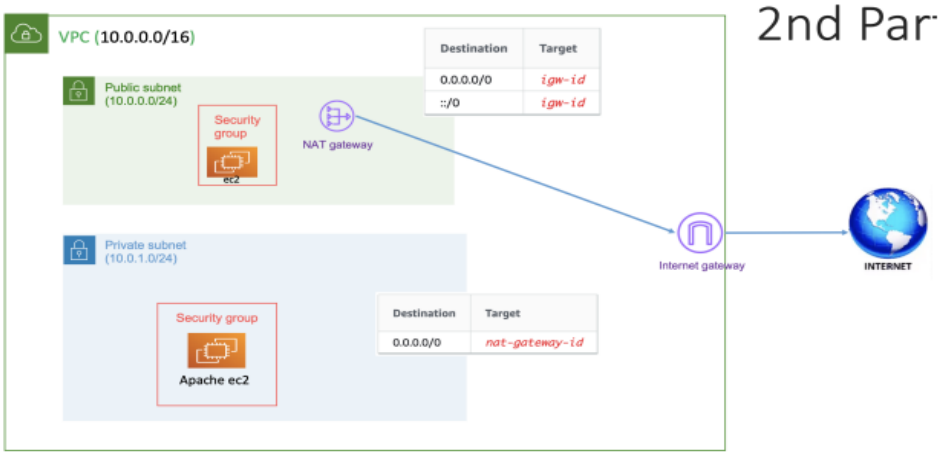
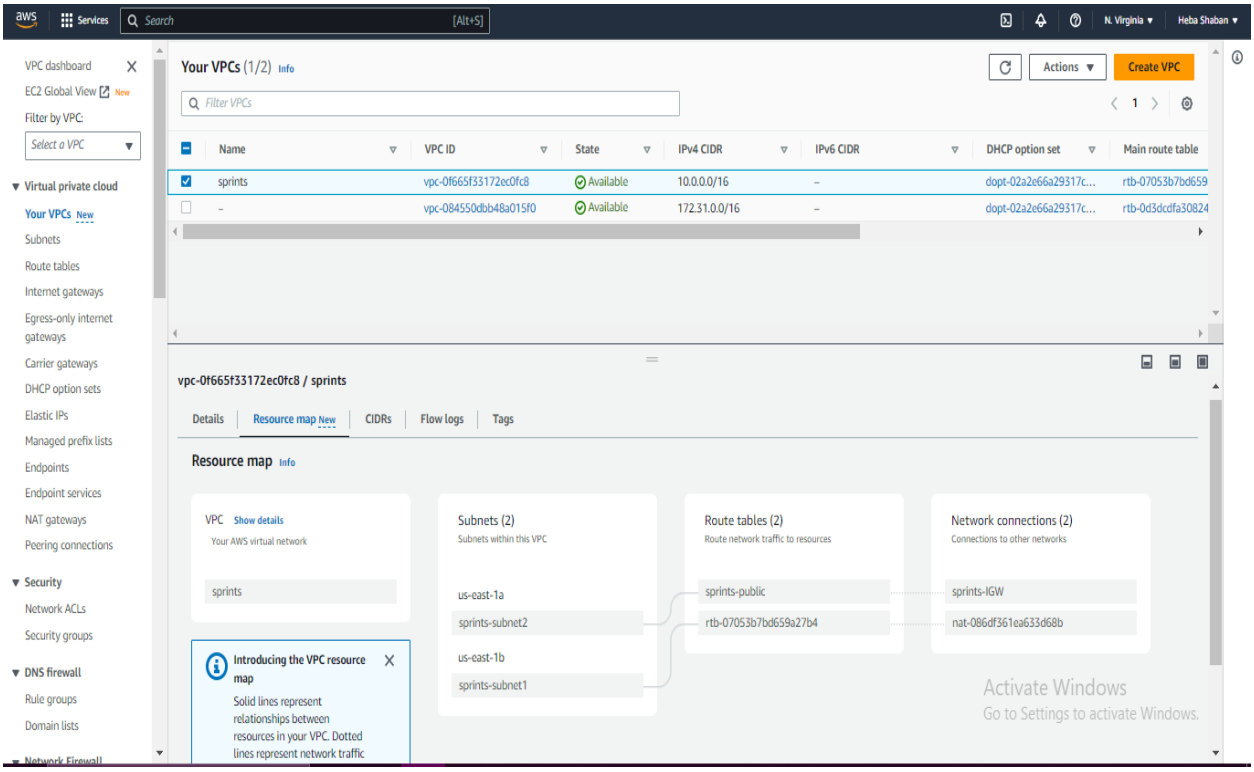
LAB2

