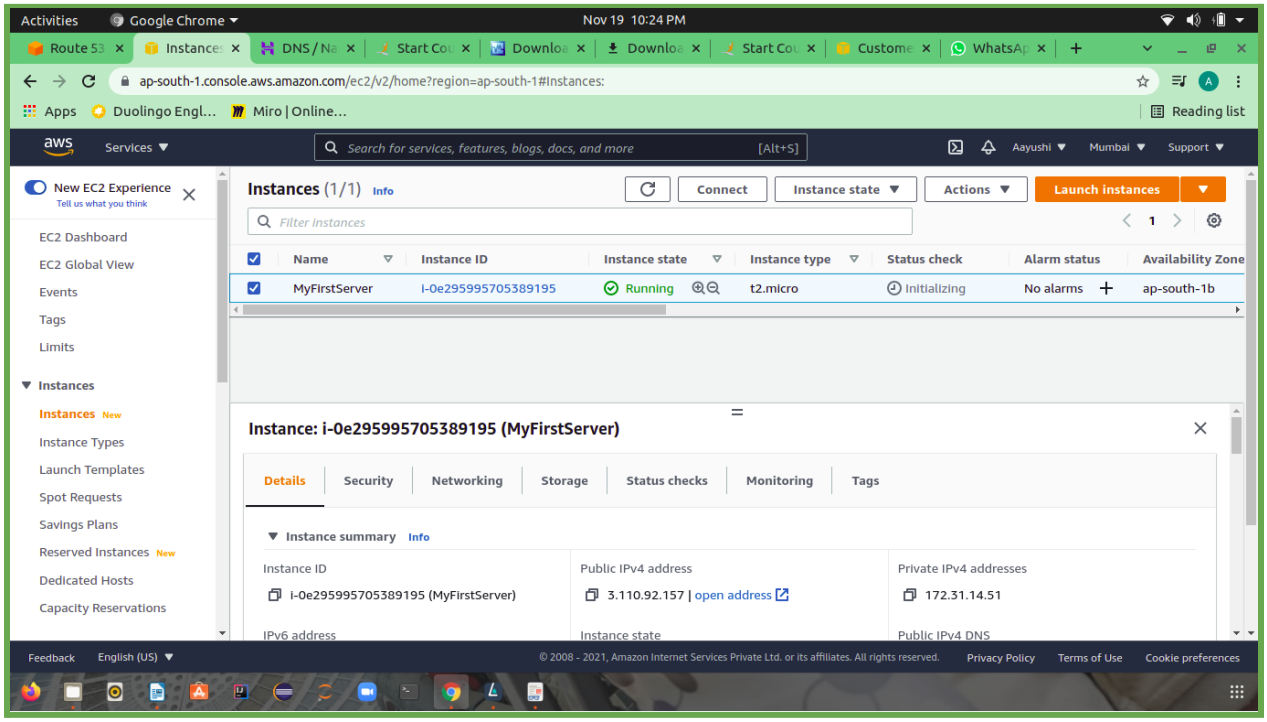
Module -3 Route 53 Assignment - 3

First we create EC2 Instance



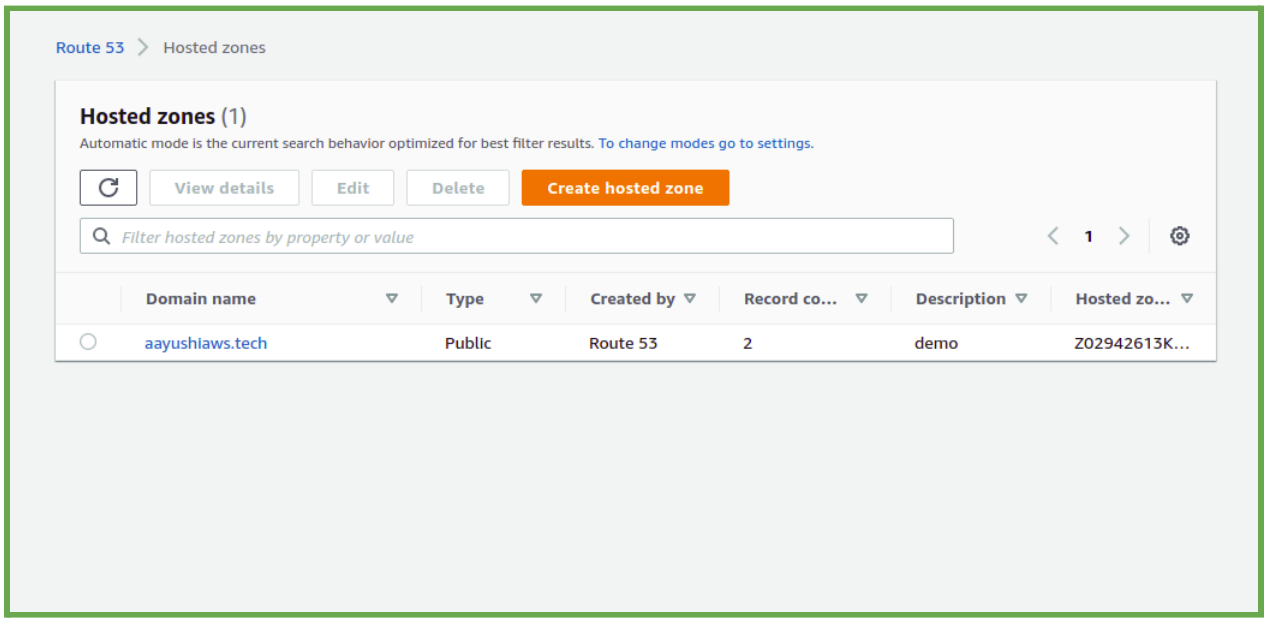
Take remote and create a file index.html with apache2 by using following commands as shown in screenshots below

```
aayushi@Varonica:~$ cd Downloads
aayushi@Varonica:~/Downloads$ sudo su
[sudo] password for aayushi:
root@Varonica:/home/aayushi/Downloads#
root@Varonica:/home/aayushi/Downloads# chmod 400 Mumbai-Keypair.pem
root@Varonica:/home/aayushi/Downloads#
root@Varonica:/home/aayushi/Downloads# ssh -i "Mumbai-Keypair.pem" ec2-user@ec2-
3-110-92-157.ap-south-1.compute.amazonaws.com
The authenticity of host 'ec2-3-110-92-157.ap-south-1.compute.amazonaws.com (3.1
10.92.157)' can't be established.
ECDSA key fingerprint is SHA256:MWcpC/y5GarL/zWk2fvJ6uVgmakEG9Ut+Do86Ekzb/A.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-110-92-157.ap-south-1.compute.amazonaws.com,3.
110.92.157' (ECDSA) to the list of known hosts.
Last login: Fri Nov 19 16:56:14 2021 from ec2-13-233-177-1.ap-south-1.compute.am
