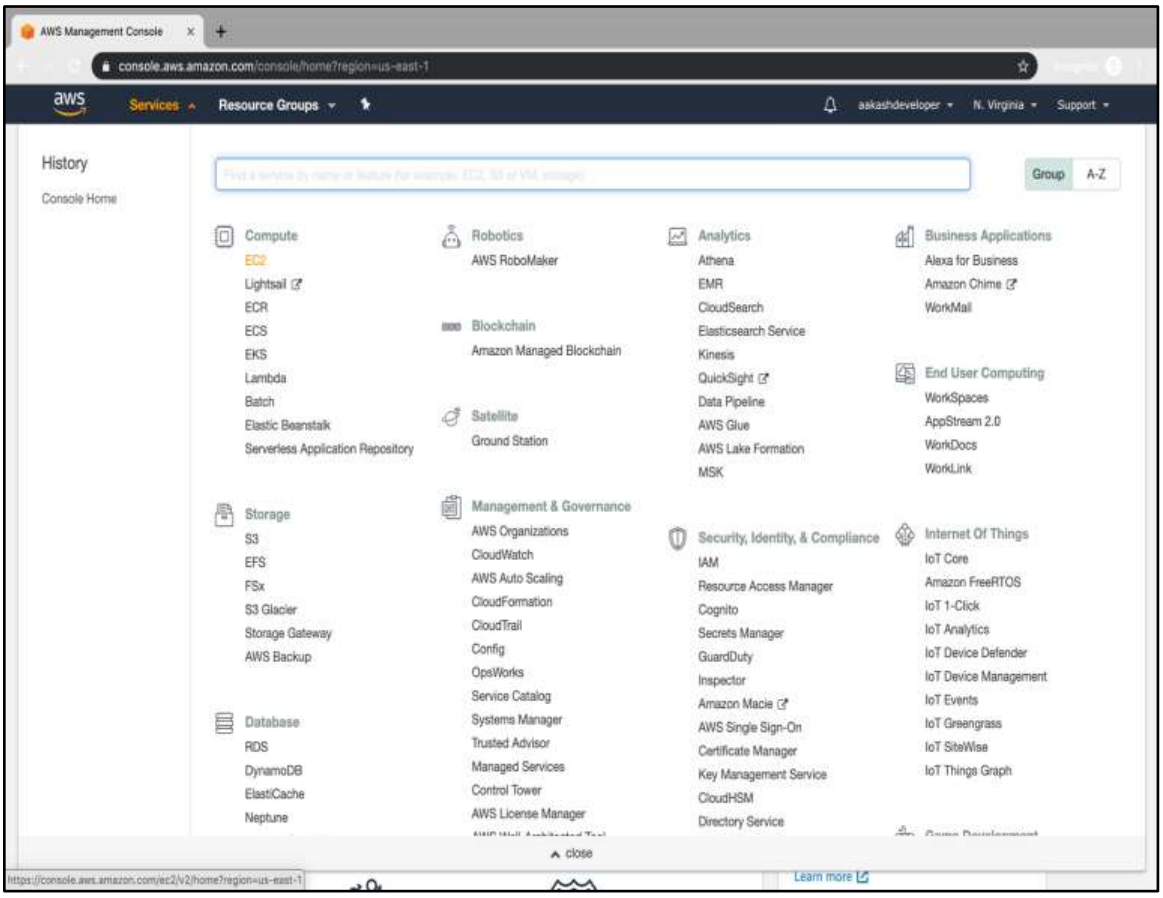
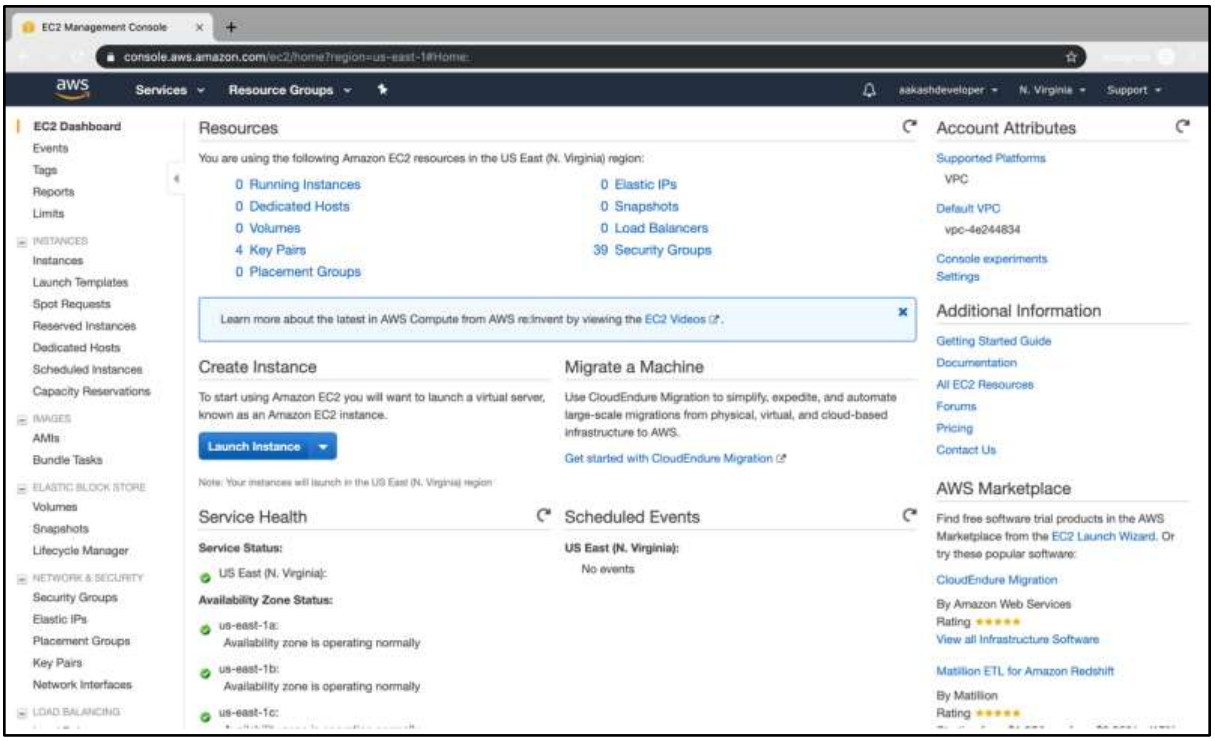
Launching an EC2 instance