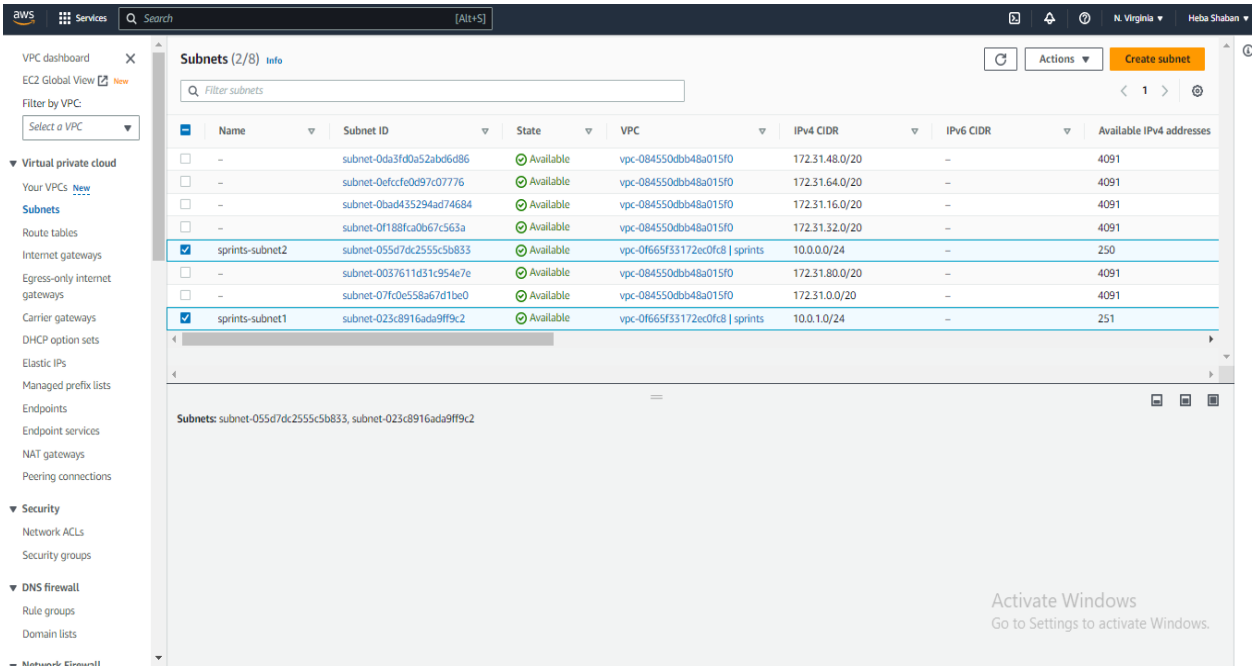



Required:
Screenshot from the instance page demonstrate that the instance is private and a screenshot from the logs of the instance demonstrate the apache2 Is installed

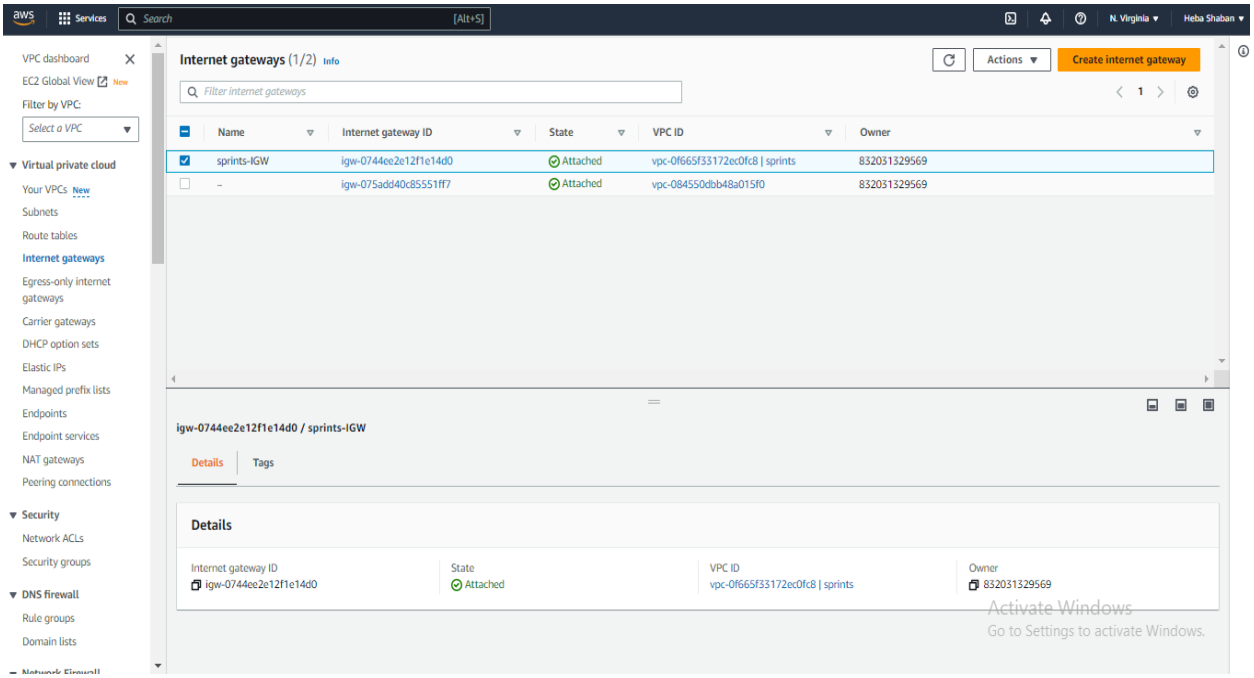
## (1) Create VPC 'sprints' with VPC-CIDR: 10.0.0.0/16



