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2KE20CS032

Assignment 40

Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.

AWS

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Assignment:7 Create your subdomains in the configured host Zone

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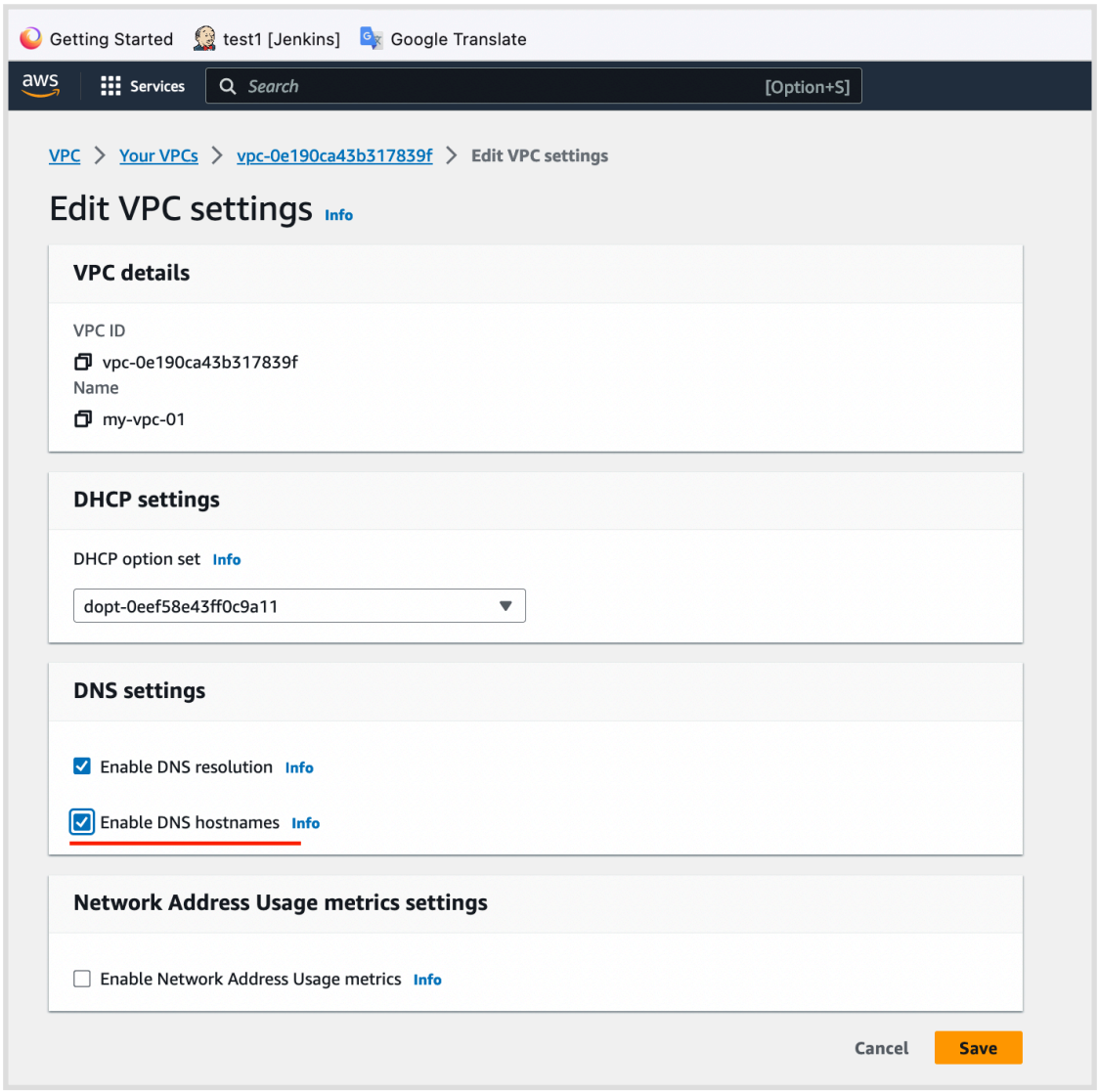
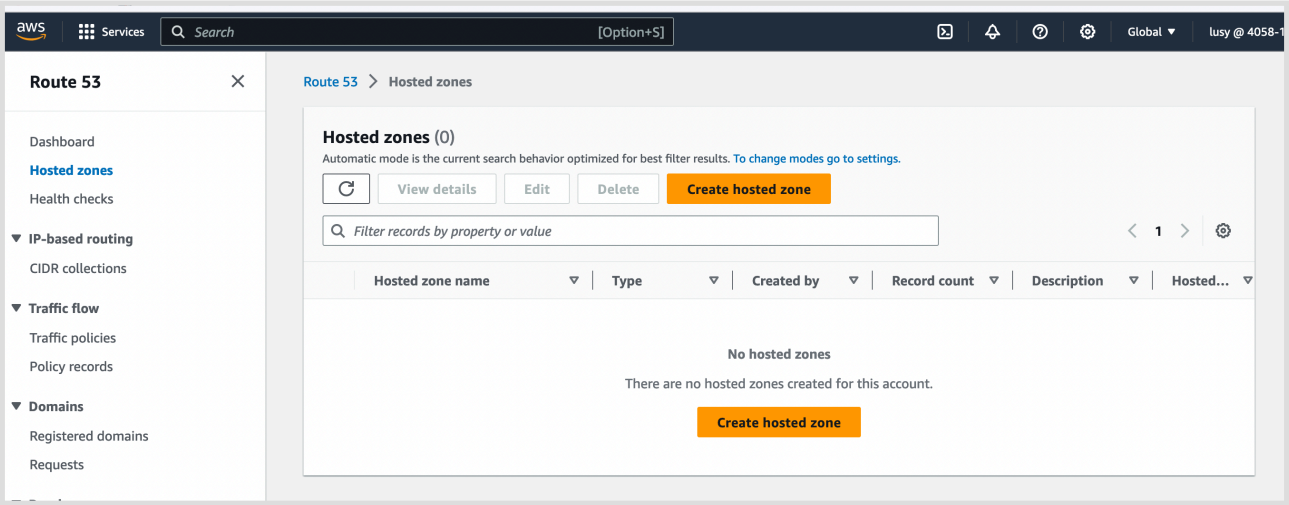
Note : Apply the settings in your VPC before you start with the Hosted zone configurations



