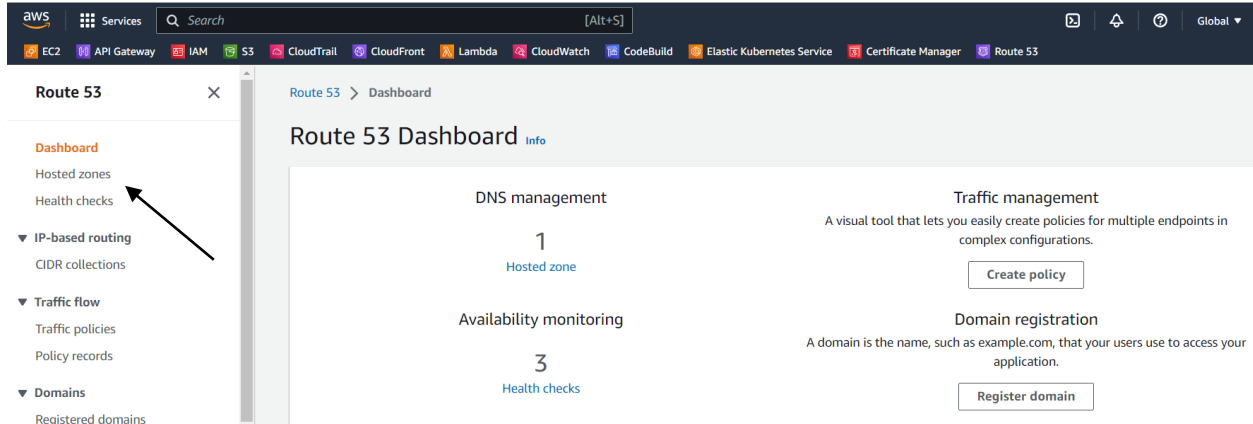
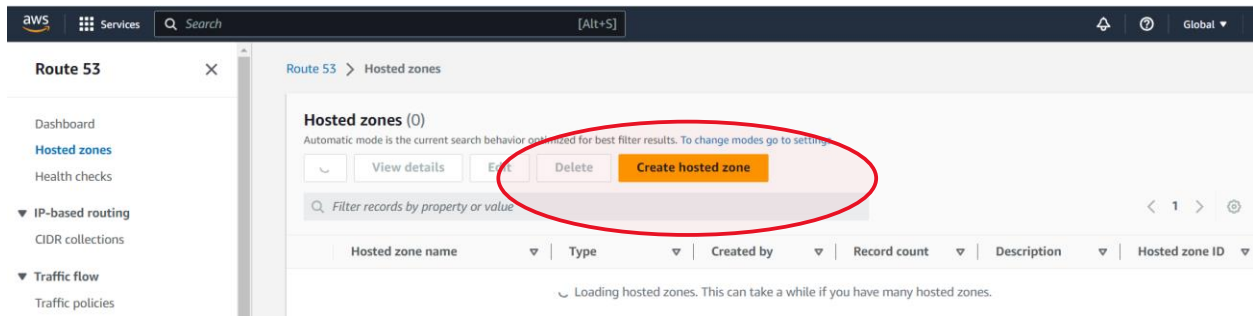