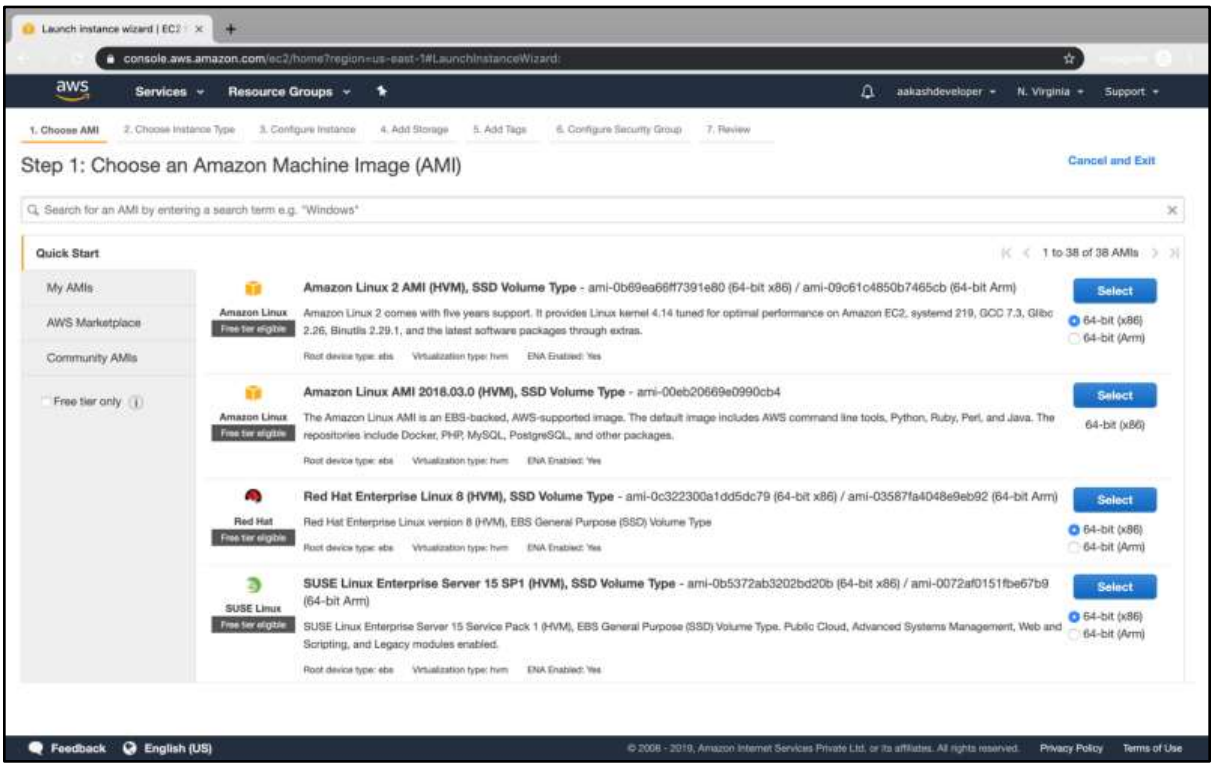
- Go to Amazon dashboard
- Select EC2



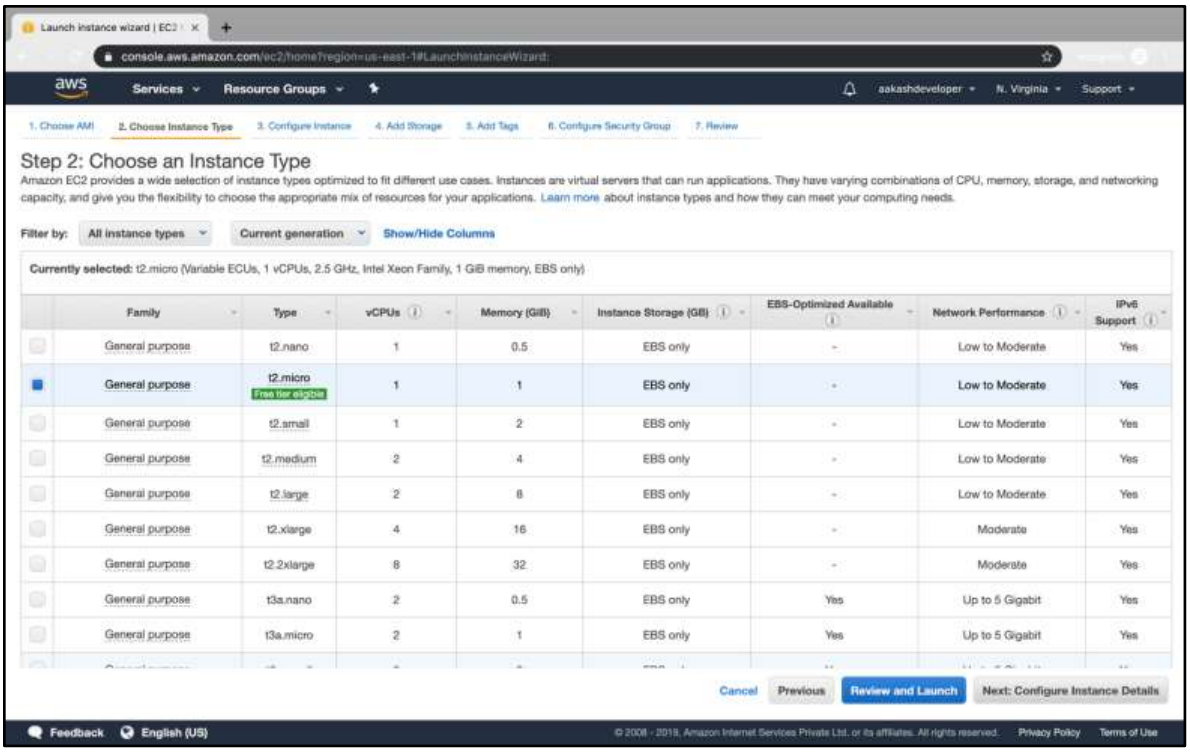
- Click on *launch instance* to run any instance