Steps to access your private instance within your network using private hosted Zone

1. Navigate to Route 53 Dashboard and Click on Create Hosted Zones



2. Give your custom domain name and choose the type as Private Hosted Zone

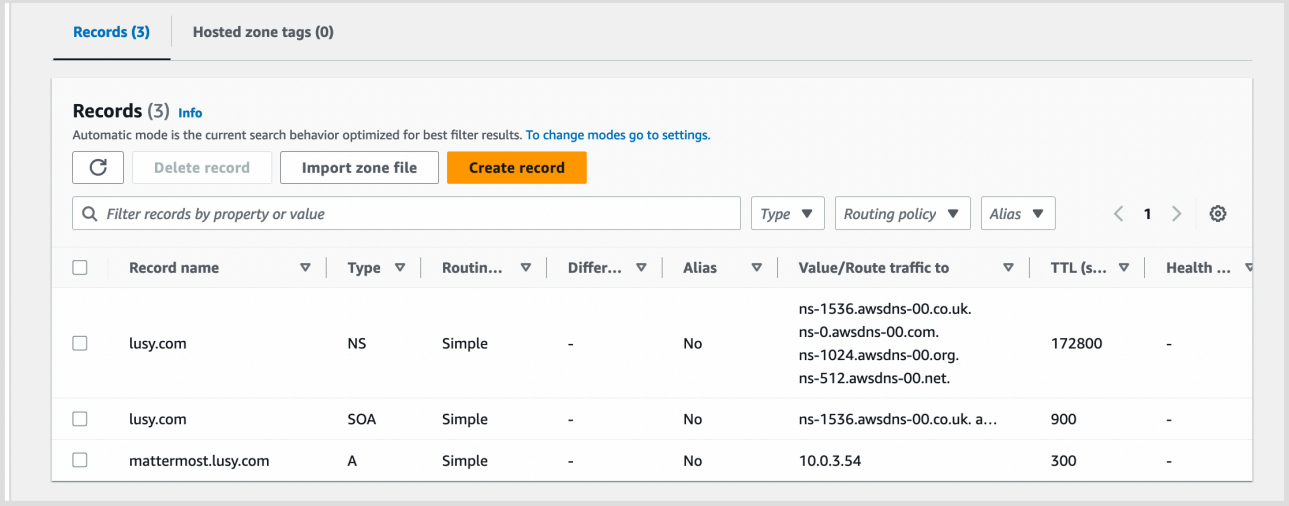
3. Choose your Region and VPC

4. Add Tags and click on Create Hosted zone your zone will be created

5. Navigate to your hosted zone and click on Create record

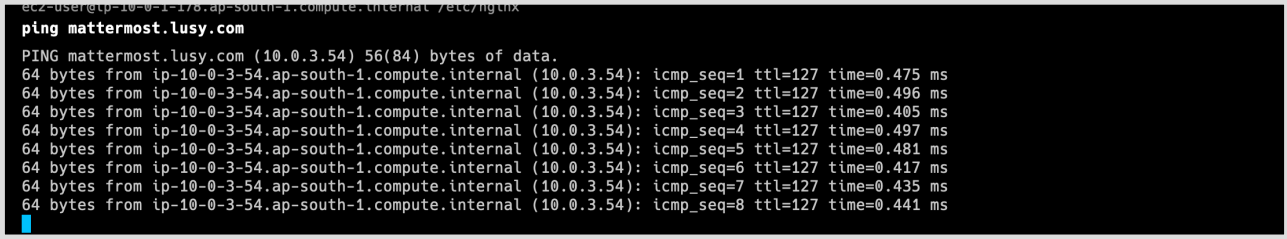
6. create an A record (this is your root Domain keep the record name empty)

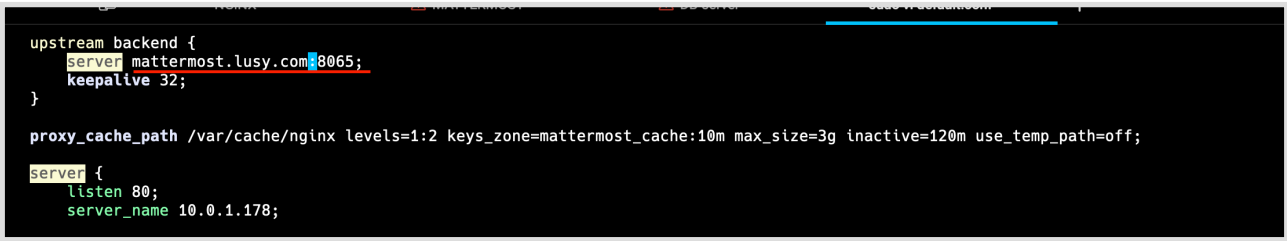
7. Give your Mattermost instance IP address in value and click on Create records