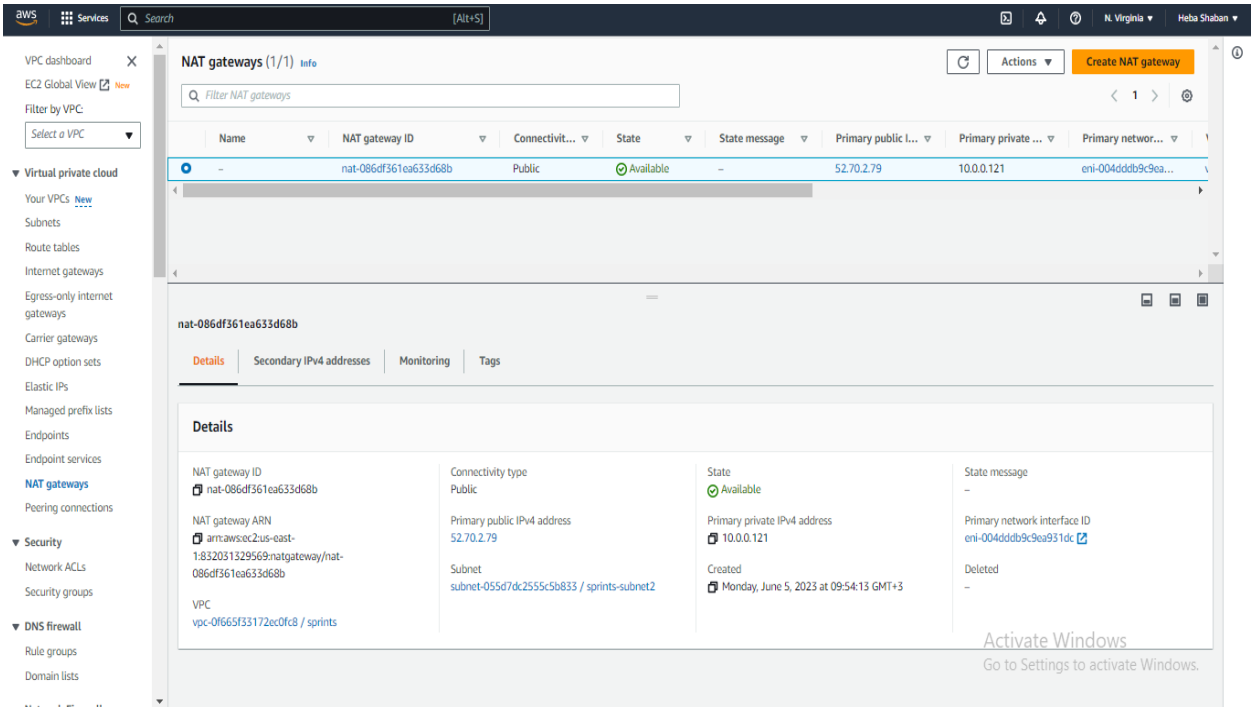
**(2) Create 2 subnets: 'sprints-subnet2' with subnet-CIDR : 10.0.0.0/24 & 'sprints-subnet1' with subnet-CIDR : 10.0.1.0/24**