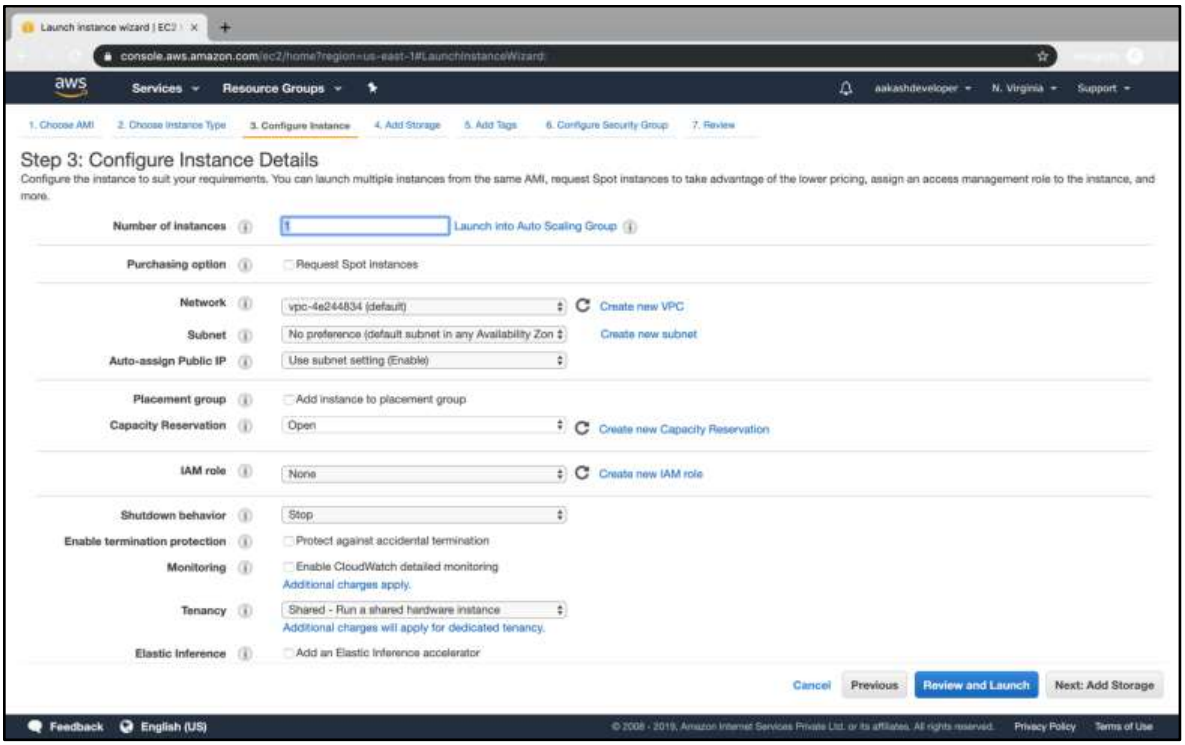
- Select the AMI



- Select t2.micro as the instance type

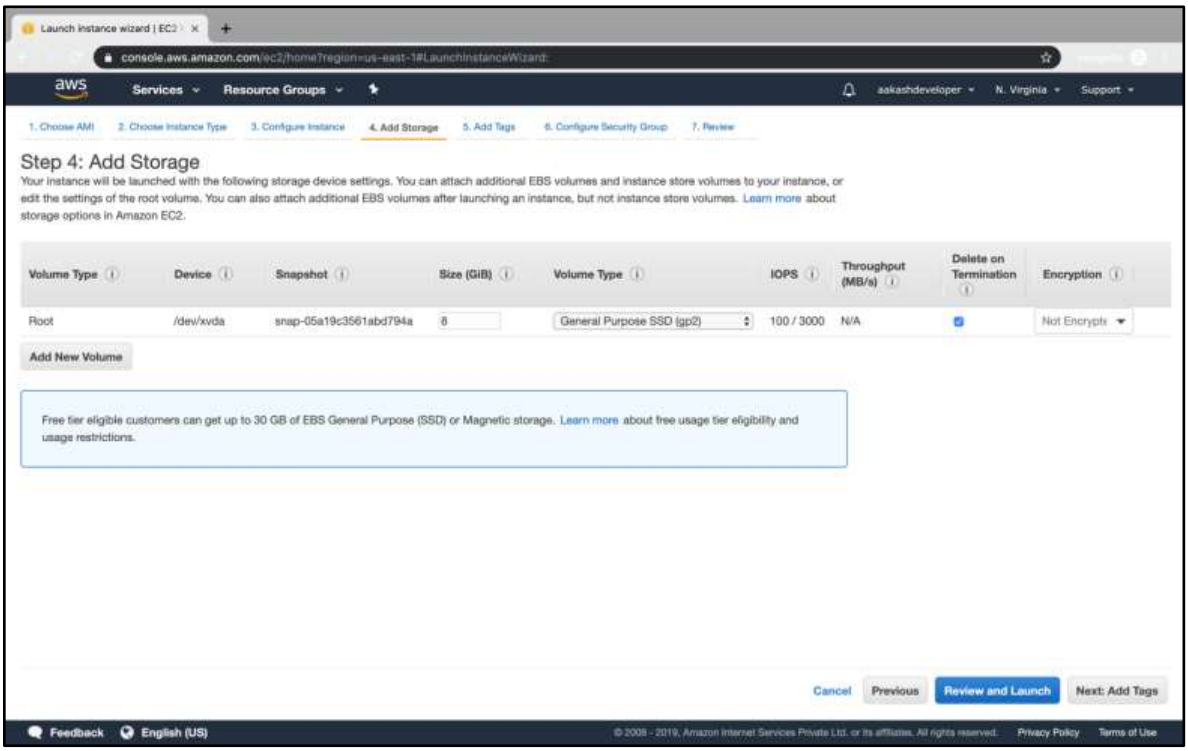


- Specify the number of instances, networks, placement groups, and IAM roles and click *Next*

