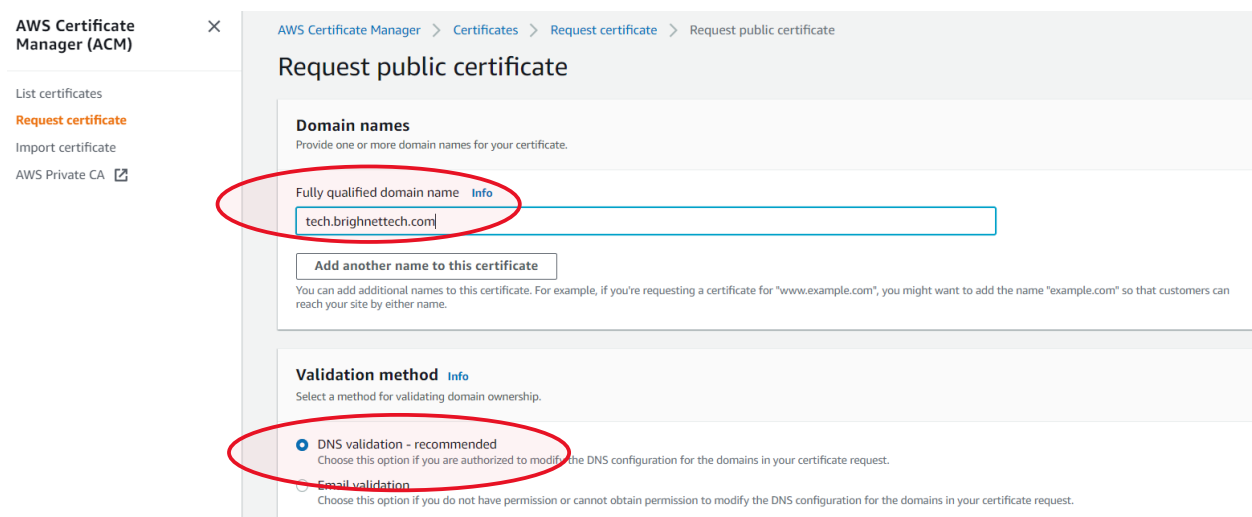
Just provide the well meaningful domain and choose the validation method i.e. DNS validation because it is

recommened and also one more reason if you are selected the email validation may be sometimes the mail will not come

Select a Key Algorithm → RSA 2048 and move to the next and click on the Request button

The interface of the aws portal become like that when we request a certificate successfully.

Just click on the certificate or view certificate → to open the details of the certificate

The status of the certificate is pending validation → to make a valid certificate you just create a create a records in Route 53

Go back and just refresh the page and see the status is issued
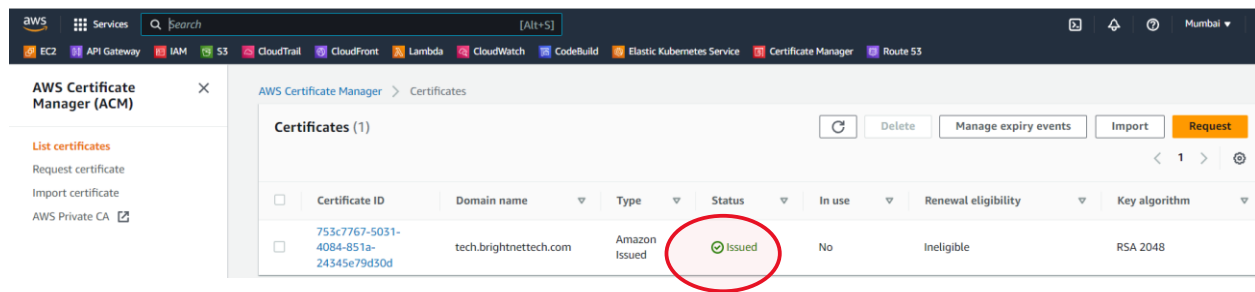
Finally,
your Certificate is created successfully and issued.