

SSL Certificate AWS ACM

01/04/2026 15:10:10

i have attached a domain to my project which i have deployed on aws a...
Click the certificate → scroll down → you'll see **CNAME records** You wi...
status still showing pending validation? what to do?

TEP 1 — Verify CNAME records are EXACT ----- Go...

Type CNAME Record Host www Target task-management-alb...

➡ SOON Next steps (after status = Issued) ----- I'll guid...

it is taking to much time to open website like i have...

STEP 1 — Test HTTPS directly (very important) -----...

tell me how to debug

1. Open a terminal (or Command Prompt on Windows). 2. Run: bash Cop...

guide me step by step what to do and how to do?

Step 2: Check target group ----- 1. Go to **AWS...**

systemd 1 root 87u IPv4 4081 0t0 TCP *:22 (LISTEN) systemd 1 root 88u...

GNU nano 7.2 /etc/nginx/sites-available/taskmanagement * server { liste...

/home/ubuntu/.pm2/logs/frontend-error.log last 15 lines: 1|frontend | Err...

1. Open your **frontend app config** (usually `package.json` or `.env`). ...

which option is better and save and when pm2 automatically start the...

i have made changes in port and now my backend port is 4000 and...

server_name _; do i change server name or remain as it is?

2 Total targets 0 Healthy 0 Anomalous 2 Unhealthy what to do that it...

| Option | Value | | --- | --- | | Protocol | HTTP | | Path | `/'` (for frontend) | o...

do i also have to change in the nginx config?

2 Total targets 0 Healthy 0 Anomalous 2 Unhealthy still same

sg-0a65cd8f6ac25988f - TaskManagement-SG Details Inbound rules...

2 Total targets 1 Healthy 0 Anomalous 1 Unhealthy

i-08da2891e34fbc879 80 us-east-1b (use1-az6) Draining Target...

now one is healthy and other is unhealthy i-0c7fd48644294f7c7 80 us...

now both instance are healthy

there is a small issue when i first visit website it shows me login page an...

in next js project there i haven't defined any routing


i have defined routing but the issue i am facing is that when i first visit...

```
import { useEffect, useState } from 'react'; import { useRouter } from...
```



i have attached a domain to my project which i have
deployed on aws
and domain i have used from namecheap
and haven't moved dns to aws
now i want ssl certificate ?
guide me step by step how to do that



Click the certificate → scroll down → you'll see **CNAME records** You will see something like: | Name | Value | | --- | | ` _abc123.programpeer.com` | ` _xyz456.acm-validations.aws` |  ****Do NOT close this page**** — we need this info

ff385d08-3e02-4a6d-ae31-c82e08a4fa43

Delete

Certificate status

Identifier

ff385d08-3e02-4a6d-ae31-c82e08a4fa43

ARN

arn:aws:acm:us-east-

1:590183872712:certificate/ff385d08-3e02-4a6d-ae31-c82e08a4fa43

Type

Amazon Issued

Status

Pending validation

Info

Domains (2)

Create records in Route 53

Export to CSV

1

Domain

Status

Renewal status

Type

CNAME name

CNAME value

programpeer.com

Pending validation

-

CNAME

_4c5cb01706cb11d6977b09d20a64886a.programpeer.com.

_23a13a0aa7098474be4ec5ff148c5eb1.jkddzztszm.acm-validations.aws.

www.programpeer.com

Pending validation

-

CNAME

_59ee874cefae31007dac76a90a0e1a1d.www.programpeer.com.

_b9486b0b30907c61981528aaae22b905.jkddzztszm.acm-validations.aws.

Details

In use

No

Domain name

programpeer.com

Number of additional names

1

Serial number

N/A

Public key info

RSA 2048

Signature algorithm

SHA-256 with RSA

Can be used with

CloudFront, Elastic Load Balancing, API Gateway and other integrated services.

Requested at

December 25, 2025, 19:23:29 (UTC+05:00)

Issued at

N/A

Not before

N/A

Not after

N/A

Renewal eligibility

Ineligible

Export option

Disabled

Tags (0)

Manage

1

Key

Value

No tags

No tags associated with this resource.

i cannot find anything like this



status still showing pending validation?
what to do?



TEP 1 — Verify CNAME records are EXACT ----- Go to **Namecheap** → **Advanced DNS** and check **both records**. You should see **2 CNAME records** like this:

Record #	Field	Must be	Type	CNAME	Host
1					

Type
CNAME Record
Host
www

Target
task-management-alb-551903363.us-east-1.elb.amazonaws.com.