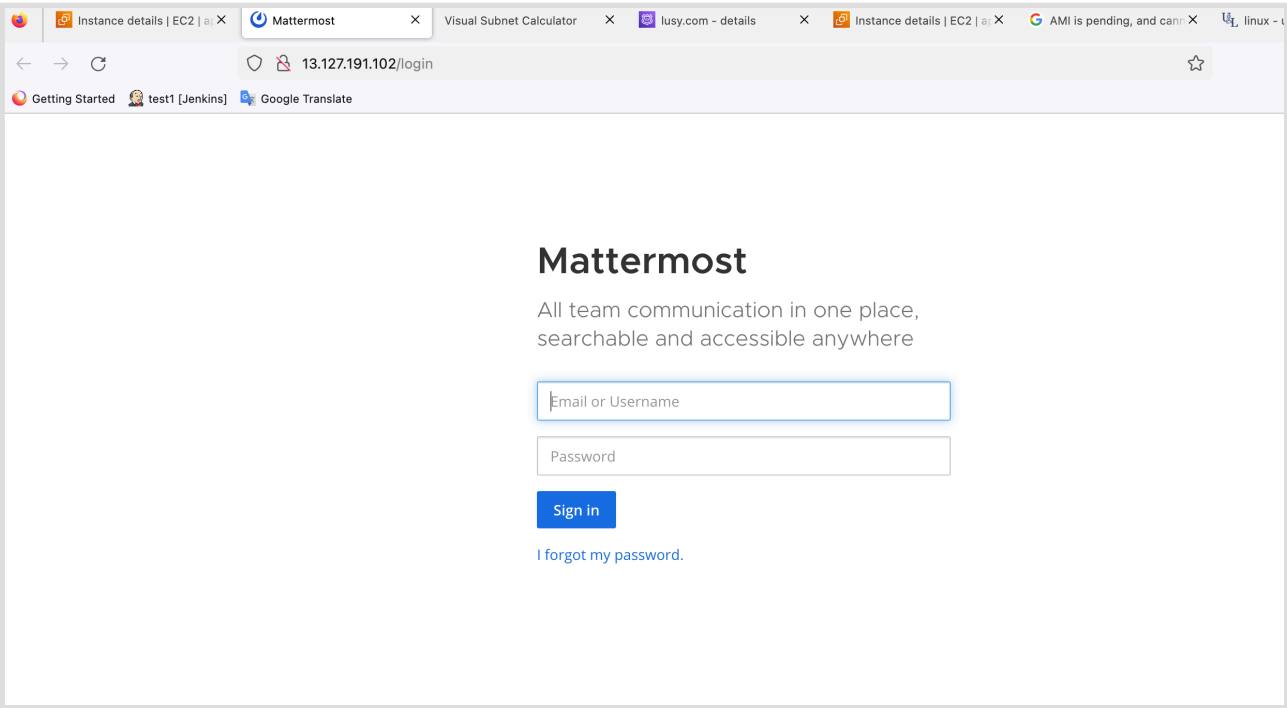
8. Login to your nginx instance and point to your matter most instance using the domain name that you have created just now instead of ip address

