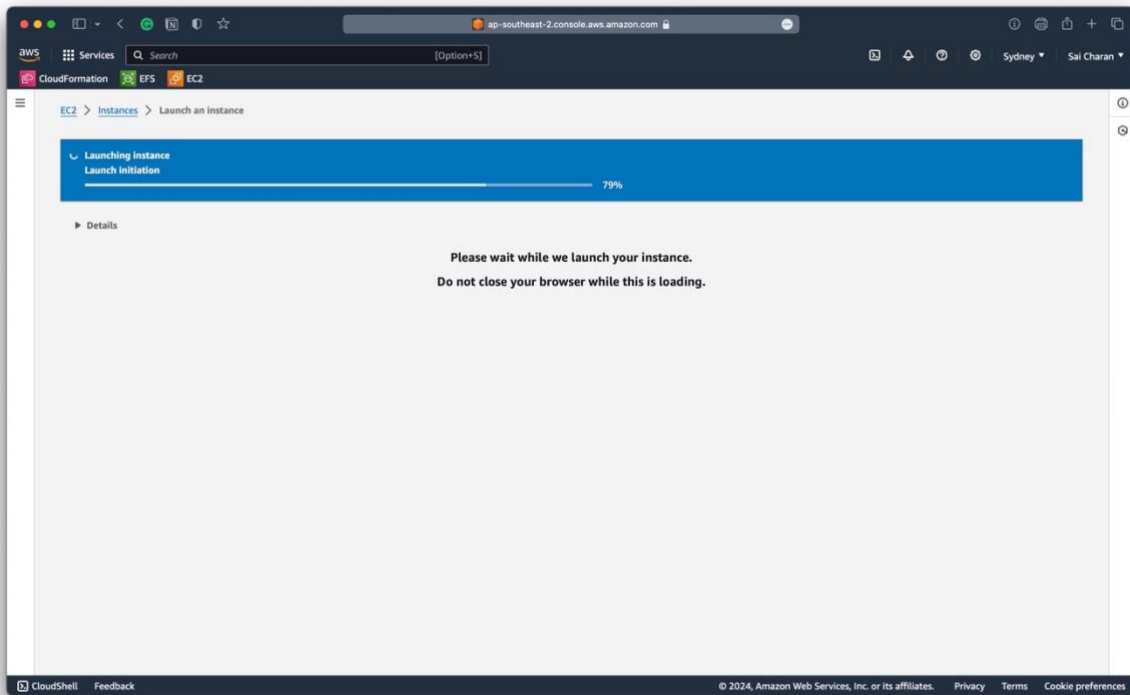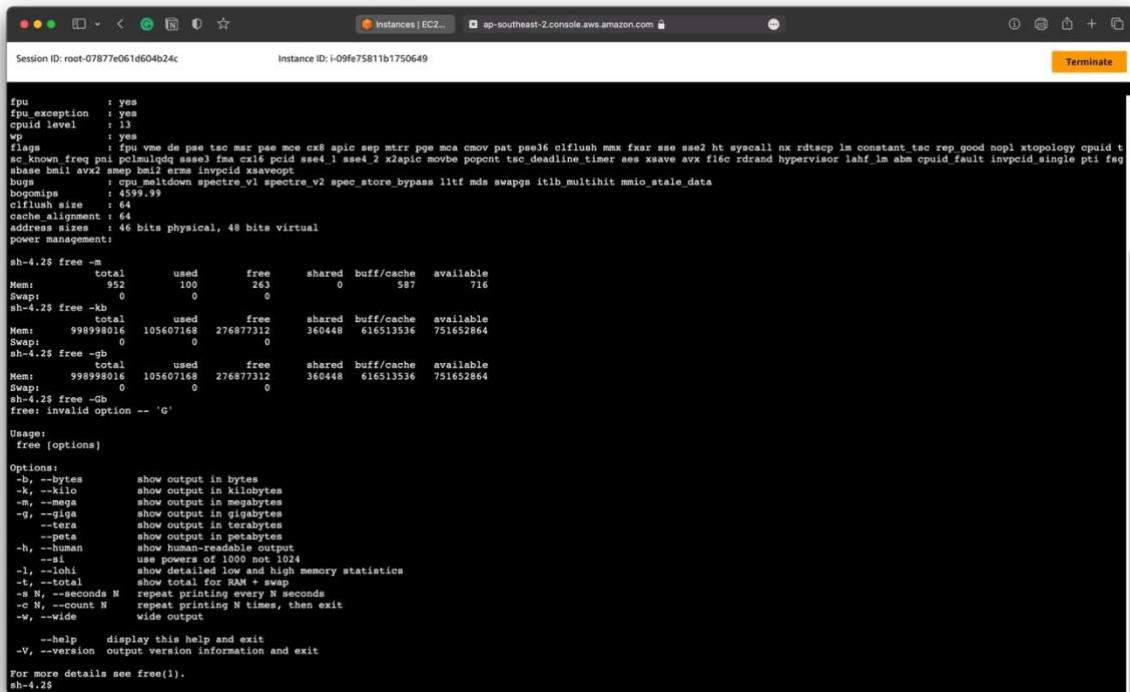