TTL
Automatic

Remove
Edit
Type
URL Redirect Record
Host
@

Destination URL
https://www.programpeer.com

Permanent (301)

Remove
Edit
Type
CNAME Record
Host

_4c5cb01706cb11d6977b09d20a64886a

Target
_23a13a0aa7098474be4ec5ff148c5eb1.jkddztszm.acm-validations.aws.

TTL

Automatic

Remove

Edit

Type

CNAME Record

Host

_59ee874cefae31007dac76a90a0e1a1d

Target

_b9486b0b30907c61981528aaae22b905.jkddzztszm.ac
m-validations.aws.

TTL

Automatic



Type

CNAME Record

Host

www

Target

task-management-alb-551903363.us-east-1.elb.amazonaws.com.

TTL

Automatic

Remove

Edit

Type

URL Redirect Record

Host

@

Destination URL

https://www.programpeer.com

Permanent (301)

Remove

Edit

Type

CNAME Record

Host

_4c5cb01706cb11d6977b09d20a64886a

Target

_23a13a0aa7098474be4ec5ff148c5eb1.jkddzztszm.acm-validations.aws.

TTL

Automatic

Remove

Edit

Type

CNAME Record

Host

_59ee874cefae31007dac76a90a0e1a1d.www

Target

_b9486b0b30907c61981528aaae22b905.jkddzztszm.ac
m-validations.aws.

TTL

Automatic

is it correct now






➡ SOON Next steps (after status = Issued) ----- I'll guide you through: 1. Adding ****HTTPS (443)**** listener to ALB 2. Attaching this certificate 3. Redirecting HTTP → HTTPS

status has been issued
what next?



it is taking to much time to open website
like i have <http://www.programpeer.com> this url and it is
continously loading nothing opens it



STEP 1 — Test HTTPS directly (very important) ----- Open ****this exact URL**** in browser: arduino Copy code `https://www.programpeer.com` ### Tell me what happens: *  App opens? *  Still loading? *  Browser error (like connection...


This site can't be reached
www.programpeer.com took too long to respond.
Try:

Checking the connection
Checking the proxy and the firewall
Running Windows Network Diagnostics
ERR_CONNECTION_TIMED_OUT
this was the response



tell me how to debug



1. Open a terminal (or Command Prompt on Windows). 2. Run: bash Copy code `nslookup www.programpeer.com`  You should see a result like: java Copy code `Non-authoritative answer: www.programpeer.com canonical name = task-management-alb-551903363.us-...

```
C:\Users\abdul>nslookup www.programpeer.com
```

```
Server: UnKnown
```

```
Address: 192.168.0.1
```

```
Non-authoritative answer:
```

```
Name: task-management-alb-551903363.us-east-1.elb.amazonaws.com
```

```
Addresses: 35.153.242.3
```

```
54.88.159.114
```

```
Aliases: www.programpeer.com
```




guide me step by step what to do and how to do?



Step 2: Check target group ----- 1. Go to **AWS Console → EC2 → Target Groups → Your target group**. 2. Click **Targets** → Make sure your EC2 instance is **Healthy**. 3. If it's **Unhealthy**: * Click on **Target → Edit → Port** → Make sure the por..

Target group: task-management

Details

Targets

Monitoring

Health checks

Attributes

Tags

Details

arn:aws:elasticloadbalancing:us-east-1:590183872712:targetgroup/task-management/a57bcf96b9a5fab2

Target type

Instance

Protocol : Port

HTTP: 80

Protocol version

HTTP1

VPC

vpc-0ac96cefdfa19b9f1

IP address type

IPv4

Load balancer

task-management-alb

2

Total targets

0

Healthy

0 Anomalous

2

Unhealthy

0

Unused

0

Initial

0

Draining how to correct this



```
systemd    1          root  87u IPv4  4081    0t0  TCP
*:22 (LISTE)
systemd    1          root  88u IPv6  4083    0t0  TCP
*:22 (LISTE)
systemd-r  343 systemd-resolve 15u IPv4  3710
0t0  TCP 127.0.0.53:53 (LISTEN)
systemd-r  343 systemd-resolve 17u IPv4  3712
0t0  TCP 127.0.0.54:53 (LISTEN)
nginx      610          root   5u IPv4  5805    0t0  TCP
*:80 (LISTE)
nginx      611 www-data   5u IPv4  5805    0t0
TCP *:80 (LISTE)
nginx      612 www-data   5u IPv4  5805    0t0
TCP *:80 (LISTE)
node\x20/  847        ubuntu  23u IPv6  7167    0t0
TCP *:3000 (LISTEN)
sshd       1103         root   3u IPv4  4081    0t0  TCP
*:22 (LISTE)
sshd       1103         root   4u IPv6  4083    0t0  TCP
*:22 (LISTE)
```



```
GNU nano 7.2 /etc/nginx/sites-
available/taskmanagement *
server {
    listen 80;
    server_name _;

    # FRONTEND
    location / {
        proxy_pass http://127.0.0.1:3001;
        proxy_http_version 1.1;

        proxy_set_header Upgrade $http_upgrade;
        proxy_set_header Connection 'upgrade';
        proxy_set_header Host $host;
        proxy_cache_bypass $http_upgrade;
    }

    # BACKEND (strip /api)
    location /api/ {
        rewrite ^/api/(.*)$ /$1 break;
        proxy_pass http://127.0.0.1:3000/;
        proxy_http_version 1.1;

        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For
$proxy_add_x_forwarded_for;
    }
} this is my config
```