TEST

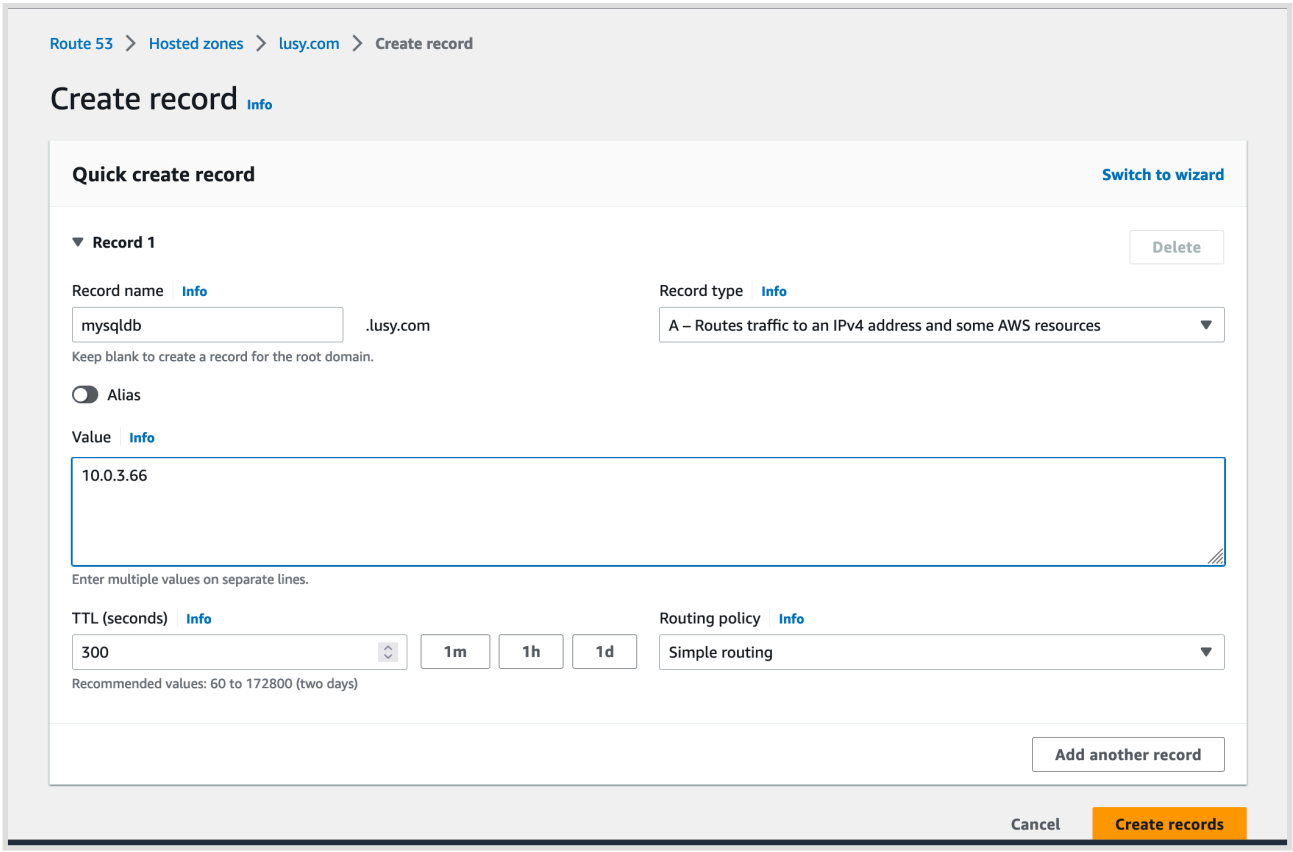


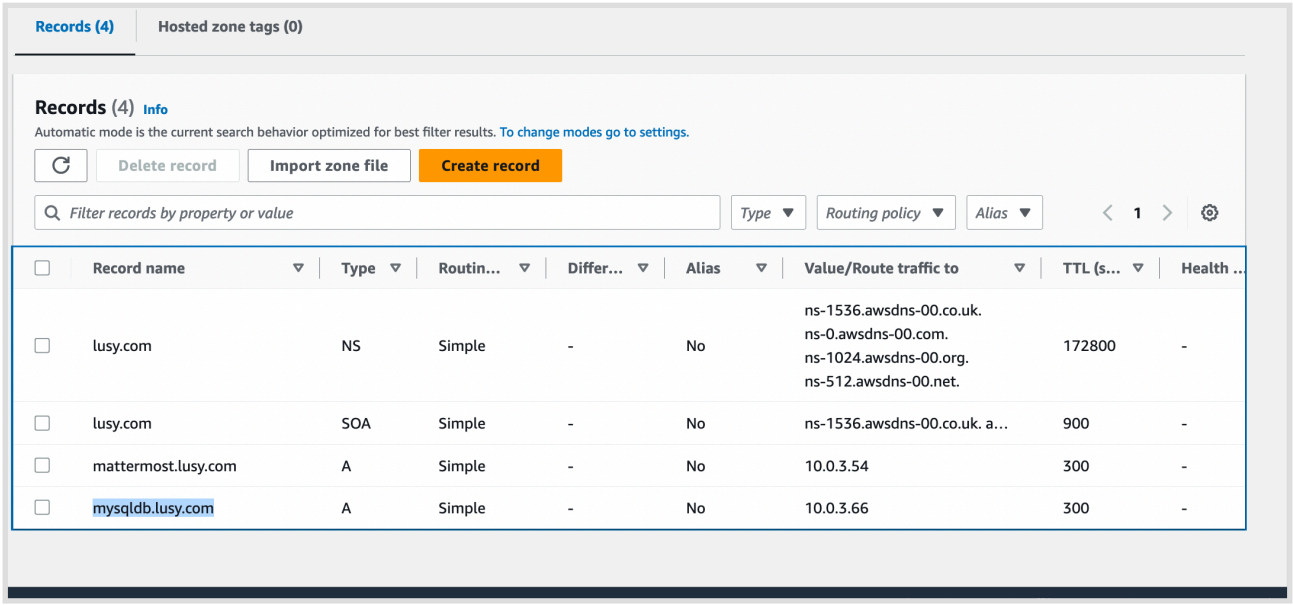


9. Now start your Mattermost and MySQL instances and access your nginx it should show the Mattermost page



10. Similarly create a subdomain for the MySQL instance log in to your matter most and point your MySQL instance using the subdomain name that you have created just now instead of IP address





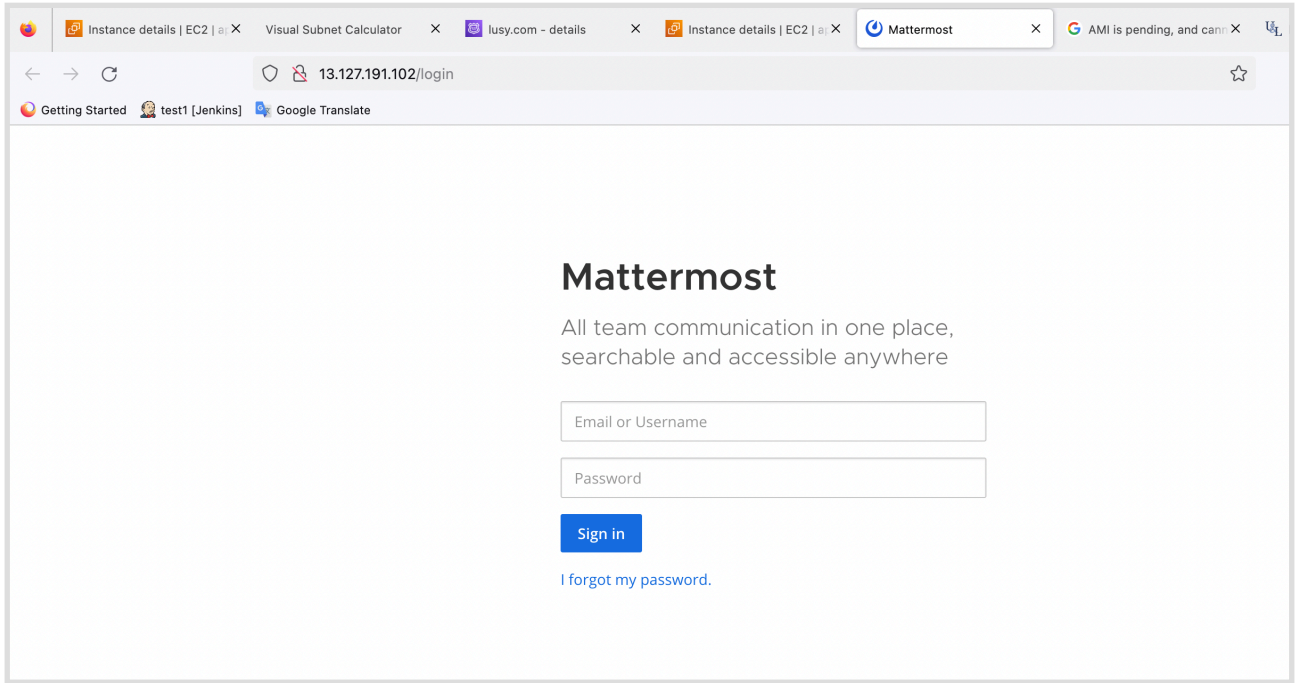
```
[ec2-user@ip-10-0-3-54 ~]$ ping mysqldb.lusy.com
PING mysqldb.lusy.com (10.0.3.66) 56(84) bytes of data.
64 bytes from ip-10-0-3-66.ap-south-1.compute.internal (10.0.3.66): icmp_seq=1 ttl=127 time=0.429 ms
64 bytes from ip-10-0-3-66.ap-south-1.compute.internal (10.0.3.66): icmp_seq=2 ttl=127 time=0.469 ms
64 bytes from ip-10-0-3-66.ap-south-1.compute.internal (10.0.3.66): icmp_seq=3 ttl=127 time=0.432 ms
```

