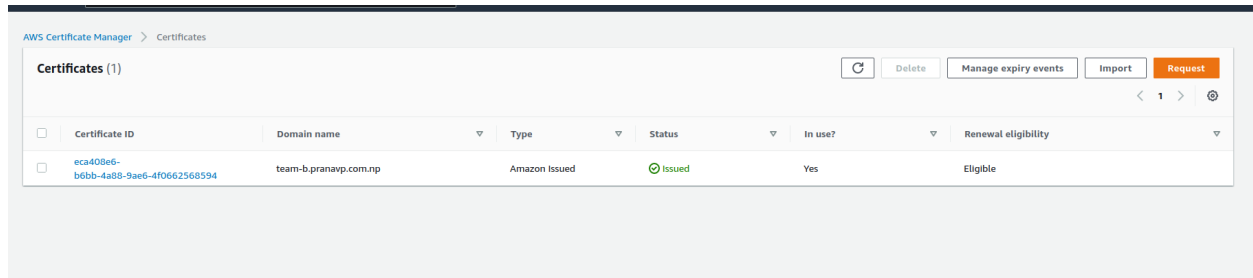


Create ACM for above created R53 HZ with both top subdomain and its wild card ie . and \*..

## ACM Home

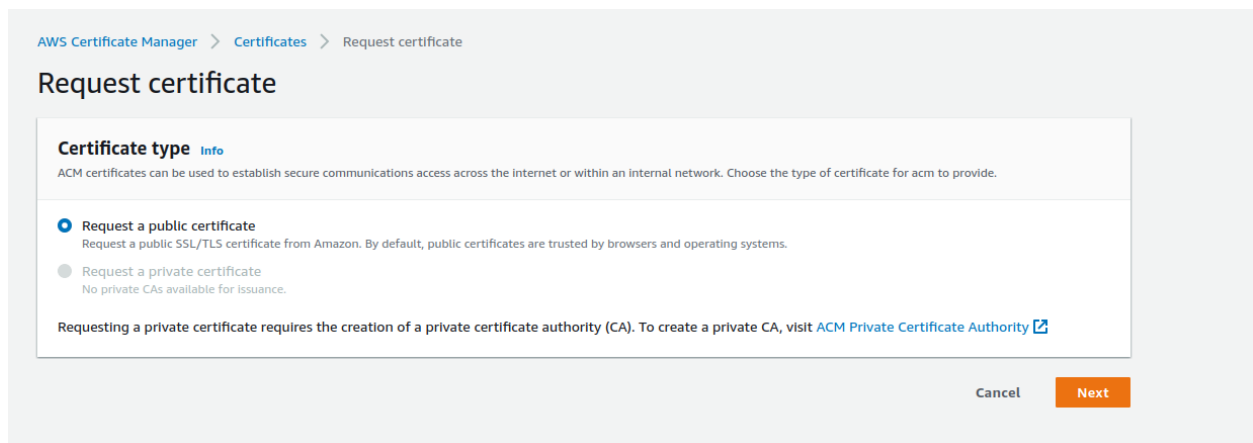


The screenshot shows the AWS Certificate Manager console. At the top, there's a breadcrumb trail: "AWS Certificate Manager > Certificates". Below this, there's a header "Certificates (1)" with several action buttons: "Refresh", "Delete", "Manage expiry events", "Import", and "Request". A table below lists the certificates. The table has columns: "Certificate ID", "Domain name", "Type", "Status", "In use?", and "Renewal eligibility". There is one certificate listed with ID "eca408e6-b6bb-4a88-9ae6-4f0662568594", domain name "team-b.pranavp.com.np", type "Amazon Issued", status "Issued" (with a green checkmark icon), "In use?" "Yes", and "Renewal eligibility" "Eligible".

Certificate ID	Domain name	Type	Status	In use?	Renewal eligibility
eca408e6-b6bb-4a88-9ae6-4f0662568594	team-b.pranavp.com.np	Amazon Issued	Issued	Yes	Eligible

## Certificate Request

Now let's request a public certificate for our R53,



The screenshot shows the "Request certificate" page in the AWS Certificate Manager console. The breadcrumb trail is "AWS Certificate Manager > Certificates > Request certificate". The page title is "Request certificate". Below the title, there's a section "Certificate type" with an "Info" link. The text below says: "ACM certificates can be used to establish secure communications access across the internet or within an internal network. Choose the type of certificate for acm to provide." There are two radio button options: "Request a public certificate" (which is selected) and "Request a private certificate". The "Request a public certificate" option has a description: "Request a public SSL/TLS certificate from Amazon. By default, public certificates are trusted by browsers and operating systems." The "Request a private certificate" option has a description: "No private CAs available for issuance." Below these options, there's a note: "Requesting a private certificate requires the creation of a private certificate authority (CA). To create a private CA, visit [ACM Private Certificate Authority](#)". At the bottom right, there are two buttons: "Cancel" and "Next".