How to create SSL certificate through certificate Manager

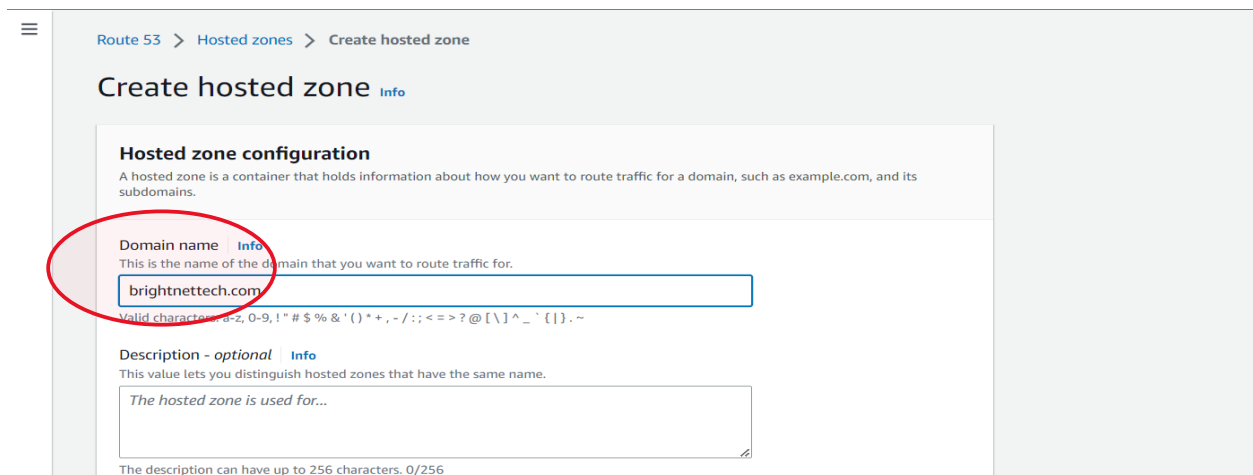
You can create open a Route53 in aws



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.](#)

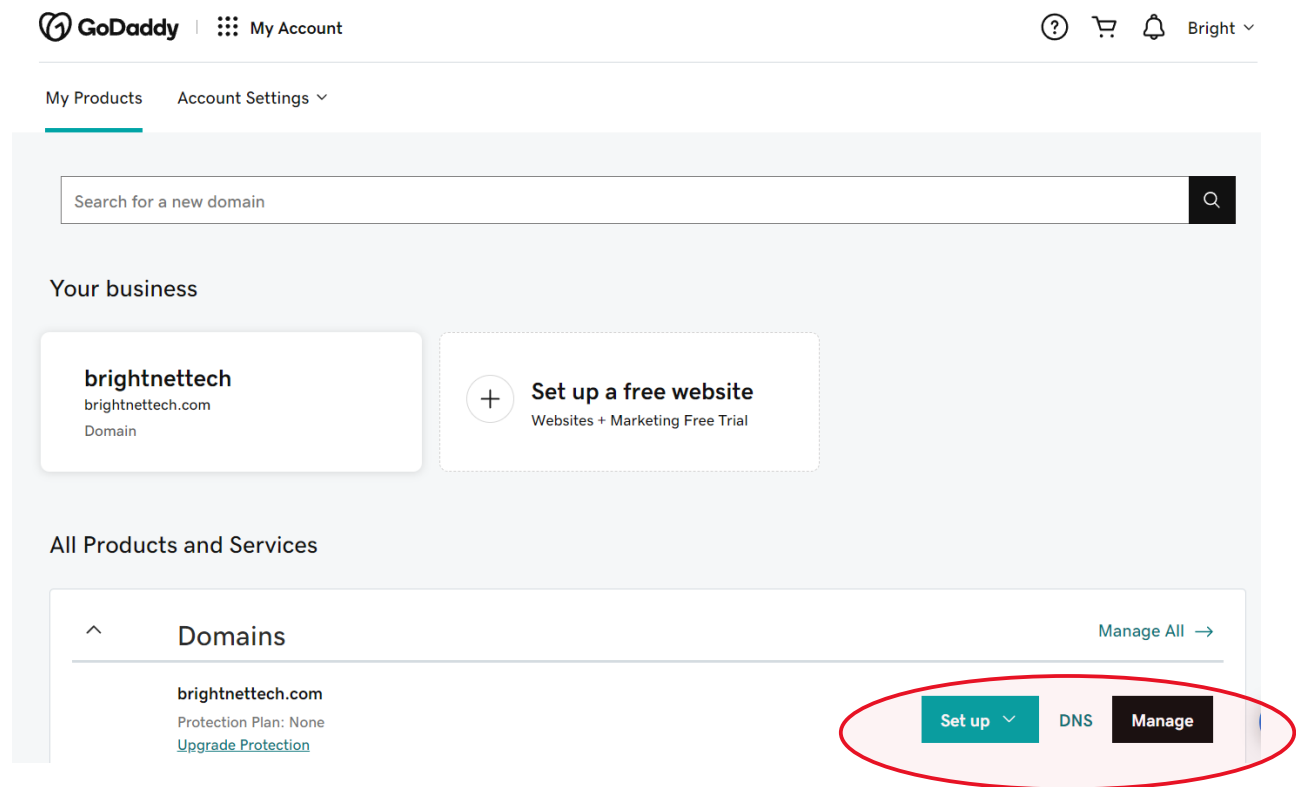
[Refresh](#) [Delete record](#) [Import zone file](#) [Create record](#)