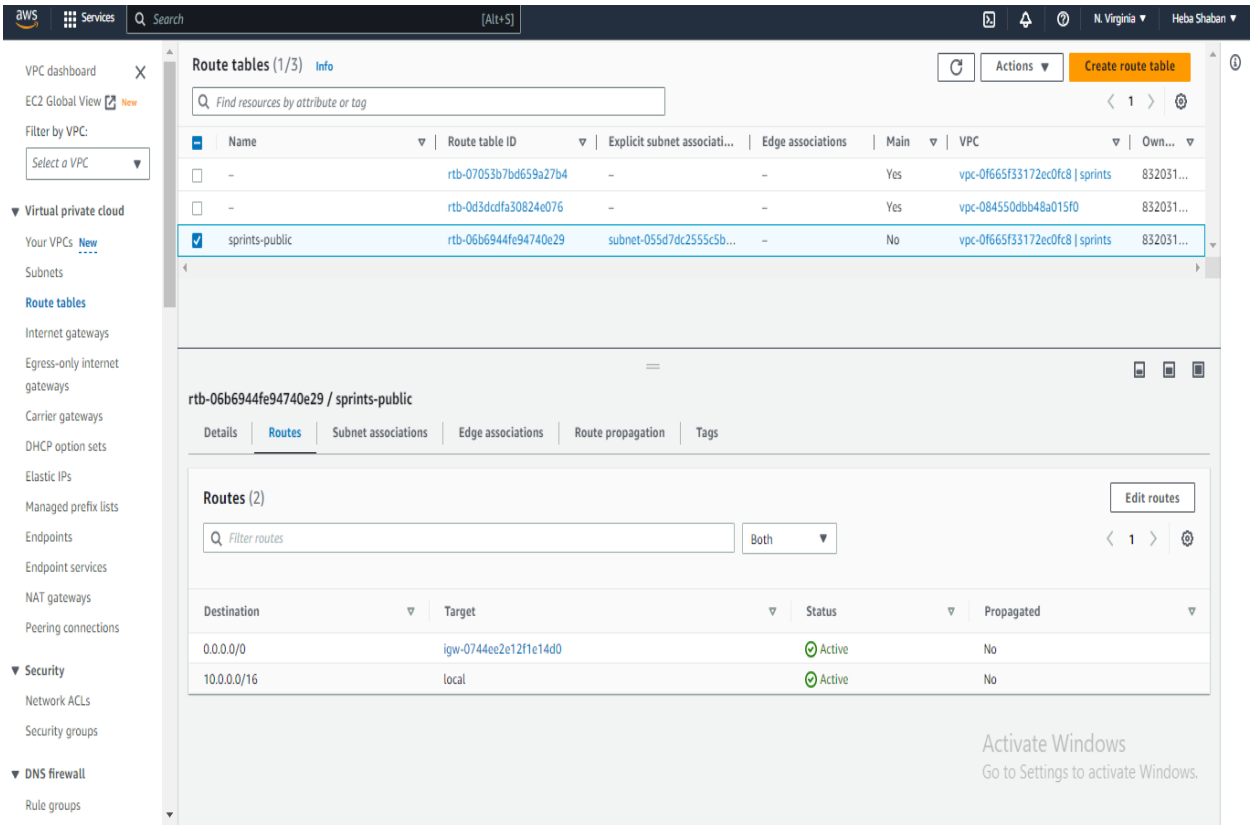

**(3) Create internet gateway 'sprints-IGW'**



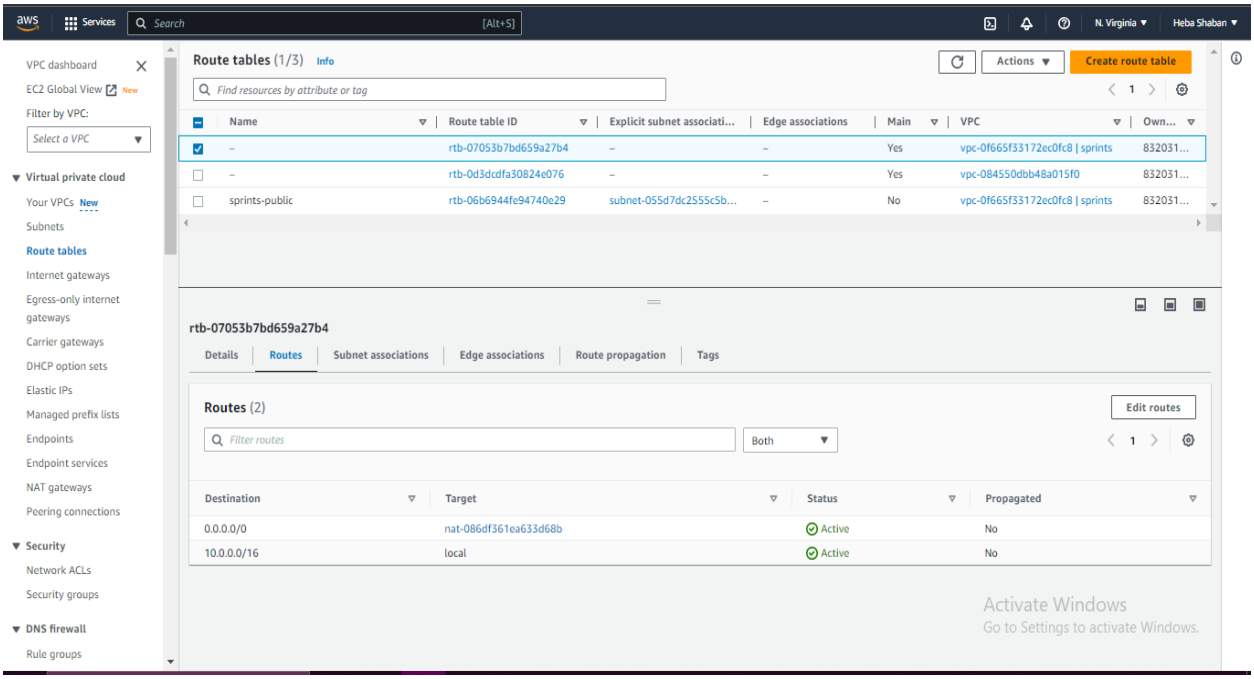
## (4) Create NAT 'sprints-NAT'