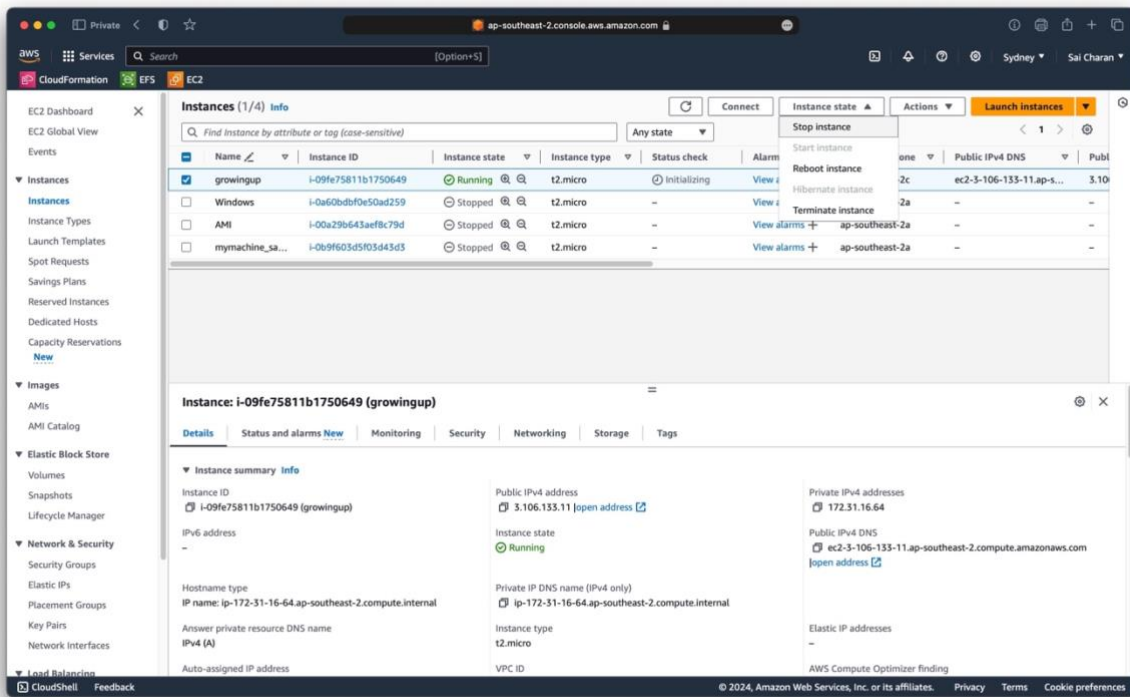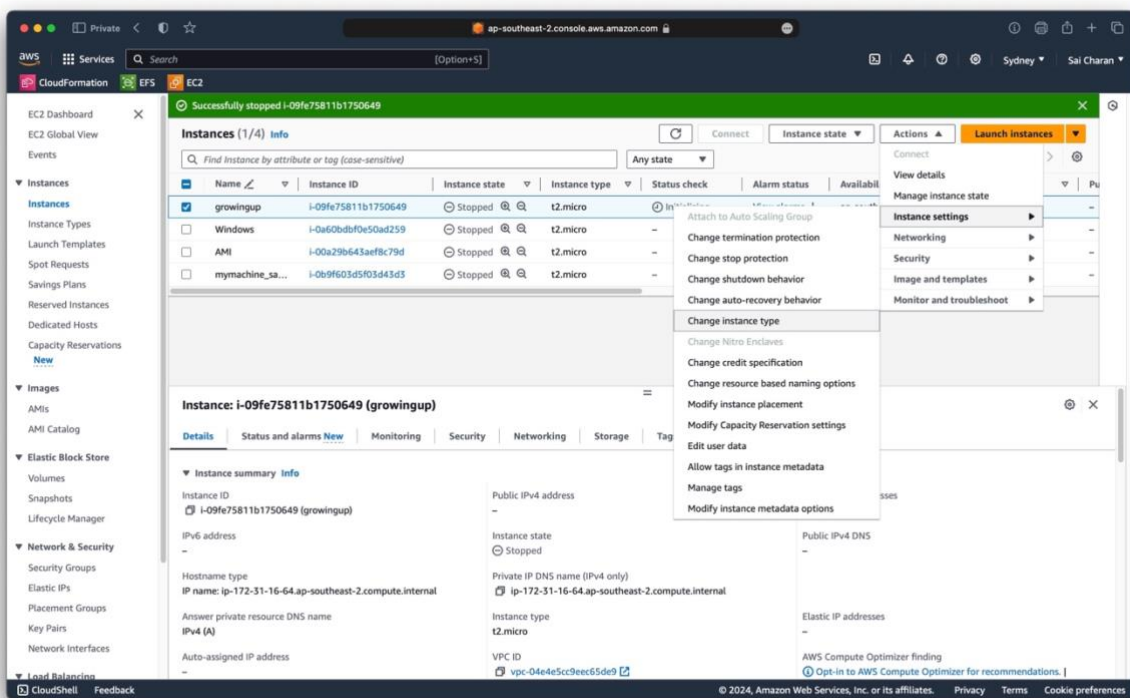Launching the Instance:

Checking the Instance status with " Echo " and cat /proc/cpuinfo
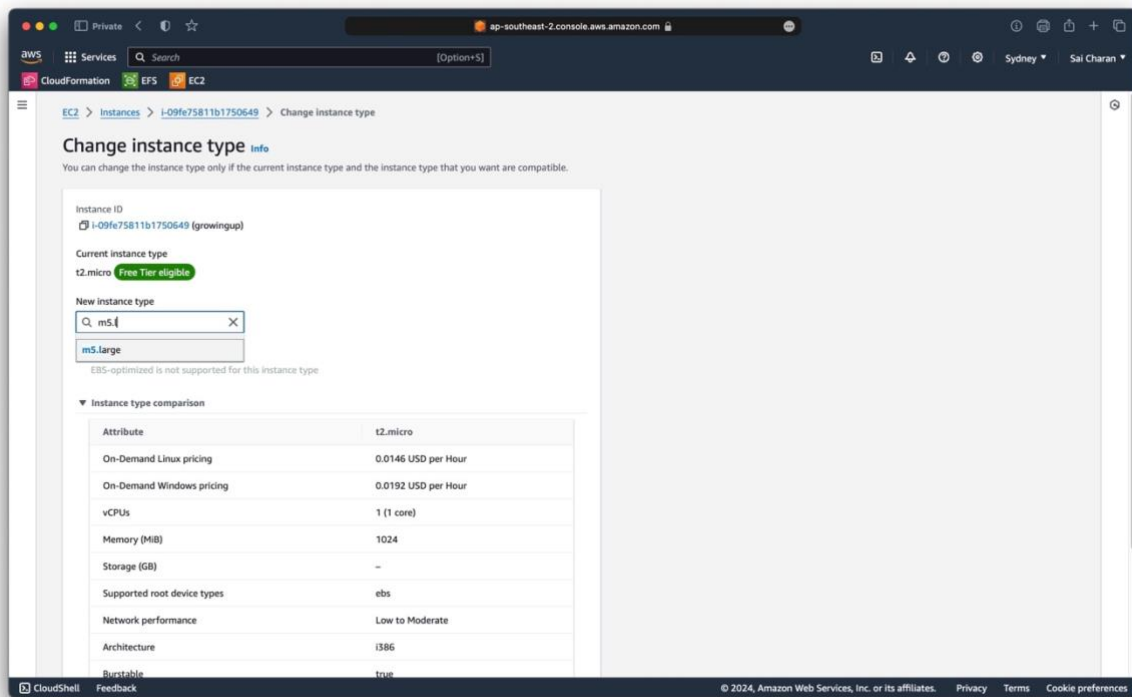
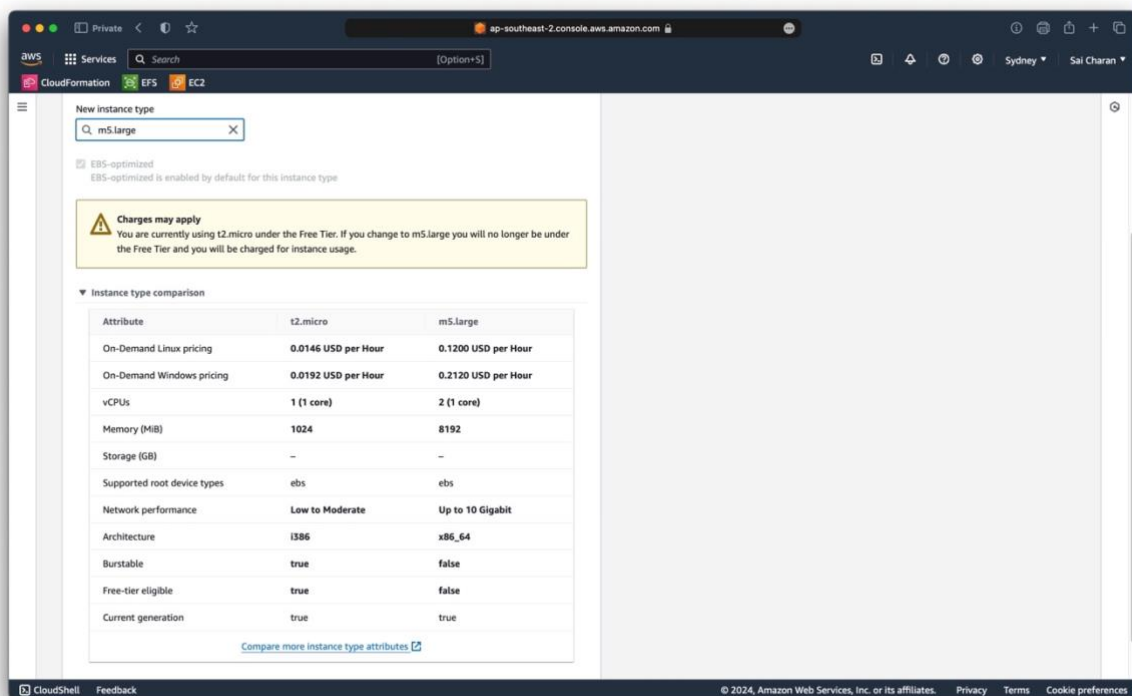Stopping the Instance