Filter records by property or value Type ▼ Routing policy ▼ Alias ▼ < 1 > ⚙

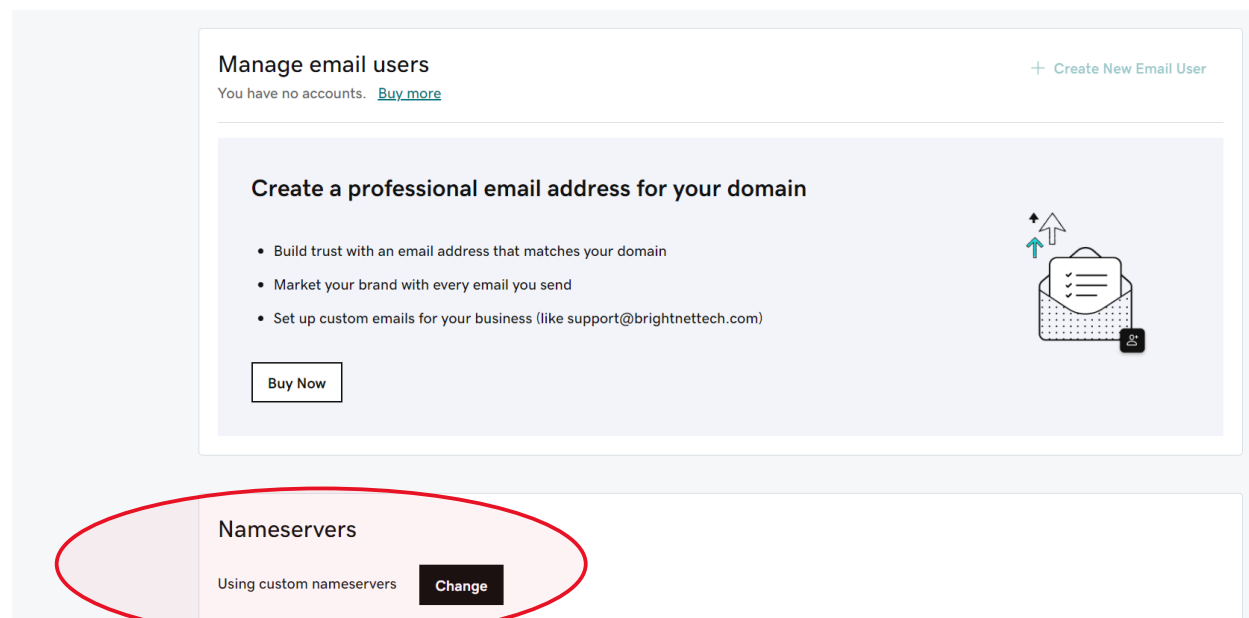
<input type="checkbox"/>	Record ... ▼	Type ▼	Routin... ▼	Differ... ▼	Alias ▼	Value/Route traffic to ▼	TTL (s... ▼	Health ... ▼
<input type="checkbox"/>	brightnett...	NS	Simple	-	No	ns-1317.awsdns-36.org. ns-1621.awsdns-10.co.uk. ns-662.awsdns-18.net. ns-197.awsdns-24.com.	172800	-
<input type="checkbox"/>	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.