## (5) Create Route-Table for public subnet 'sprints-public'



## (6) Create Route-Table for private subnet




## (8) Write this script while creating instances to install and start apache2

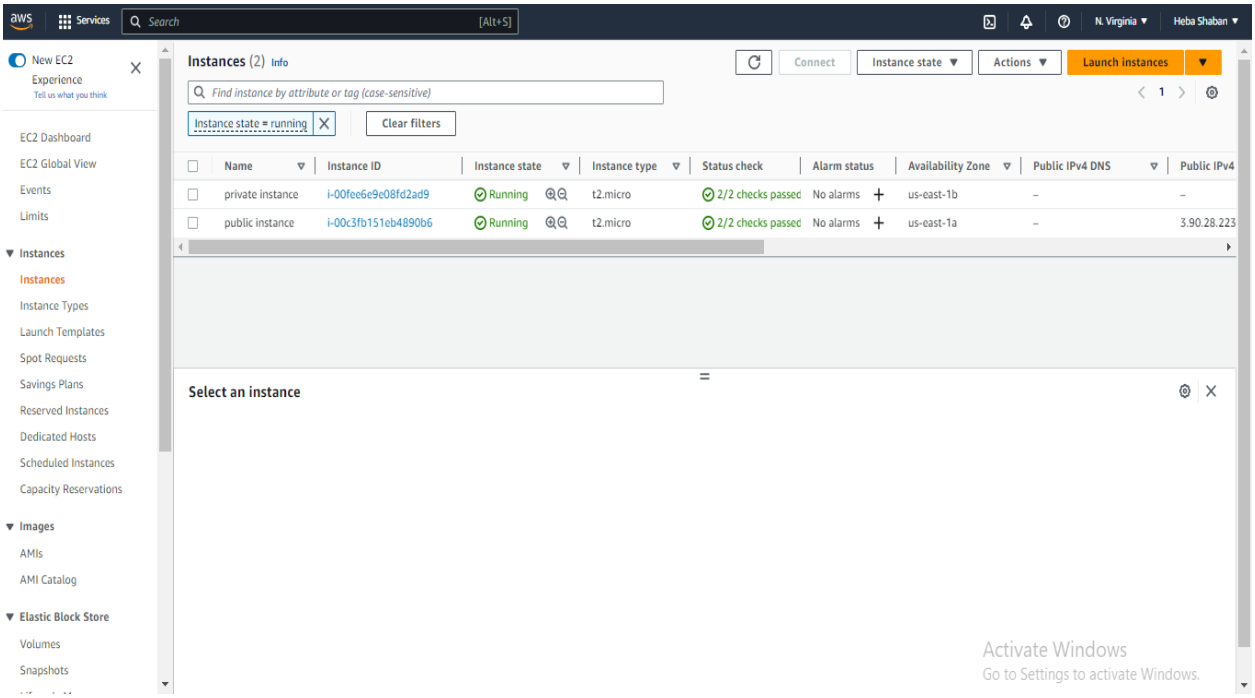
User data - *optional* **Info**

Enter user data in the field.

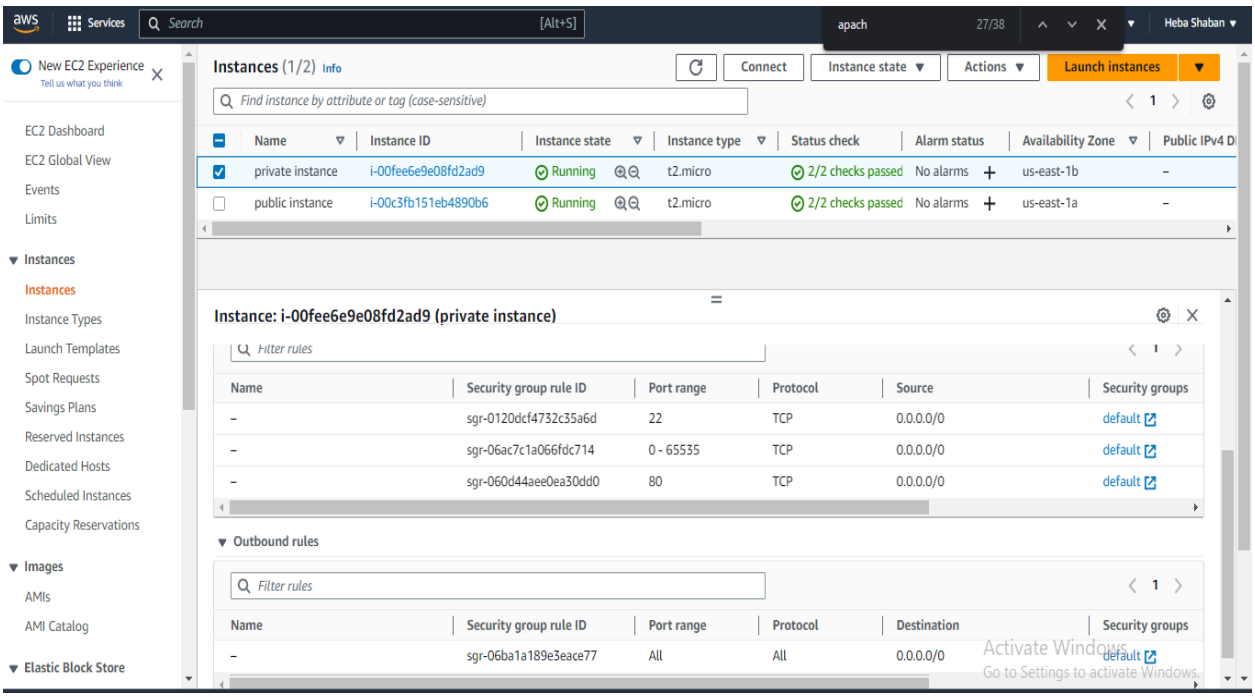
```
#!/bin/bash

#update before install
apt-get-update -y

#install apache2
apt-get-install apache2

#start apache2
systemctl start apache2
```