Changing the instance type:

Choosing the m5.large:
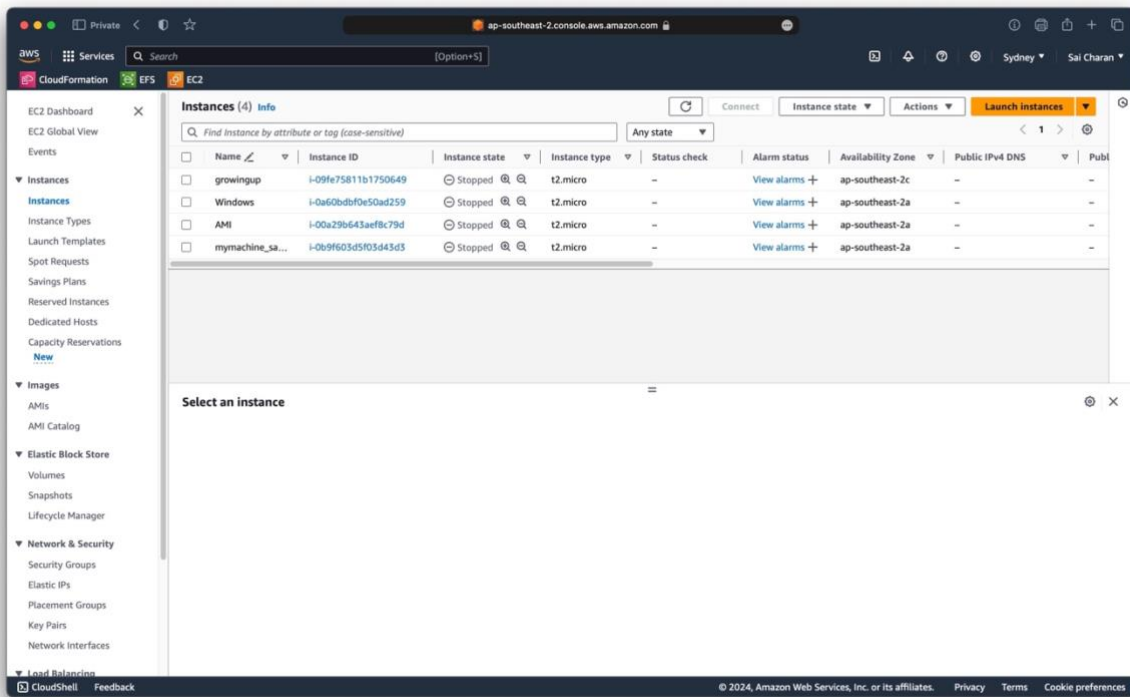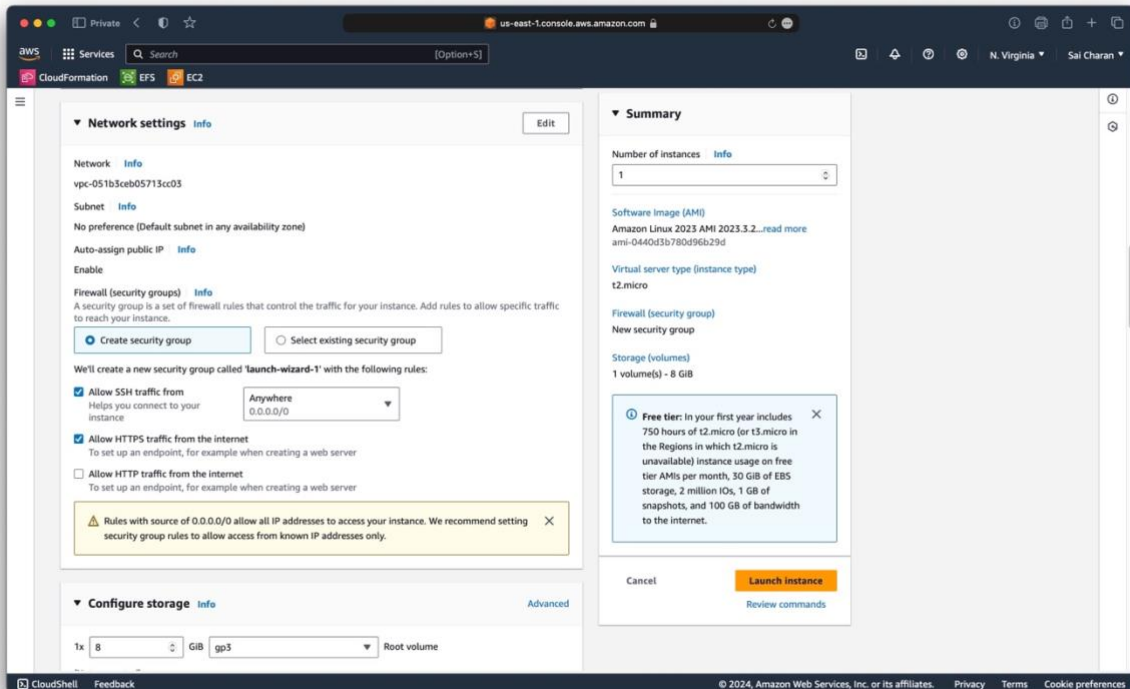

Warning about losing the free trail eligibility

Because I'm already using the "SYDNEY"

Now, I switch to N.Virginia:

Using "sudo yum install httpd -y"

Now using "sudo systemctl start httpd"