/home/ubuntu/.pm2/logs/frontend-error.log last 15 lines:

```
1|frontend | Error: listen EADDRINUSE: address already  
in use :::3000
```

```
1|frontend |   at <unknown> (Error: listen  
EADDRINUSE: address already in use :::3000)
```

```
1|frontend |   at new Promise (<anonymous>) {
```

```
1|frontend |     code: 'EADDRINUSE',
```

```
1|frontend |     errno: -98,
```

how to solve this issue that whenever it automatically
start , the port should be 3001

```
1|frontend |   address: '::',
```

```
1|frontend |   port: 3000
```

```
1|frontend | }
```

```
1|frontend | × [TypeError: Cannot read properties of  
undefined (reading 'aa')] {
```

```
1|frontend |   digest: '718040810'
```

```
1|frontend | }
```

```
1|frontend | × [TypeError: Cannot read properties of  
undefined (reading 'aa')] {
```

```
1|frontend |   digest: '718040810'
```

```
1|frontend | }
```



1. Open your **frontend app config** (usually `package.json` or `.env`). 2. If using `.env` file, add or change: `env` Copy code `PORT=3001` 3. If using code to set the port: `js` Copy code `const port = process.env.PORT || 3001; app.listen(port, () => console.log('Frontend..`

how to do this
my frontend is in next js
so how to change this project port



which option is better and save and when pm2 automatically start the project it will use port 3001 ?



i have made changes in port
and now my backend port is 4000 and frontend port is
3000 so how do i make change in the nginx config file



server_name _;
do i change server name or remain as it is?



2

Total targets

0

Healthy

0 Anomalous

2

Unhealthy

what to do that it become healthy?



| Option | Value | | --- | --- | | Protocol | HTTP | | Path | `/` (for frontend) |

on slash there is no page
i have direct on /login?



do i also have to change in the nginx config?



2
Total targets
0
Healthy
0 Anomalous
2
Unhealthy still same



sg-0a65cd8f6ac25988f - TaskManagement-SG

Details

Inbound rules

Outbound rules

Sharing

VPC associations

Tags

Inbound rules (3)

Manage tags

Edit inbound rules

1

Name

Security group rule ID

IP version

Type

Protocol

Port range

Source

Description

Name

Security group rule ID

IP version

Type

Protocol

Port range

Source

Description

-

sgr-0876867859ccf57bc

IPv4

HTTPS

TCP

443

0.0.0.0/0

-

-

sgr-086b5a75b5c998370

IPv4

HTTP

TCP

80

0.0.0.0/0

-

-

sgr-05914c7ec593e329e

IPv4

SSH

TCP

22

sg-0bba6a6a4bcb0c04f - loadBalancerSG

Details

Inbound rules

Outbound rules

Sharing

VPC associations

Tags

Inbound rules (2)

Manage tags

Edit inbound rules

1

Name

Security group rule ID

IP version

Type

Protocol

Port range

Source

Description

Name

Security group rule ID

IP version

Type

Protocol

Port range

Source

Description

-

sgr-0f13717105906ef37

IPv4

HTTPS

TCP

443

0.0.0.0/0

-

-

sgr-0f54b2c7203de460b

IPv4

HTTP

TCP

80

ask-management\$ curl -i http://52.45.96.186/login

HTTP/1.1 200 OK

Server: nginx/1.24.0 (Ubuntu)

Date: Thu, 25 Dec 2025 17:10:13 GMT

Content-Type: text/html; charset=utf-8

ubuntu@ip-10-0-1-52:~/task-management\$ curl -i

http://127.0.0.1/login

HTTP/1.1 200 OK

Server: nginx/1.24.0 (Ubuntu)

Date: Thu, 25 Dec 2025 17:09:00 GMT

Content-Type: text/html; charset=utf-8



2
Total targets
1
Healthy
0 Anomalous
1
Unhealthy



i-08da2891e34fbc879

80

us-east-1b (use1-az6)