**Certificate type** [Info](#)

ACM certificates can be used to establish secure communications access across the internet or within an internal network. Choose the type of certificate for acm to provide.

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

☐ **Request a private certificate**  
No private CAs available for issuance.

Requesting a private certificate requires the creation of a private certificate authority (CA). To create a private CA, visit [ACM Private Certificate Authority](#)

[Cancel](#) [Next](#)

Give the domain names as:

**team-d.intern.amitj.com.np**

**\*.team-d.intern.amitj.com.np**

Ensure that the DNS validation method is selected as below:

### Request public certificate

#### Domain names

Fully qualified domain name [Info](#)

Remove

Remove

Add another name to this certificate

You can add additional names to this certificate. For example, if you're requesting a certificate for "www.example.com", you might want to add the name "example.com" so that customers can reach your site by either name.

#### Select validation method [Info](#)

Select a method for validating domain ownership

☒ DNS validation - recommended

Choose this option if you are authorized to modify the DNS configuration for the domains in your certificate request.

☐ Email validation

Choose this option if you do not have permission or cannot obtain permission to modify the DNS configuration for the domains in your certificate request.

#### Tags [Info](#)

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

Tag key

×

Tag value - optional

×

Remove tag

Add tag

You can add 49 more tag(s).

## Certificate Status

**Certificate status**

Identifier

f0826437-b934-47c4-954d-b66998c81bd0

ARN

arn:aws:acm:us-east-2:949263681218:certificate/f0826437-b934-47c4-954d-b66998c81bd0

Type

Amazon Issued

Status

Pending validation

Detailed status

The status of this certificate request is "Pending validation". Further action is needed to validate and approve the certificate. [Info](#)

Domains (2)

Create records in Route 53

Export to CSV

< 1 >

**Details**

## Create records in route 53 with CNAME name and CNAME values

AWS Certificate Manager > Certificates > f0826437-b934-47c4-954d-b66998c81bd0 > Create DNS records in Amazon Route 53

**Create DNS records in Amazon Route 53 (2/2)**

2 matches

< 1 >

Validation status: Pending validation X

Validation status: Failed X

Is domain in Route 53?: Yes X

Clear filter

<input checked="" type="checkbox"/>	Domain	Validation status	Type	CNAME name	CNAME value	Is domain in Route 53?
<input checked="" type="checkbox"/>	team-d.intern.amitj.com.np	Pending validation	CNAME	_ac5d2b6215050b50497c606d484e2a34.team-d.intern.amitj.com.np.	_050f9a386ea1584b5c0902857837c2ce.hcxvpdkkrx.acm-validations.aws.	Yes
<input checked="" type="checkbox"/>	*.team-d.intern.amitj.com.np	Pending validation	CNAME	_ac5d2b6215050b50497c606d484e2a34.team-d.intern.amitj.com.np.	_050f9a386ea1584b5c0902857837c2ce.hcxvpdkkrx.acm-validations.aws.	Yes

Cancel

Create records

We can see that the process is successful. This may take some time ,

AWS Certificate Manager > Certificates > f0826437-b934-47c4-954d-b66998c81bd0

**f0826437-b934-47c4-954d-b66998c81bd0** Delete

**Certificate status**

Identifier f0826437-b934-47c4-954d-b66998c81bd0	Status <span>Issued</span>
ARN arn:aws:acm:us-east-2:949263681218:certificate/f0826437-b934-47c4-954d-b66998c81bd0	Detailed status The certificate was issued at December 09, 2021, 16:00:54 (UTC+05:45).
Type Amazon Issued	

**Domains (2)** Create records in Route 53 Export to CSV < 1 >

Domain	Status	Renewal status	Type	CNAME name	CNAME value
team-d.intern.amitj.com.np	<span>Success</span>	-	CNAME	_ac5d2b6215050b50497c606d484e2a34.team-d.intern.amitj.com.np.	_050f9a386ea1584b5c0902857837c2ce.hcxvpd.kkrx.acm-validations.aws.
*.team-d.intern.amitj.com.np	<span>Success</span>	-	CNAME	_ac5d2b6215050b50497c606d484e2a34.team-d.intern.amitj.com.np.	_050f9a386ea1584b5c0902857837c2ce.hcxvpd.kkrx.acm-validations.aws.

## Final Certificate Issued Result

AWS Certificate Manager > Certificates

**Certificates (2)** Refresh Delete Manage expiry events Import Request < 1 > ⚙

<input type="checkbox"/>	Certificate ID	Domain name	Type	Status	In use?	Renewal eligibility
<input type="checkbox"/>	<a href="#">f0826437-b934-47c4-954d-b66998c81bd0</a>	team-d.intern.amitj.com.np	Amazon Issued	<span>Issued</span>	No	Ineligible
<input type="checkbox"/>	<a href="#">eca408e6-b6bb-4a88-9ae6-4f0662568594</a>	team-b.pranaip.com.np	Amazon Issued	<span>Issued</span>	Yes	Eligible