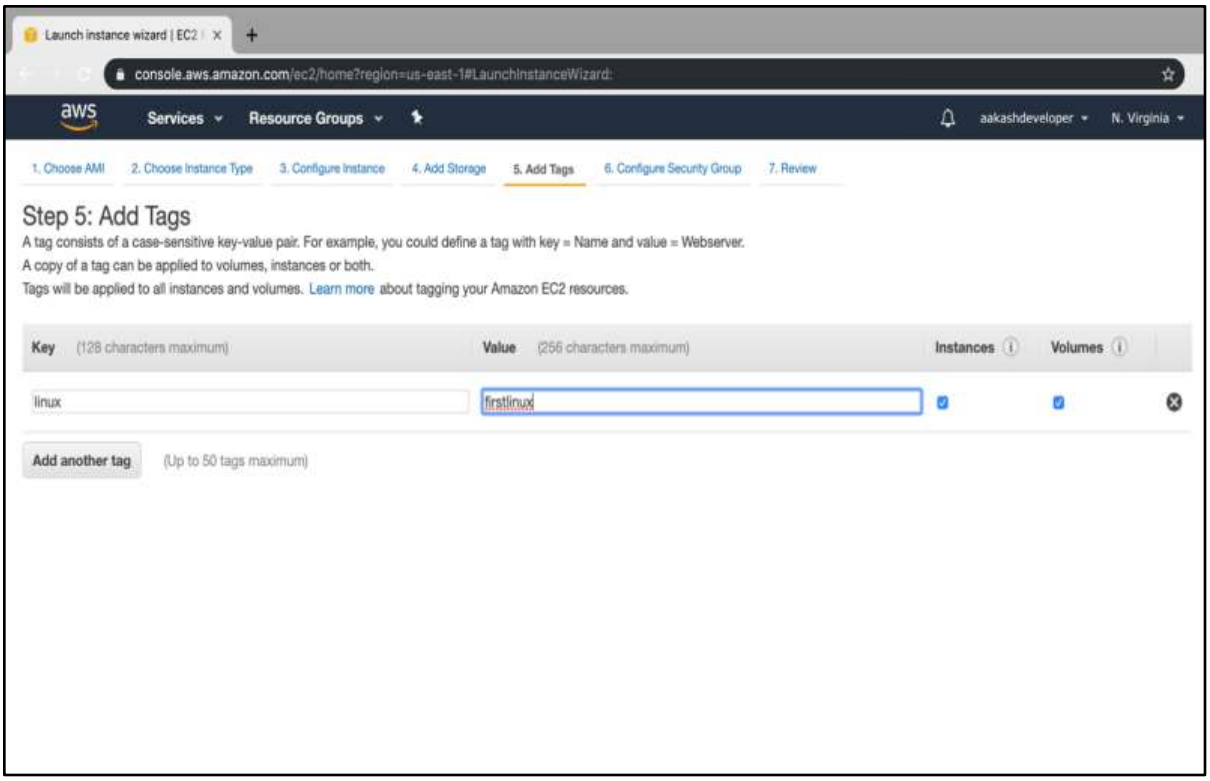


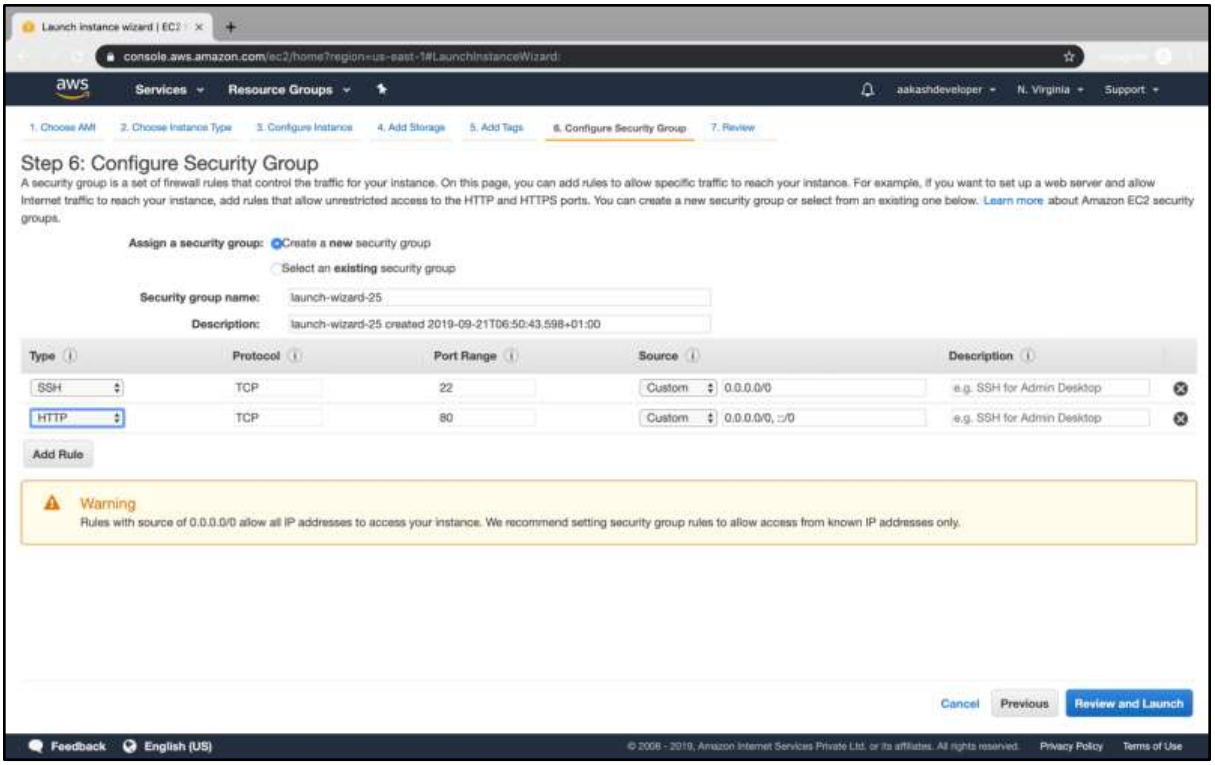
- There is one volume attached to the instance by default