azonaws.com

       __|  __|_  )
       _|  (     /   Amazon Linux 2 AMI
      ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-14-51 ~]$
```

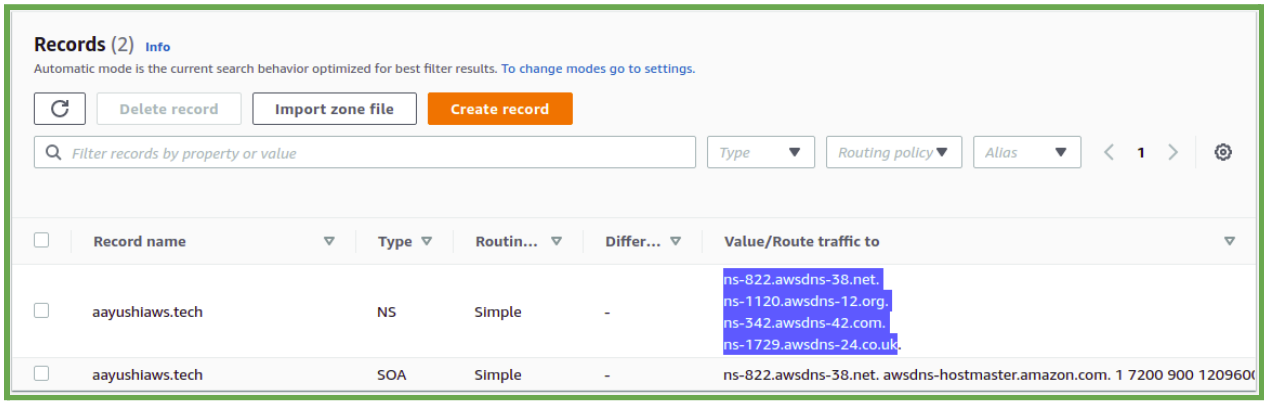
```
[ec2-user@ip-172-31-14-51 ~]$
[ec2-user@ip-172-31-14-51 ~]$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                                | 3.7 kB     00:00
Package httpd-2.4.51-1.amzn2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-14-51 ~]$
[ec2-user@ip-172-31-14-51 ~]$ sudo systemctl start httpd
[ec2-user@ip-172-31-14-51 ~]$ sudo systemctl enable httpd
[ec2-user@ip-172-31-14-51 ~]$ sudo systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset
: disabled)
   Active: active (running) since Fri 2021-11-19 16:54:05 UTC; 6min ago
     Docs: man:httpd.service(8)
 Main PID: 2869 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes se
rved/sec:   0 B/sec"
   CGroup: /system.slice/httpd.service
           ├─2869 /usr/sbin/httpd -DFOREGROUND
           ├─2896 /usr/sbin/httpd -DFOREGROUND
           ├─2897 /usr/sbin/httpd -DFOREGROUND
```