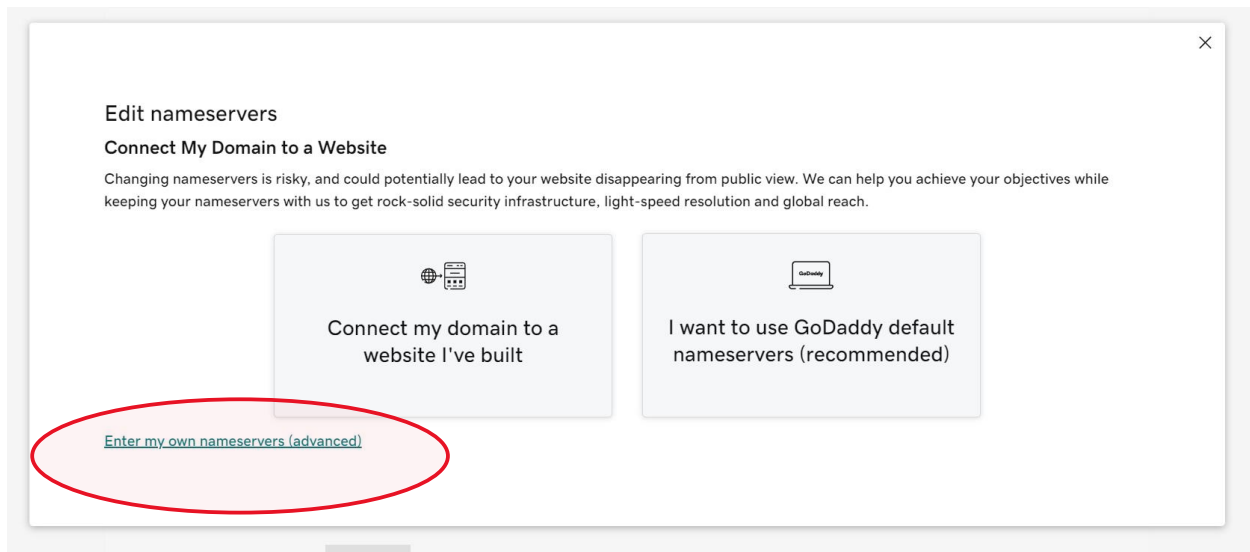


Click on the DNS button

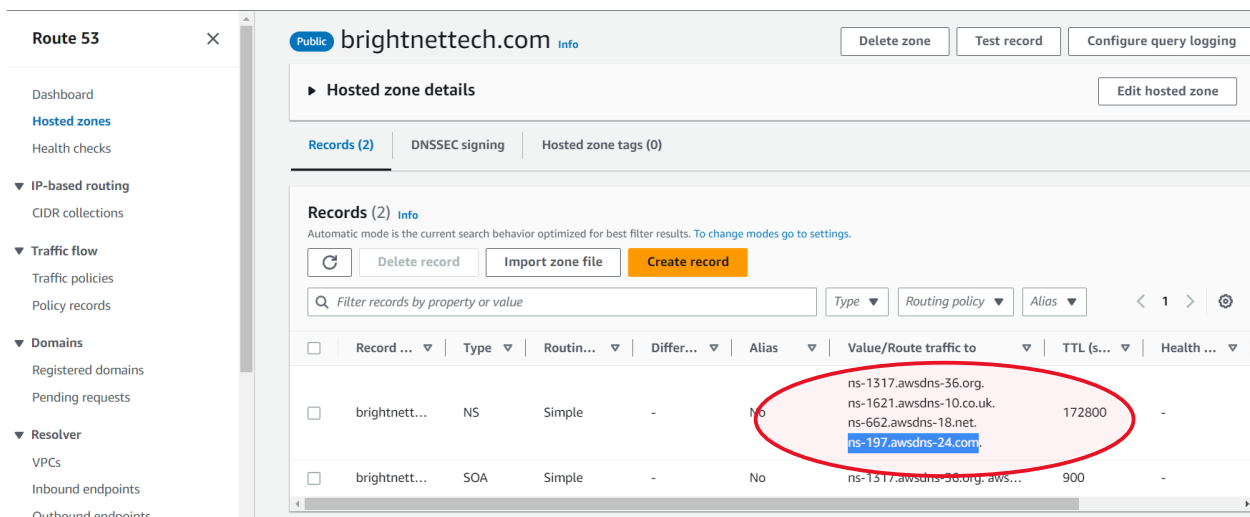


Just Scroll and click on the Change button in NameServer

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:

Nameservers

Using custom nameservers

Change

Nameservers ?