- In Linux, the default volume attached is 8 GB
- You can add more volume if required

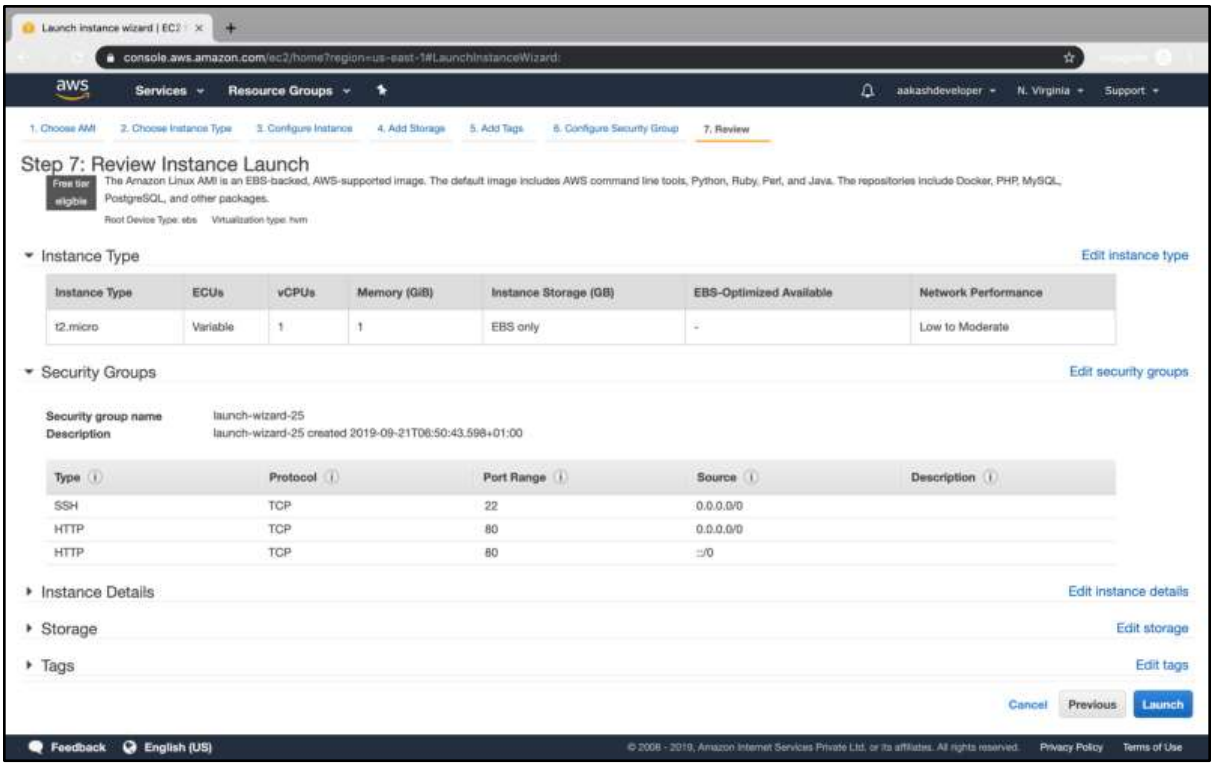


- You can add a key-value pair to the instance

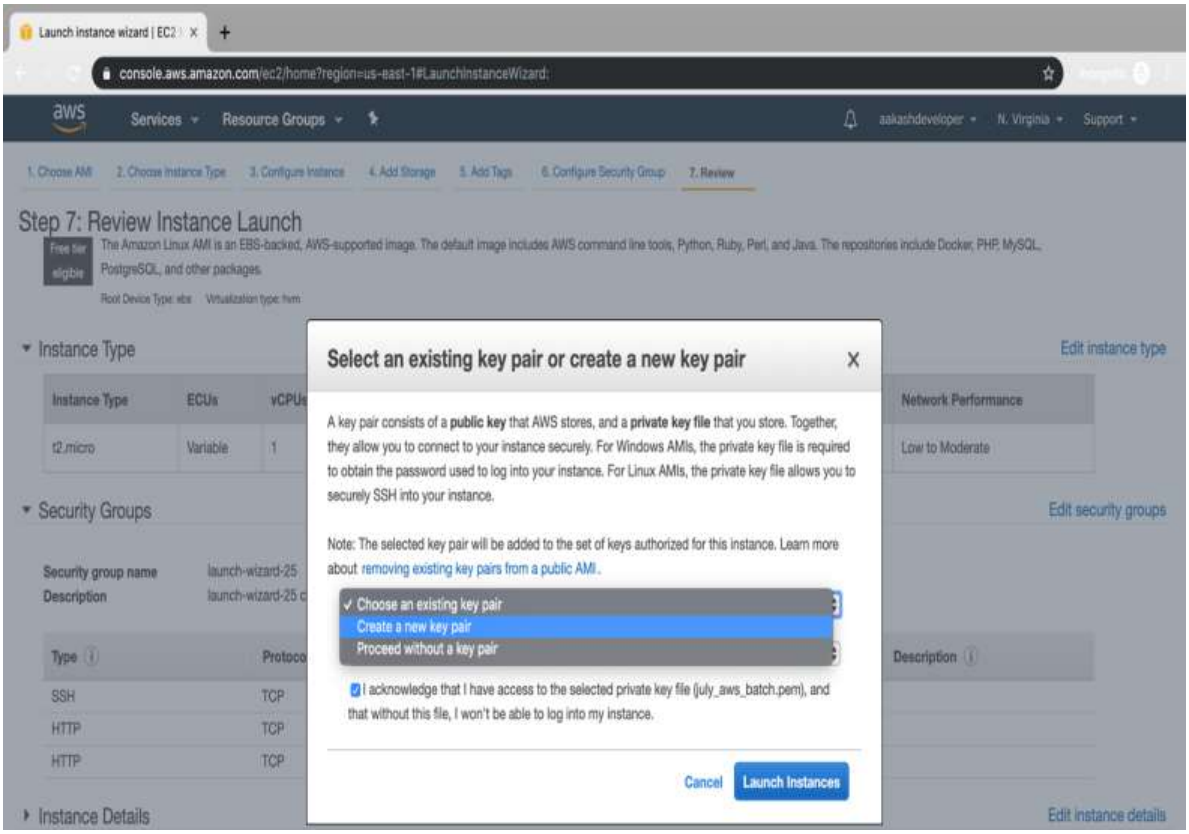


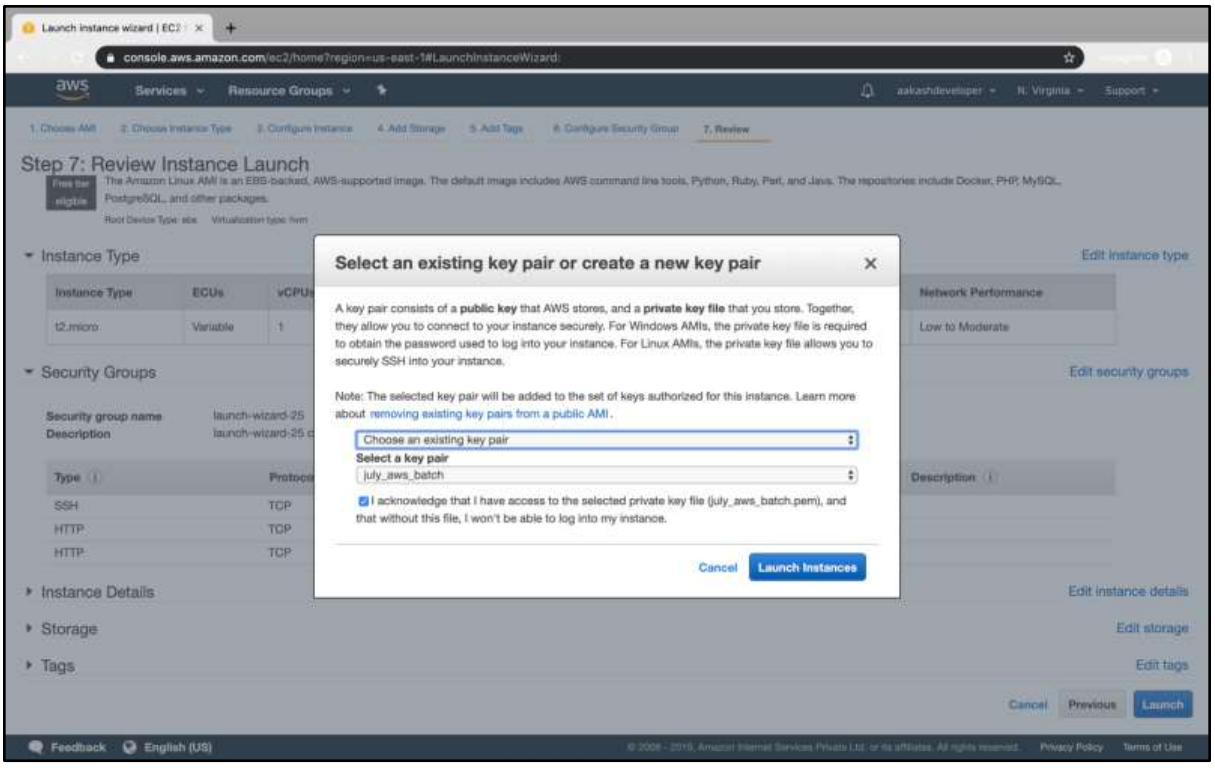


- Attach the three policy groups depending on the type of access required

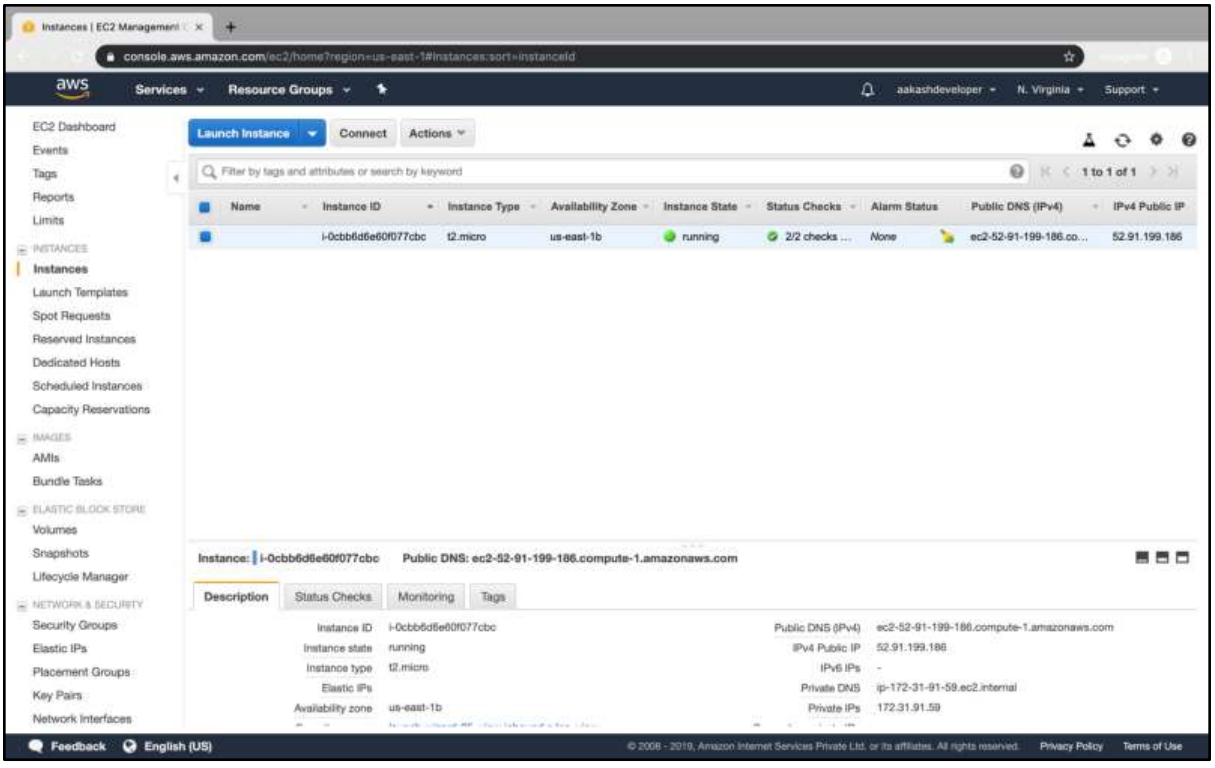


- Select an existing key-value pair to launch the instance



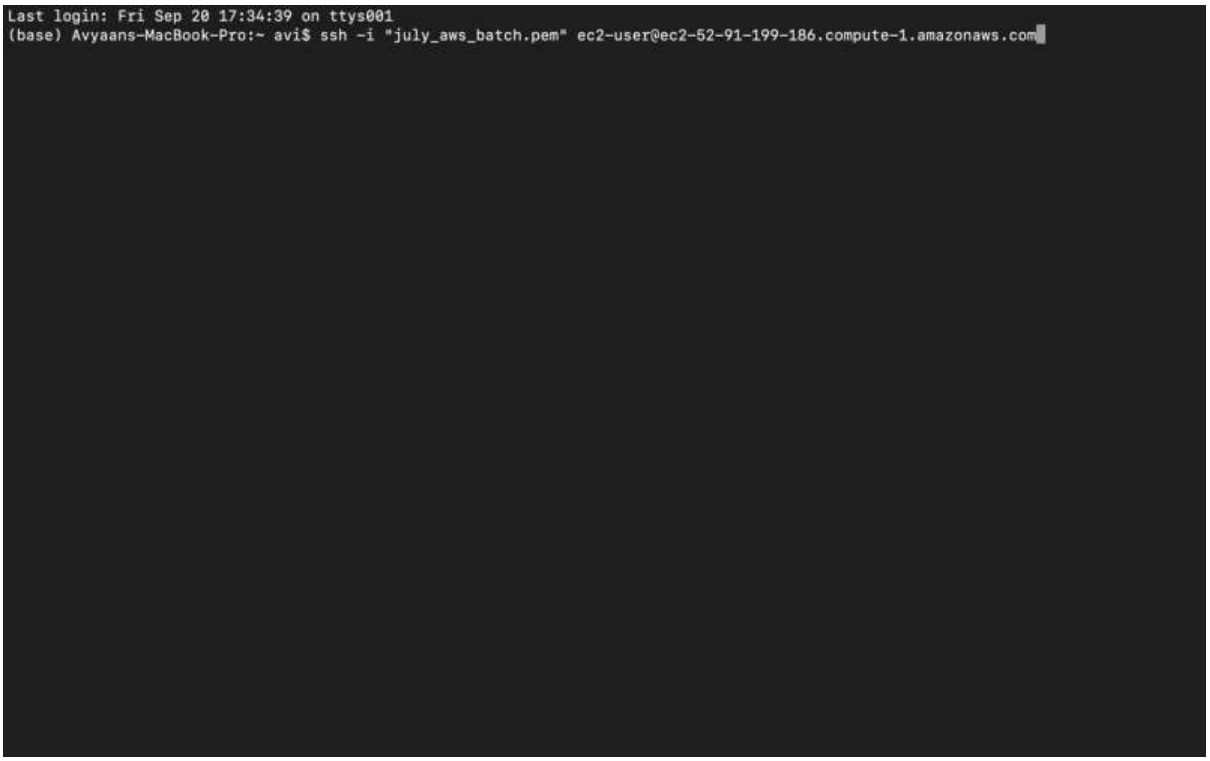