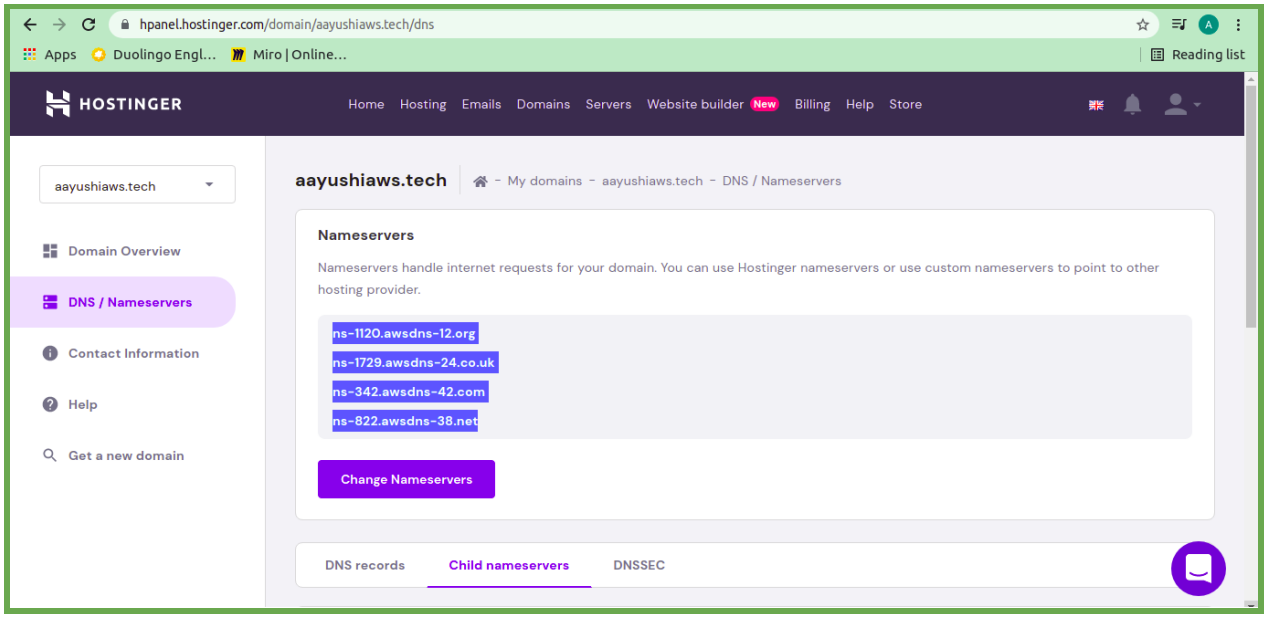
```
[ec2-user@ip-172-31-14-51 ~]$
[ec2-user@ip-172-31-14-51 ~]$ cd /var/www/html
[ec2-user@ip-172-31-14-51 html]$ cat index.html
<h1> MY  WEB  SERVER</h1>
[ec2-user@ip-172-31-14-51 html]$
```