Elastic IP:
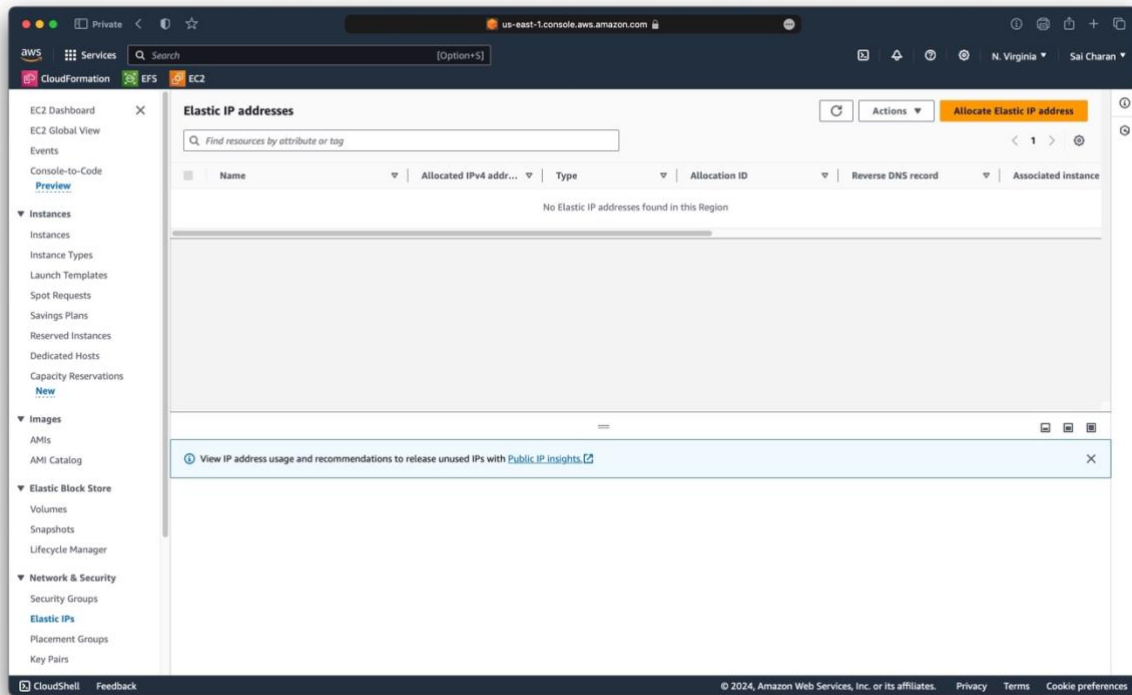
Allocating the IP:
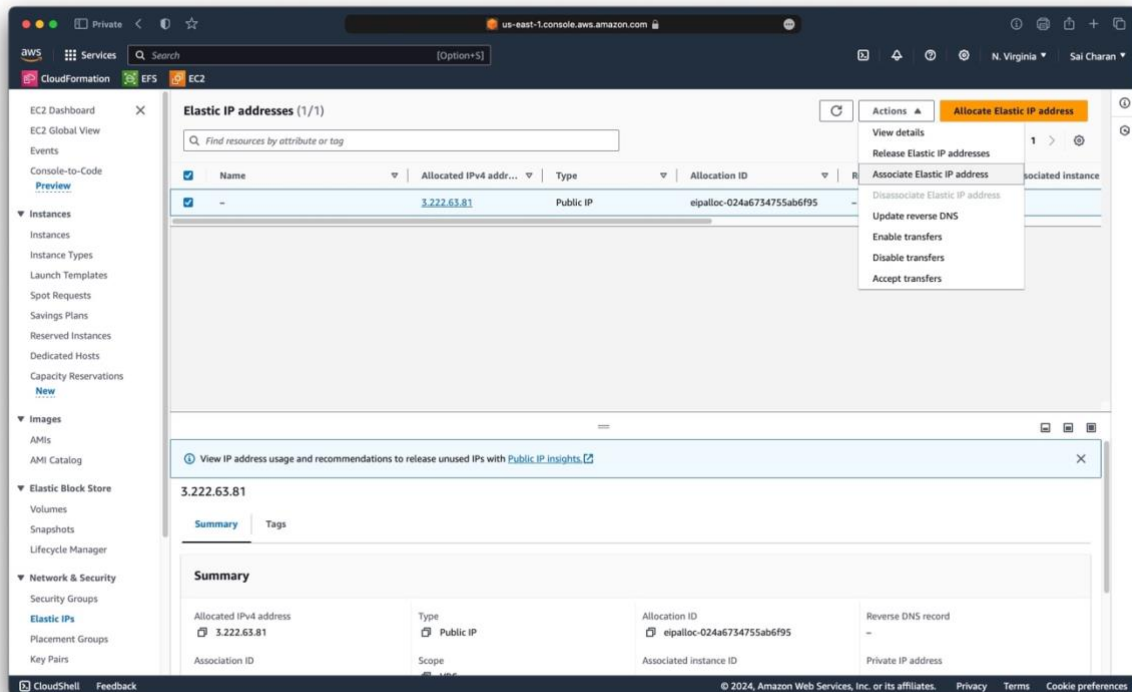
Choosing "i-0087ed8661f318294 (virginia) – running" Instance:
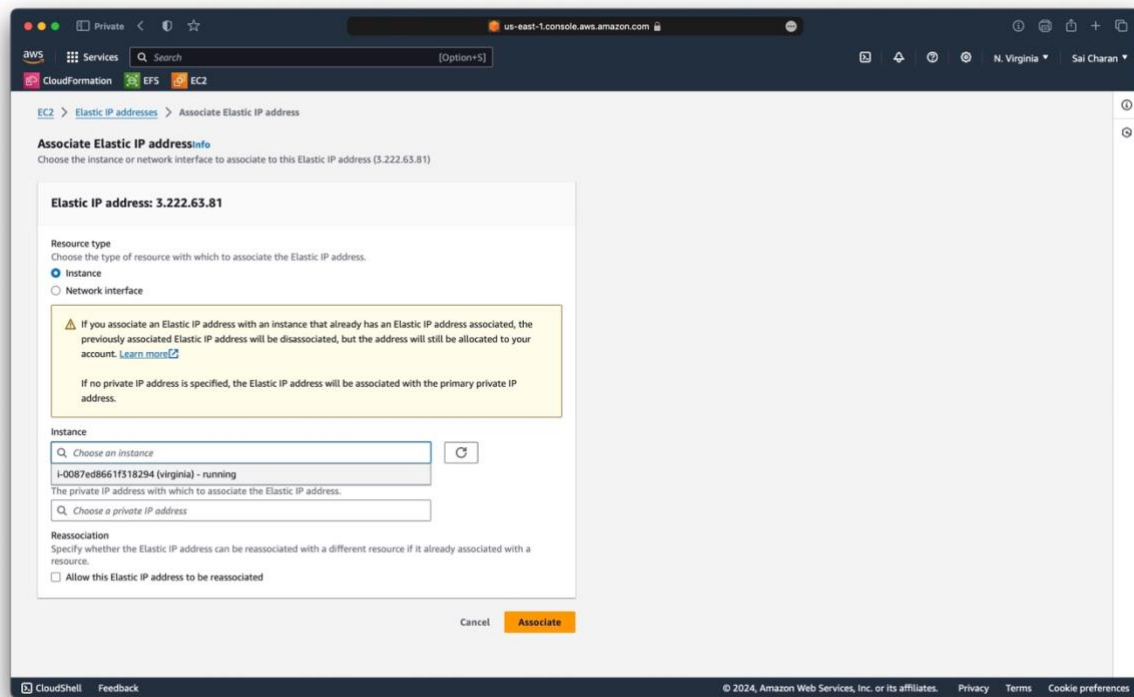
Successfully Allocated
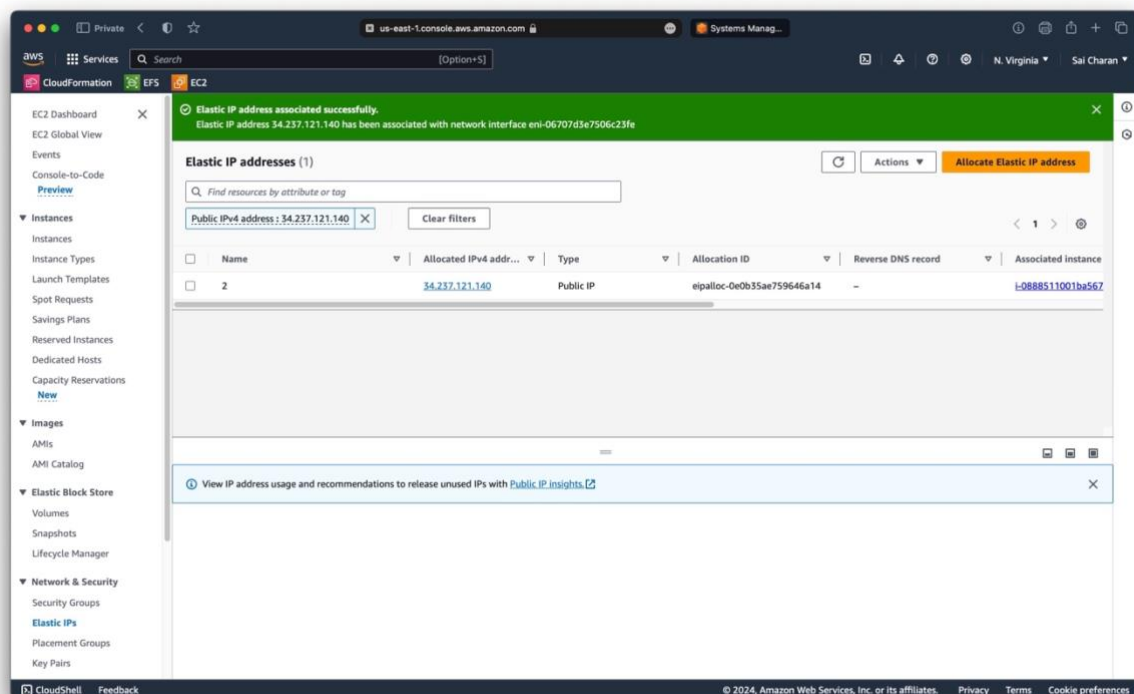
Network Interface:
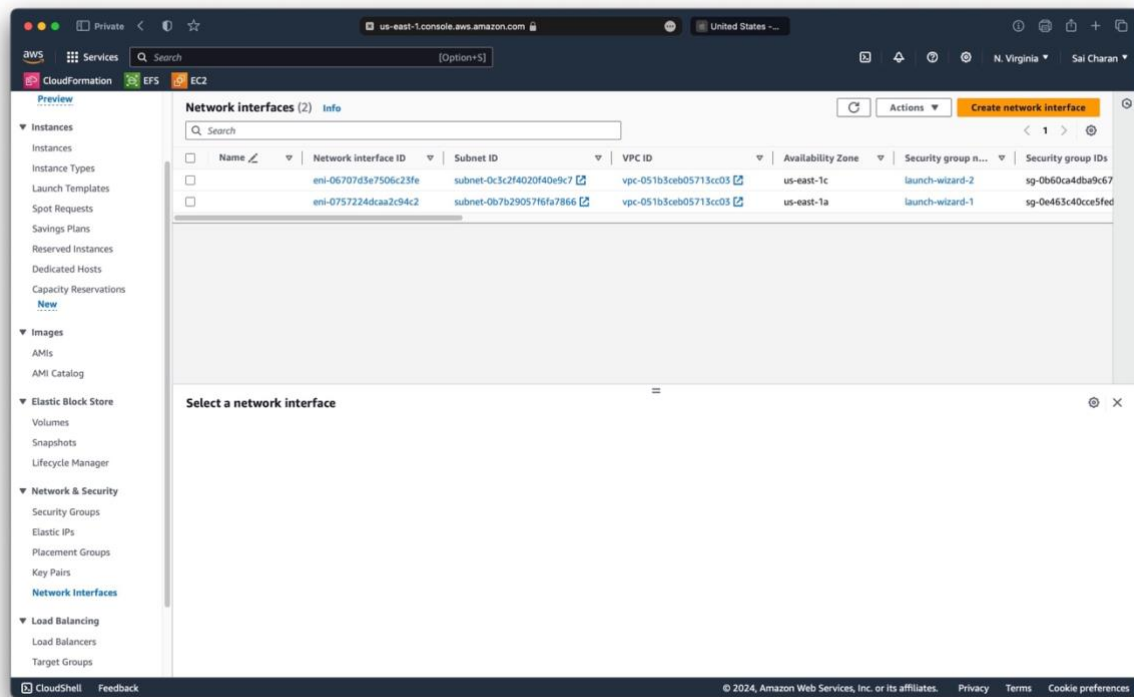
Running the commands for change the "IFCONFIG"