Test in app-server

```
  },
  "SqlSettings": {
      "DriverName": "mysql",
      "DataSource": "mattermost:Mattermost!123@tcp(mysqldb.lusy.com:3306)/mattermost?charset=utf8mb4,utf8\u0026writeTimeout=30s",
      "DataSourceReplicas": [],
```

```
[ec2-user@ip-10-0-3-54 ~]$ sudo systemctl restart mattermost
[ec2-user@ip-10-0-3-54 ~]$ sudo systemctl status mattermost
● mattermost.service - Mattermost
     Loaded: loaded (/etc/systemd/system/mattermost.service; enabled; preset: disabled)
     Active: active (running) since Tue 2023-11-14 18:35:44 UTC; 3s ago
   Main PID: 2652 (mattermost)
      Tasks: 32 (limit: 1114)
     Memory: 351.7M
        CPU: 6.239s
```

11. Now access your nginx in the browser it should show the Mattermost page



Done Assignment

Additional (But we cant access outside the network)

```
upstream backend {
    server mattermost.lusy.com:8065;
    keepalive 32;
}

proxy_cache_path /var/cache/nginx levels=1:2 keys_zone=mattermost_cache:10m max_size=3g inactive=120

server {
    listen 80;
    server_name nginx.lusy.com;

    location ~ /api/v[0-9]+/(users/)?websocket$ {
        proxy_set_header Upgrade $http_upgrade;
        proxy_set_header Connection "upgrade";
        client_max_body_size 50M;
        proxy_set_header Host $http_host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
```

```
ec2-user@ip-10-0-1-178.ap-south-1.compute.internal:/etc/nginx/conf.d (0.122s)
curl http://nginx.lusy.com
```

But we cant access out side our VPC

```
<!doctype html><html lang="en"><head><meta charset="utf-8"><meta name="viewport" content="width=devic
ts" content="noindex, nofollow"><meta name="referrer" content="no-referrer"><title>Mattermost</title>
-name" content="Mattermost"><meta name="format-detection" content="telephone=no"><link rel="icon" typ
es="16x16"><link rel="icon" type="image/png" href="/static/images/favicon/favicon-default-24x24.png"
con/favicon-default-32x32.png" sizes="32x32"><link rel="icon" type="image/png" href="/static/images/f
age/png" href="/static/images/favicon/favicon-default-96x96.png" sizes="96x96"><link rel="stylesheet"
vetica,Arial,sans-serif;padding-top:50px;max-width:750px;font-size:14px;color:#333;margin:auto;displa
ne-height:1.2}.error-screen ul{padding-left:15px;line-height:1.7;margin-top:0;margin-bottom:10px}.err
r-top:1px solid #eee}.error-screen-visible{display:block}</style><meta http-equiv="Content-Security-P
script defer="defer" src="/static/main.54a384511ae531961ca5.js"></script><link href="/static/main.d4d
title" content="Mattermost" /><meta name="apple-mobile-web-app-capable" content="yes" /><meta name="a
e-touch-icon" sizes="76x76" href="/static/icon_76x76.png" /><link rel="apple-touch-icon" sizes="72x72
60" href="/static/icon_60x60.png" /><link rel="apple-touch-icon" sizes="57x57" href="/static/icon_57x
_152x152.png" /><link rel="apple-touch-icon" sizes="144x144" href="/static/icon_144x144.png" /><link
<link rel="manifest" href="/static/manifest.json" /></head><body class="font--open_sans enable-animat
```