☐ User data has already been base64 encoded

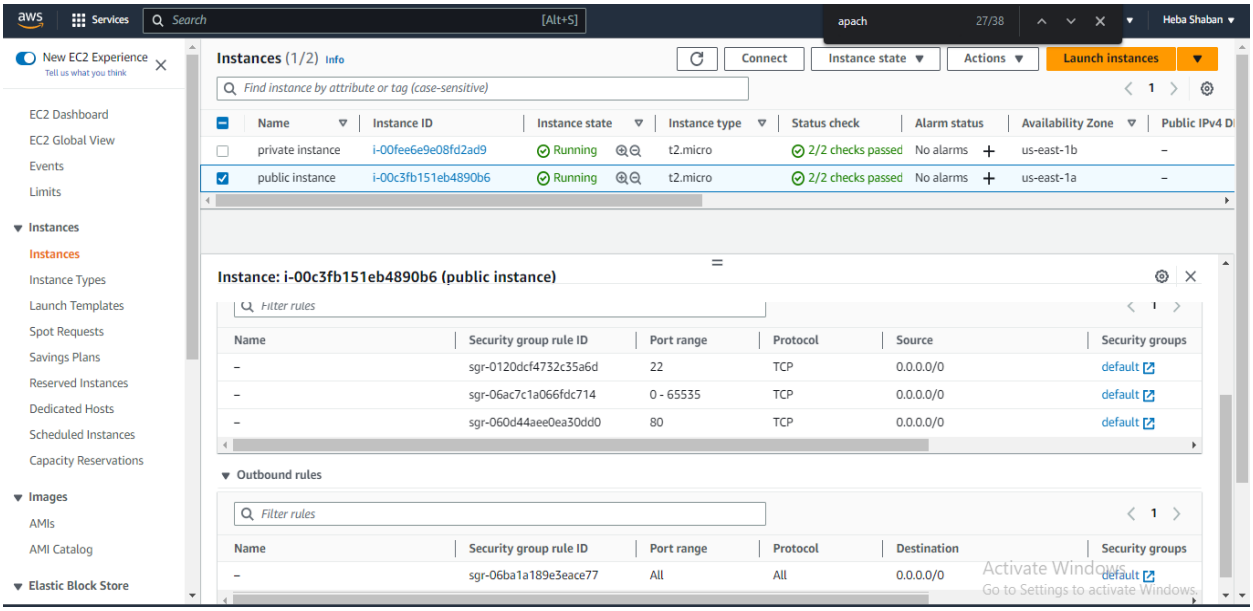
**(9) Create 2 instances 'public instance' & 'private instance' and attache each instance to a subnet in sprints VPS**