ns-1317.awsdns-36.org

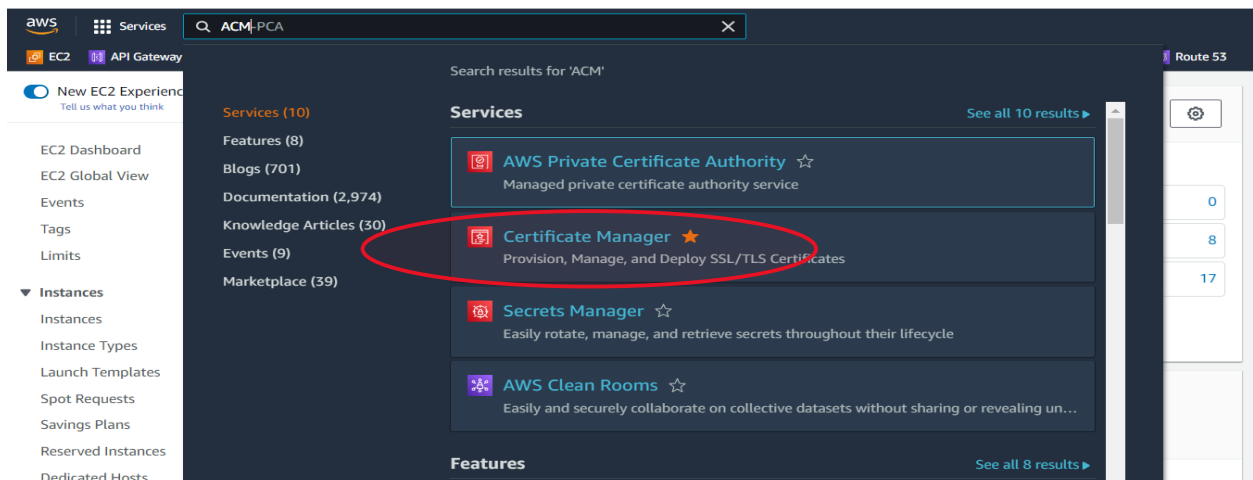
ns-1621.awsdns-10.co.uk

ns-662.awsdns-18.net

ns-197.awsdns-24.com

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

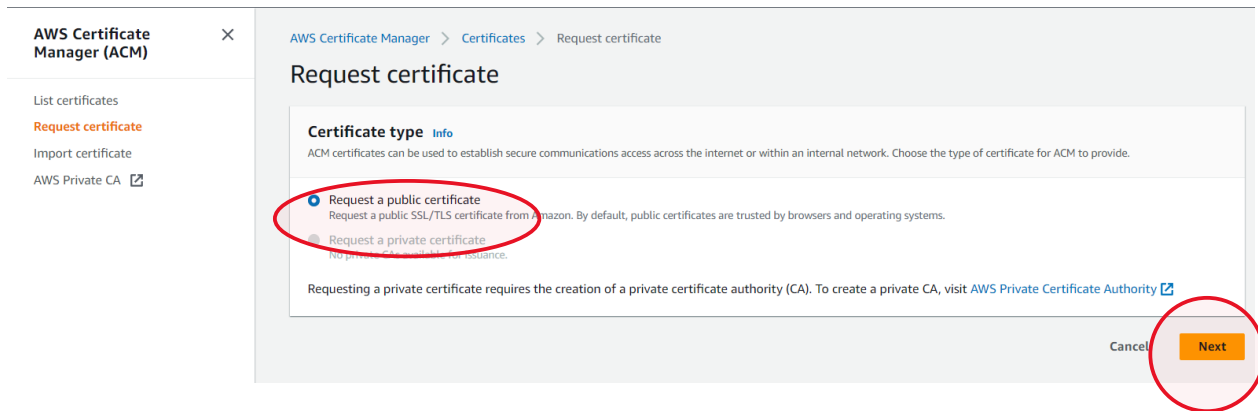
First search ACM on aws platform



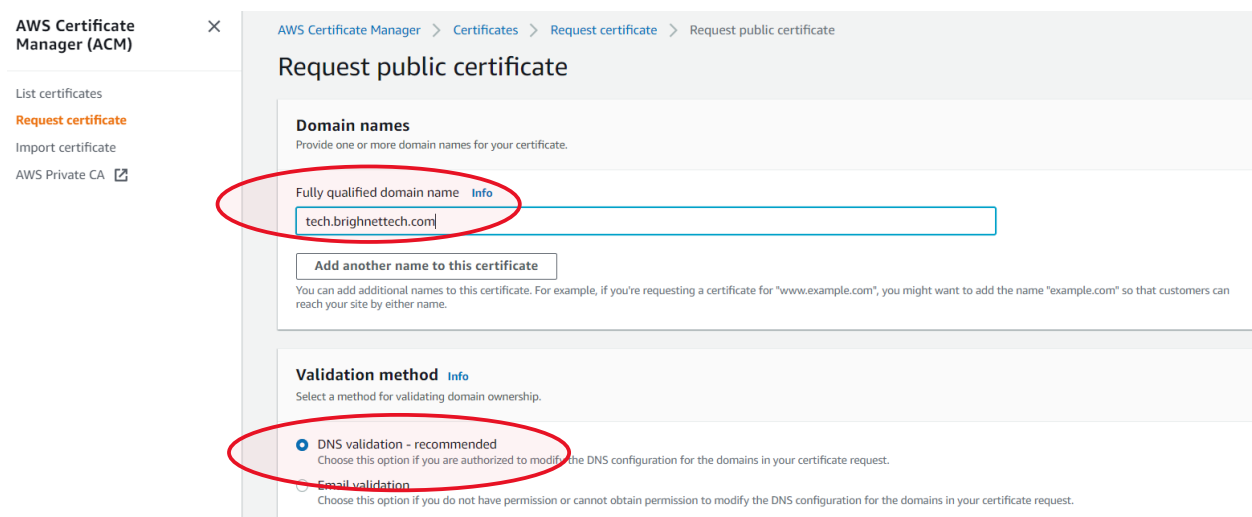
Just select the Certificate Manager



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

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

Import certificate
AWS Private CA

Key algorithm Info

Select an encryption algorithm. Some algorithms may not be supported by all AWS services.