● ● ● ▭ Private < ⓘ ☆ | 🔵 Careers at Apple | 🟠 Instance details... | ☒ us-east-1.console.aws.amazon.com 🔒 | ⬤ | ⬇ Content | 🖹 STUDENT | ⓘ 🖨 ⬆ + ⬚

aws | ⊞ Services | 🔍 Search [Option+S] | ☒ 🔔 ❓ ⚙ N. Virginia ▾ Sai Charan ▾
🔴 CloudFormation 🟢 EFS 🟠 EC2

```
    .`  #,
  -`\_ ####\
  --  \_#####\
  --    \_###|         Amazon Linux 2023
  --      \_#/___
  --        V~' '->     https://aws.amazon.com/linux/amazon-linux-2023
   ---
    --~.-.
      /m/'

[ec2-user@ip-172-31-47-232 ~]$ ifconfig
enX0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 9001
        inet 172.31.47.232  netmask 255.255.240.0  broadcast 172.31.47.255
        inet6 fe80::85:d7ff:febf:f90d  prefixlen 64  scopeid 0x20<link>
        ether 0e:85:d7:bf:f9:0d  txqueuelen 1000  (Ethernet)
        RX packets 3826  bytes 944192 (922.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 3468  bytes 627768 (613.0 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 12  bytes 1020 (1020.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 12  bytes 1020 (1020.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

[ec2-user@ip-172-31-47-232 ~]$
```

i-0888511001ba56743 (virginia - b)   ✕

PublicIPs: 34.237.121.140   PrivateIPs: 172.31.47.232

● ● ● ▭ Private < ⓘ ☆ | 🔵 Careers at Apple | 🟠 Instances | EC2... | ☒ us-east-1.console.aws.amazon.com 🔒 | ⬤ | 📖 Content | 🖹 STUDENT | ⓘ 🖨 ⬆ + ⬚

Session ID: root-0c2d9efd7f6db29d2   Instance ID: i-0888511001ba56743   Terminate

```
sh-5.2$ wget -P /var/www/html/a \
→ https:// /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
→ /a/index.html
--2024-02-27 23:27:12--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:27:12--  ftp://https//
           => '/var/www/html/a/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
sh: →: command not found
sh-5.2$
```

```
sh-5.2$ sudo -s
[root@ip-172-31-47-232 bin]# mkdir /var/www/html/a
mkdir: cannot create directory '/var/www/html/a': File exists
[root@ip-172-31-47-232 bin]# cd /var/www/html/a
[root@ip-172-31-47-232 a]# wget -P /var/www/html/a \
➜ https:/ /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
➜ /a/index.html
--2024-02-27 23:28:20--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:28:20--  ftp://https//
           => '/var/www/html/a/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
bash: ➜: command not found
[root@ip-172-31-47-232 a]#
```

```
sh-5.2$ sudo -s
[root@ip-172-31-47-232 bin]# mkdir /var/www/html/a
mkdir: cannot create directory '/var/www/html/a': File exists
[root@ip-172-31-47-232 bin]# cd /var/www/html/a
[root@ip-172-31-47-232 a]# wget -P /var/www/html/a \
➜ https:/ /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
➜ /a/index.html
--2024-02-27 23:28:20--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:28:20--  ftp://https//
           => '/var/www/html/a/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
bash: ➜: command not found
[root@ip-172-31-47-232 a]# mkdir /var/www/html/b
[root@ip-172-31-47-232 a]# wget -P /var/www/html/b \
➜ https:/ /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
➜ /b/index.html
--2024-02-27 23:28:49--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:28:49--  ftp://https//
           => '/var/www/html/b/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
bash: ➜: command not found
[root@ip-172-31-47-232 a]#
```

```
  GNU nano 5.8                                        /etc/httpd/conf.d/a.conf                                             Modified
<VirtualHost 172.31.x.x:80>
    DocumentRoot /var/www/html/a
</VirtualHost>
```

```
File Name to Write: /etc/httpd/conf.d/a.conf
^G Help              M-D DOS Format          M-A Append          M-B Backup File
^C Cancel            M-M Mac Format          M-P Prepend         ^T Browse
```

```
sh-5.2$ sudo -s
[root@ip-172-31-47-232 bin]# mkdir /var/www/html/a
mkdir: cannot create directory '/var/www/html/a': File exists
[root@ip-172-31-47-232 bin]# cd /var/www/html/a
[root@ip-172-31-47-232 a]# wget -P /var/www/html/a \
> https:/ /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
> /a/index.html
--2024-02-27 23:28:20--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:28:20--  ftp://https//
           => '/var/www/html/a/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
bash: >: command not found
[root@ip-172-31-47-232 a]# mkdir /var/www/html/b
[root@ip-172-31-47-232 a]# wget -P /var/www/html/b \
> https:/ /raw.githubusercontent.com/AWSinAction/code3/main/chapter03
> /b/index.html
--2024-02-27 23:28:49--  http://xn--lgi/
Resolving xn--lgi (xn--lgi)... failed: Name or service not known.
wget: unable to resolve host address 'xn--lgi'
--2024-02-27 23:28:49--  ftp://https//
           => '/var/www/html/b/.listing'
Resolving https (https)... failed: Name or service not known.
wget: unable to resolve host address 'https'
/raw.githubusercontent.com/AWSinAction/code3/main/chapter03: Scheme missing.
bash: >: command not found
[root@ip-172-31-47-232 a]# nano /etc/httpd/conf.d/a.conf
[root@ip-172-31-47-232 a]# ifconfig
enX0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 9001
        inet 172.31.47.232  netmask 255.255.240.0  broadcast 172.31.47.255
        inet6 fe80::c85:d7ff:febf:f90d  prefixlen 64  scopeid 0x20<link>
        ether 0e:85:d7:bf:f9:0d  txqueuelen 1000  (Ethernet)
        RX packets 5325  bytes 1237976 (1.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 4907  bytes 912785 (891.3 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 12  bytes 1020 (1020.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 12  bytes 1020 (1020.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

[root@ip-172-31-47-232 a]#
```