Now create hosted domain

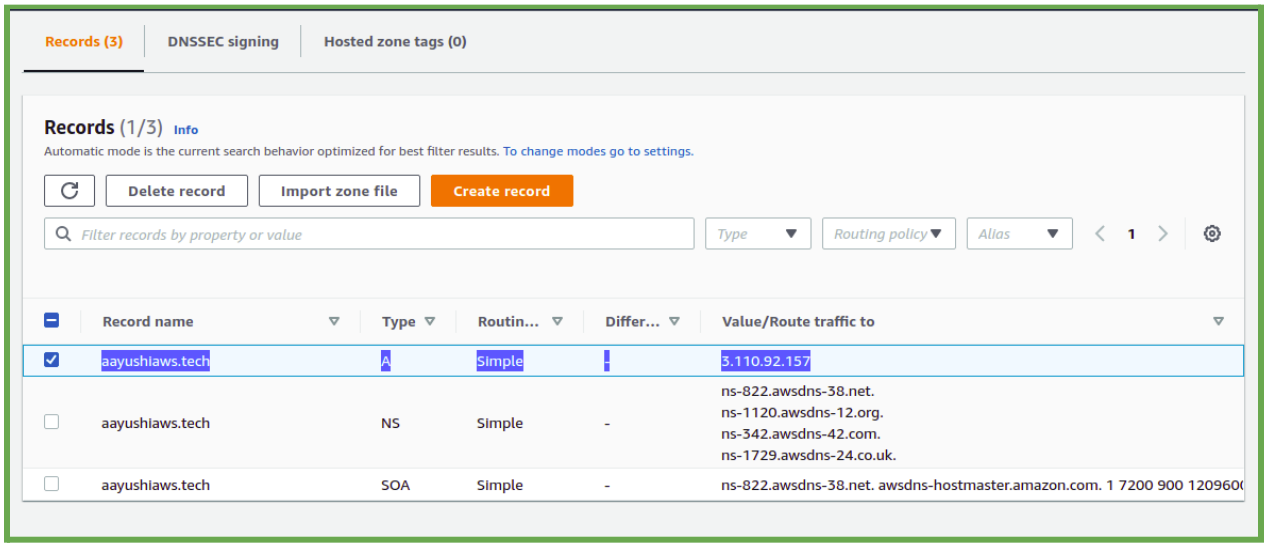


Paste below server command in DNS

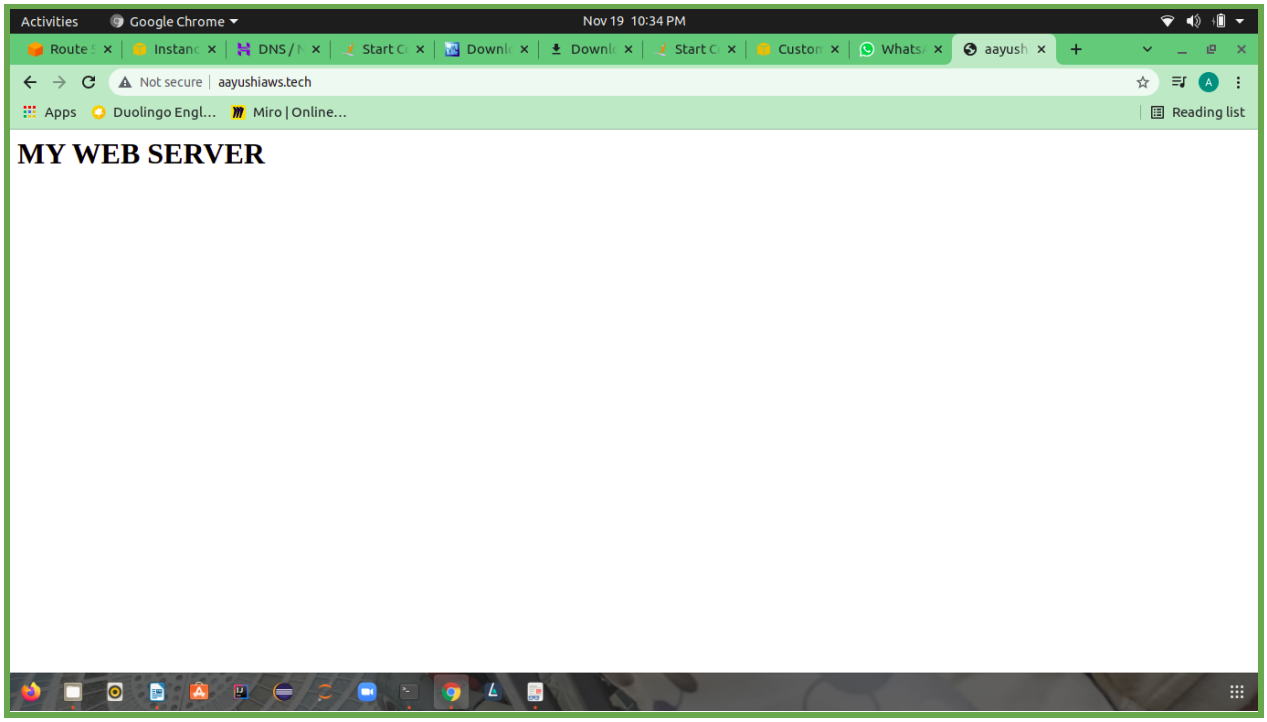




Now create new record by using A record type and simple routing policy



Ping record name on browser


Activities
Google Chrome
Nov 19 10:34 PM
Not secure
aayushiaws.tech
Apps
Duolingo Engl...
Miro | Online...
Reading list
MY WEB SERVER