- ☒ **RSA 2048**
RSA is the most widely used key type.
- ☐ ECDSA P 256
Equivalent in cryptographic strength to RSA 3072.
- ☐ ECDSA P 384
Equivalent in cryptographic strength to RSA 7680.

Tags Info

To help you manage your certificates, you can optionally assign your own metadata to each resource in the form of tags.

No tags associated with this resource.

Add tag

You can add 50 more tag(s).

Cancel Previous **Request**

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

AWS Certificate Manager (ACM)

List certificates
Request certificate
Import certificate
AWS Private CA

Successfully requested certificate with ID 5ee97831-472c-4abb-adeb-2cc854fb4688

A certificate request with a status of pending validation has been created. Further action is needed to complete the validation and approval of the certificate.

View certificate

AWS Certificate Manager > Certificates

Certificates (1)

	Certificate ID	Domain name	Type	Status	In use	Renewal eligibility	Key algorithm
<input type="checkbox"/>	5ee97831-472c-4abb-adeb-2cc854fb4688	tech.brighnettech.com	Amazon Issued	Pending validation	No	Ineligible	RSA 2048

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

AWS Certificate Manager (ACM)

5ee97831-472c-4abb-adeb-2cc854fb4688

Certificate status

Identifier: 5ee97831-472c-4abb-adeb-2cc854fb4688
Status: Pending validation
ARN: arn:aws:acm:ap-south-1:009611574529:certificate/5ee97831-472c-4abb-adeb-2cc854fb4688
Type: Amazon Issued

Domains (1)

Create records in Route 53 Export to CSV

Domain	Status	Renewal status	Type	CNAME name	CNAME value
tech.brightnettech.com	Pending validation	-	CNAME	_54826ba6ae58d6839fe4b9e18bef80fa.tech.brightnettech.com.	_5f28dd16b0c66f6e3c72a87a0a81cc4a.tftwdmzmwn.acm-validations.aws.

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

Successfully deleted certificate
You have successfully deleted 1 certificate from your account in AWS Certificate Manager.

Create DNS records in Amazon Route 53 (1/1)

Search domains: 1 match

Validation status: Pending validation Validation status: Failed Is domain in Route 53?: Yes Clear filter

Domain	Validation status	Type	CNAME name	CNAME value	Is domain in Route 53?
tech.brightnettech.com	Pending validation				Yes

Cancel Create records

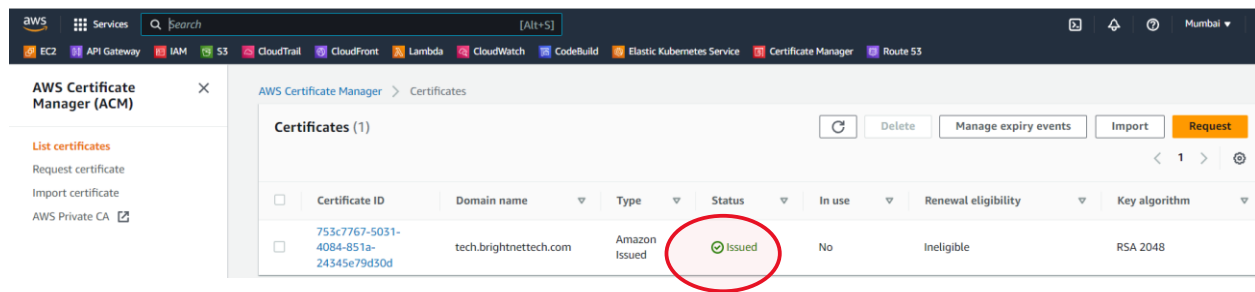
Go back and just refresh the page and see the status is **issued**

AWS Certificate Manager (ACM)

753c7767-5031-4084-851a-24345e79d30d

Certificate status

Identifier: 753c7767-5031-4084-851a-24345e79d30d
Status: Issued
ARN: arn:aws:acm:ap-south-1:009611574529:certificate/753c7767-5031-4084-851a-24345e79d30d
Type: Amazon Issued



**Finally,
your Certificate is created
successfully and issued.**