Terminating the Instance, Elastic IP and Network Interface
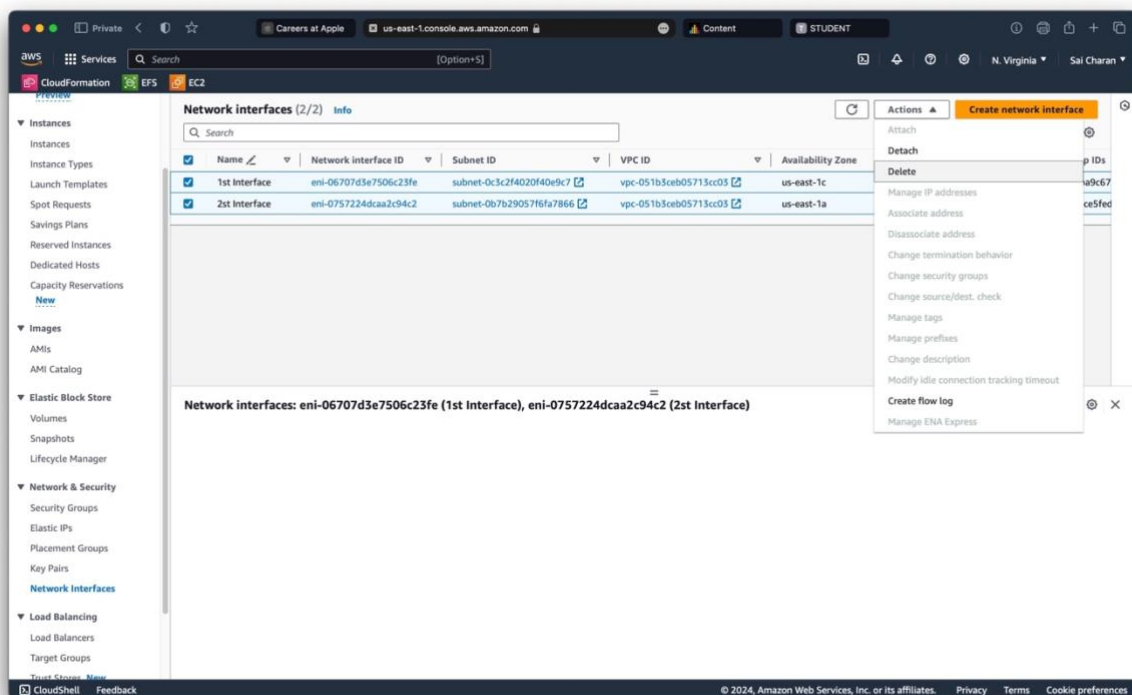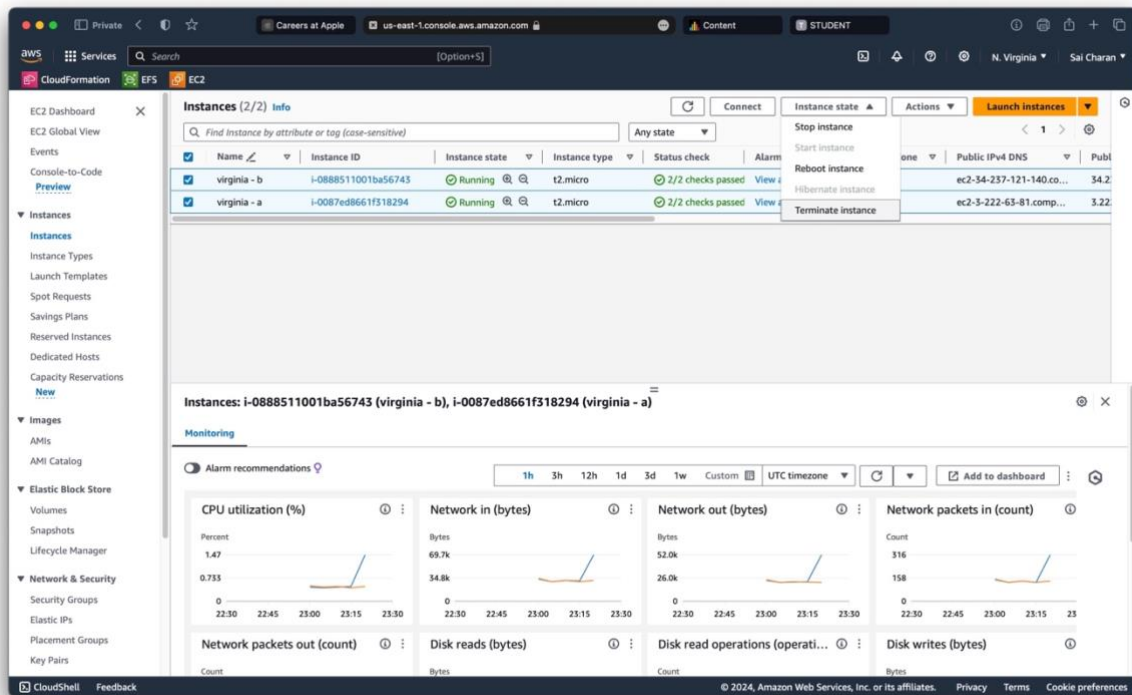
Note: Hello Professor, I haven't change my instance type to m5.large. Because when I checked on google the source says that once we lose the eligibility of FREE TRAIL it can not be undone.

Thanks and Regards
Sai Charan Pasupuleti