Draining

Target deregistration is in progress

No override

No override is currently active on target

December 25, 2025, 22:03 (UTC+05:00)

Normal

i-0ba85fe0cf47f9899

Task Management

80

us-east-1a (use1-az4)

Unhealthy

Request timed out

No override

No override is currently active on target

December 25, 2025, 19:07 (UTC+05:00)

Normal

Instance summary for i-0ba85fe0cf47f9899 (Task Management) Info

Connect

Instance state

Actions

Updated 1 minute ago

Instance ID

i-0ba85fe0cf47f9899

Public IPv4 address

52.45.96.186 | open address

Private IPv4 addresses

10.0.1.52

IPv6 address

–

Instance state

Running

Public DNS

-

Hostname type

IP name: ip-10-0-1-52.ec2.internal

Private IP DNS name (IPv4 only)

ip-10-0-1-52.ec2.internal

Answer private resource DNS name

-

Instance type

t3.micro

Elastic IP addresses

52.45.96.186 (TaskManagement)

[Public IP]

Auto-assigned IP address

-

VPC ID

vpc-0ac96cefdfa19b9f1 (TaskManagement(VPC))

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations.

|

Learn more

IAM Role

-

Subnet ID

subnet-0c0fd854e6ce194d7 (Public Subnet A)

Auto Scaling Group name

-

IMDSv2

Required

Instance ARN

arn:aws:ec2:us-east-1:590183872712:instance/i-0ba85fe0cf47f9899

Managed

false

Operator

-

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance details

Info

AMI ID

ami-0ecb62995f68bb549

Monitoring

disabled

Platform details

Linux/UNIX

AMI name

ubuntu/images/hvm-ssd-gp3/ubuntu-noble-24.04-
amd64-server-20251022

Allowed image

-

Termination protection

Disabled

Stop protection

Disabled

Launch time

Thu Dec 25 2025 19:07:08 GMT+0500 (Pakistan
Standard Time) (about 3 hours)

AMI location

amazon/ubuntu/images/hvm-ssd-gp3/ubuntu-noble-
24.04-amd64-server-20251022

Instance reboot migration

Default (On)

Instance auto-recovery

Default

Lifecycle

normal

Stop-hibernate behavior

Disabled
AMI Launch index
0
Key pair assigned at launch

taskManagement
State transition reason
-
Credit specification
unlimited
Kernel ID
-
State transition message
-
Usage operation
RunInstances
RAM disk ID
-
Owner
590183872712
Enclaves Support
Disabled
Boot mode
uefi-preferred
Current instance boot mode
uefi
Allow tags in instance metadata
Disabled
Use RBN as guest OS hostname
Disabled
Answer RBN DNS hostname IPv4
Disabled
Host and placement group
Info
Host ID
-
Affinity
-
Placement group
-
Host resource group name

- Tenancy
default
Placement group ID
- Virtualization type
hvm
Reservation
r-05692824ab3d7b992
Partition number
- Number of vCPUs
2
Capacity reservation
Info
Capacity Reservation ID
- Capacity Reservation setting
open



now one is healthy and other is unhealthy
i-0c7fd48644294f7c7

80

us-east-1b (use1-az6)

Healthy

-

No override

No override is currently active on target

December 25, 2025, 22:15 (UTC+05:00)

Normal

i-0ba85fe0cf47f9899

Task Management

80

us-east-1a (use1-az4)

Unhealthy

Request timed out

No override

No override is currently active on target

December 25, 2025, 19:07 (UTC+05:00)

Normal



now both instance are healthy



there is a small issue
when i first visit website it shows me login page and i
logged in it takes me to the dashboard
but after i logged in and again visit website it shows me
blank white page
when in the url i type login , dashboard then it take me
to the dashboard else not



in next js project there i haven't defined any routing



i have defined routing
but the issue i am facing is that
when i first visit website it automatically shows me login
page and i add credential it takes me to the dashboard
then i close the website
after closing website i again visit the website it shows
me blank page when i add dashboard to the url then it
shows me dashboard else not how to solve this issue



```
import { useEffect, useState } from 'react';
import { useRouter } from 'next/router';
import Cookies from "js-cookie";
export default function Dashboard() {
  const router = useRouter();
  const [loading, setLoading] = useState(true);

  useEffect(() => {
    const token = Cookies.get("auth_token");
    if (!token) {
      router.replace('/login');
    } else {
      setLoading(false);
    }
  }, []);

  if (loading) return <p>Loading...</p>;

  return <div>Welcome to Dashboard</div>;
}
```

i want that if it has token go to the dashboard page on /dashboard else go to the login