**Private instance**

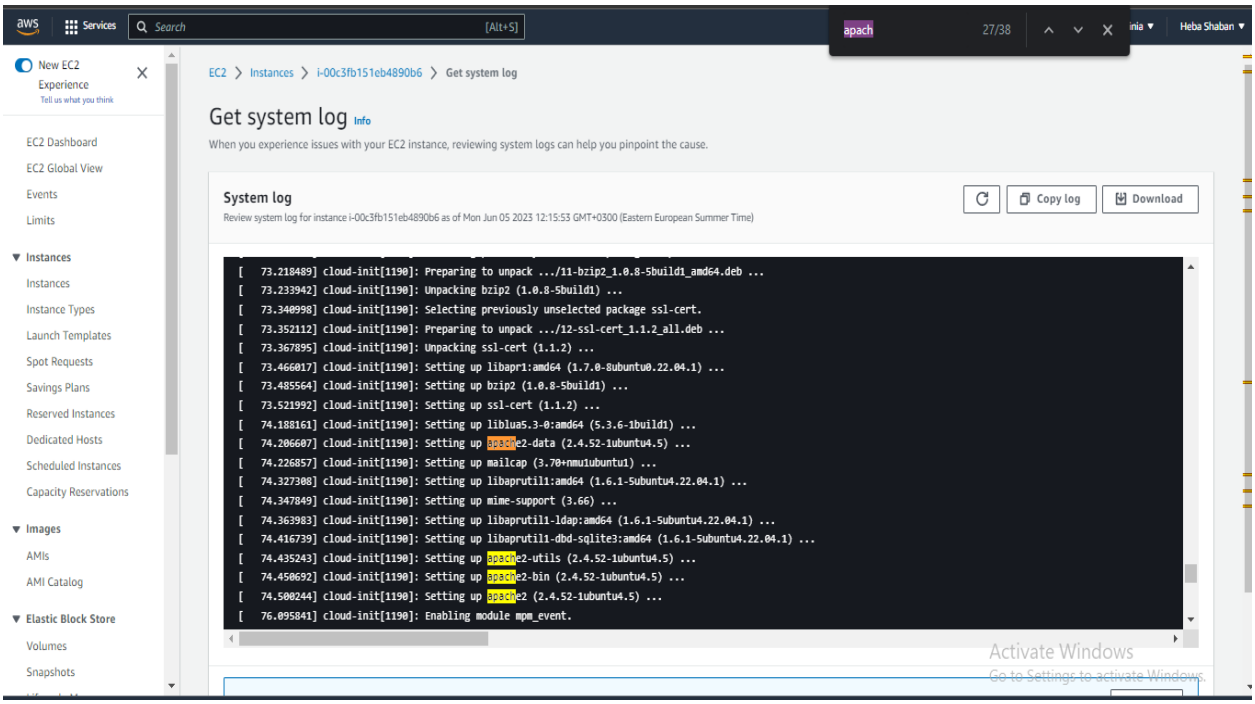


## Public instance

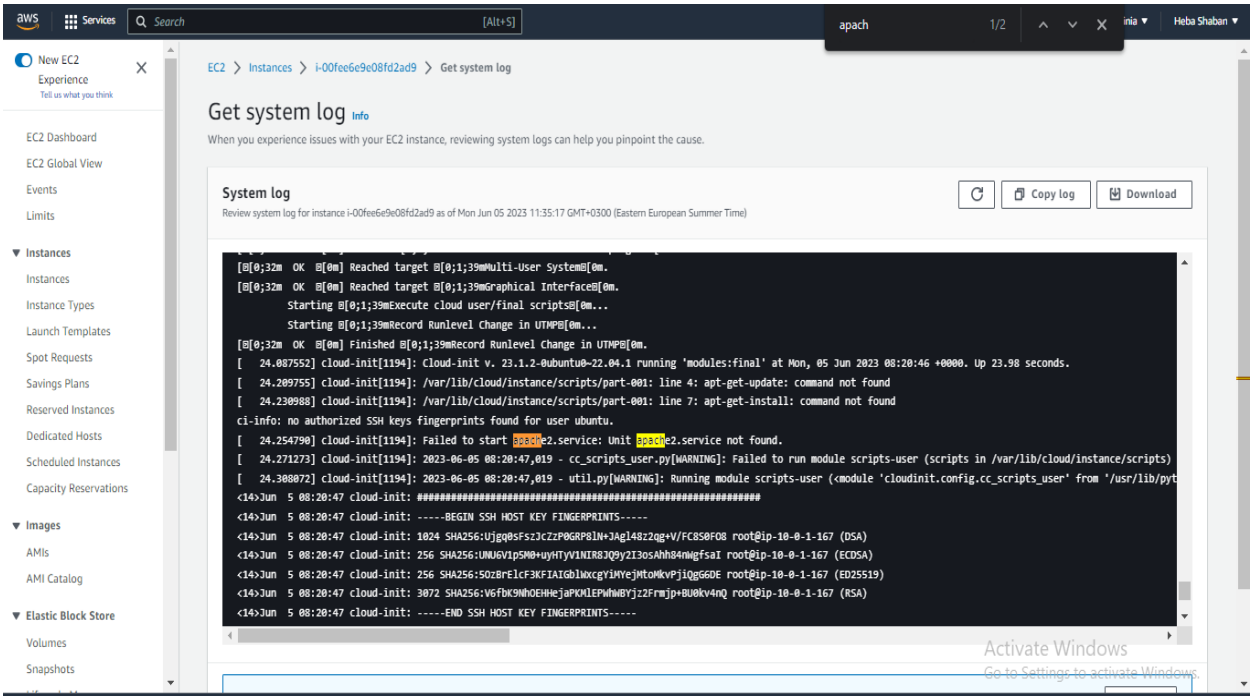



## (10) Connect to the public instance and make sure that apache2 is installed

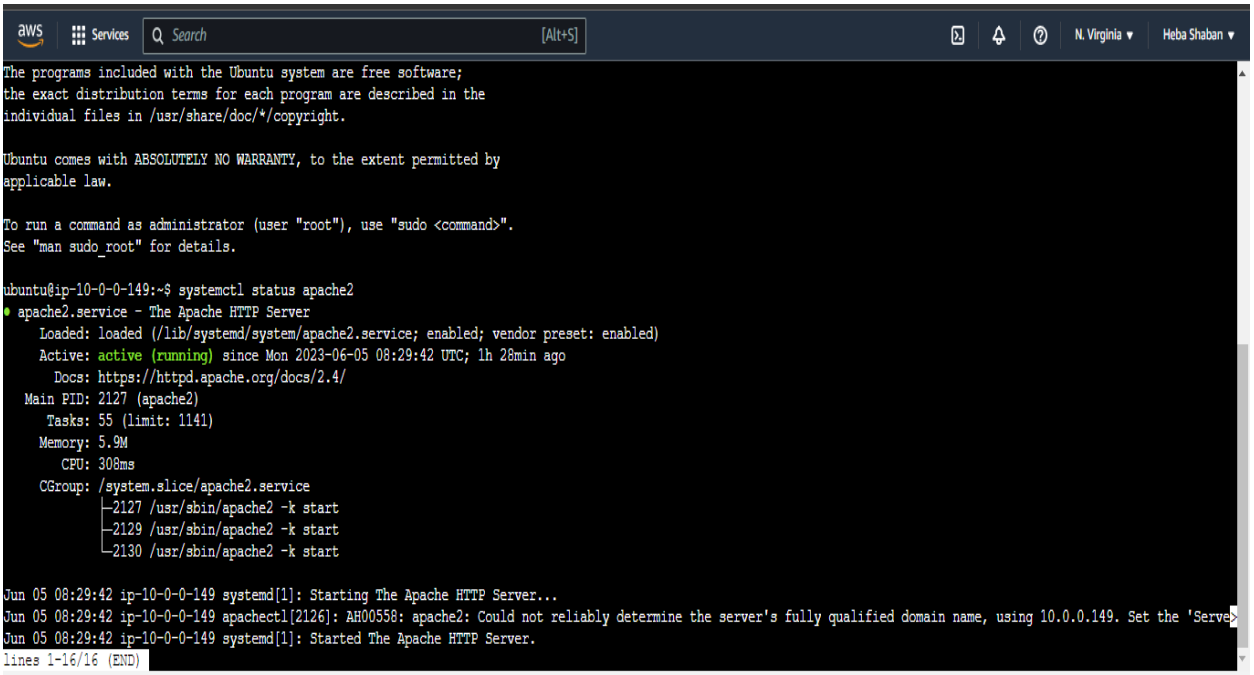
## System Public log



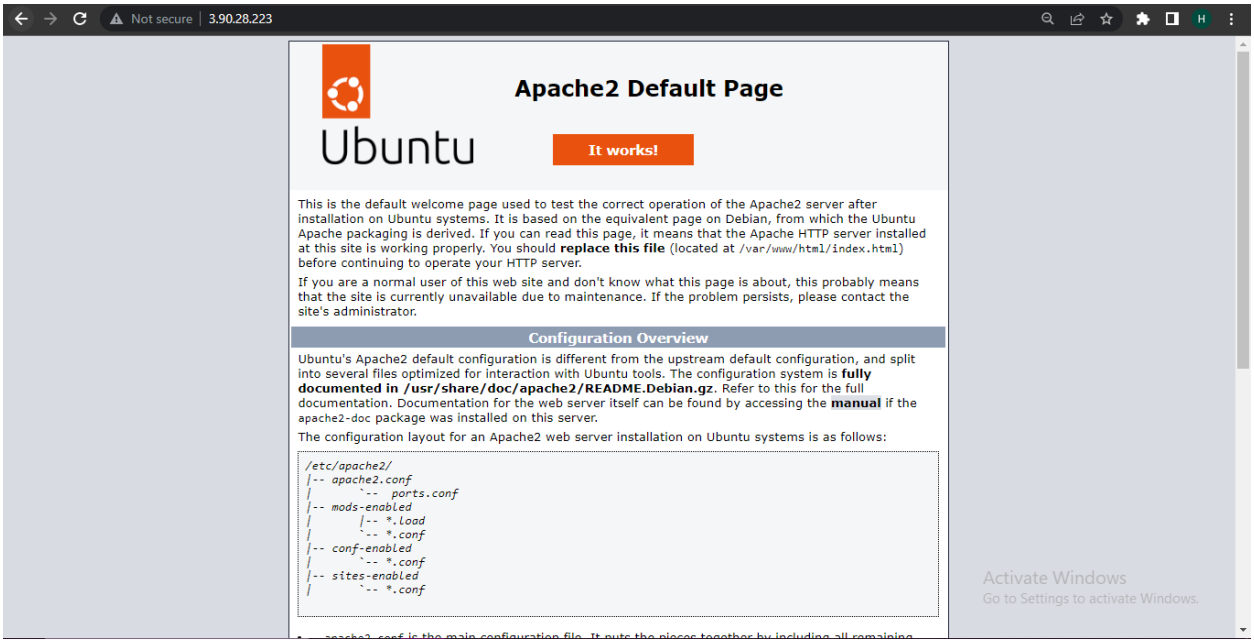
## System private log




## (11) Search with public IP of the public instance



**OUTPUT**


Not secure | 3.90.28.223
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:
/etc/apache2/
|-- apache2.conf
|       `--  ports.conf
|-- mods-enabled
|       |-- *.load
|       `-- *.conf
|-- conf-enabled
|       `-- *.conf
|-- sites-enabled
|       `-- *.conf
Activate Windows
Go to Settings to activate Windows.