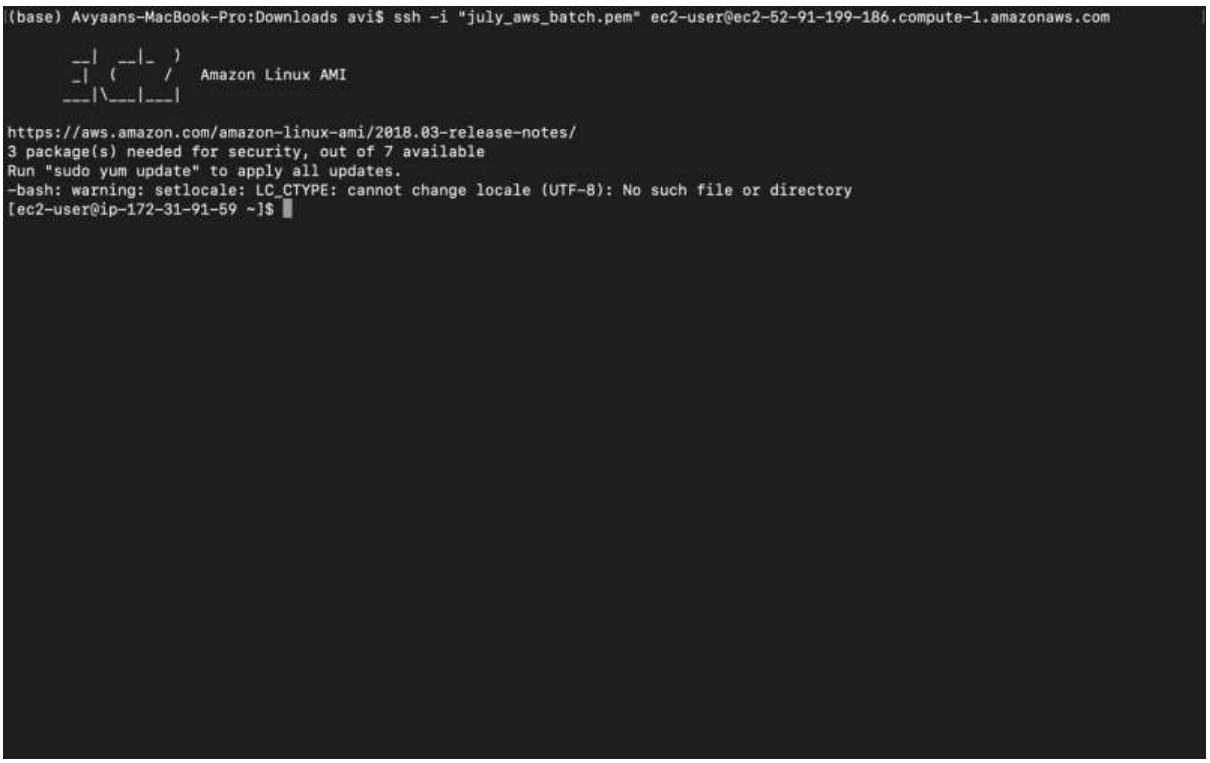
- The instance is ready to use



- Click on *Connect* on EC2 dashboard

- Run the ssh command provided

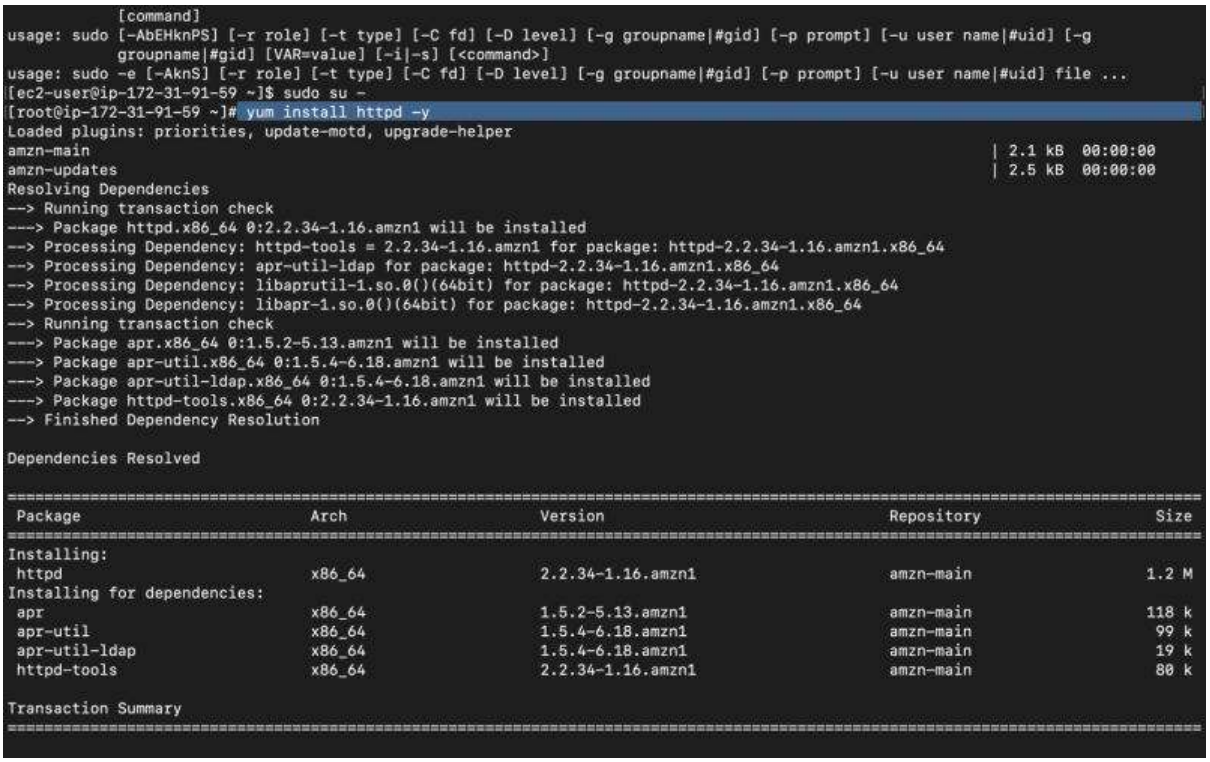




Connecting to an EC2 instance

- Run the following command to launch a website over EC2:

  yum install httpd -y



- Navigate to /var/www/html and create index.html file using command

  vi index.html

```
Install  1 Package (+4 Dependent packages)

Total download size: 1.5 M
Installed size: 3.6 M
Downloading packages:
(1/5): apr-util-ldap-1.5.4-6.18.amzn1.x86_64.rpm                                    |  19 kB  00:00:00
(2/5): apr-1.5.2-5.13.amzn1.x86_64.rpm                                              | 118 kB  00:00:00
(3/5): apr-util-1.5.4-6.18.amzn1.x86_64.rpm                                         |  99 kB  00:00:00
(4/5): httpd-tools-2.2.34-1.16.amzn1.x86_64.rpm                                     |  80 kB  00:00:00
(5/5): httpd-2.2.34-1.16.amzn1.x86_64.rpm                                           | 1.2 MB  00:00:00
--------------------------------------------------------------------------------------------------------
Total                                                                     1.9 MB/s | 1.5 MB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : apr-1.5.2-5.13.amzn1.x86_64                                                            1/5
  Installing : apr-util-1.5.4-6.18.amzn1.x86_64                                                       2/5
  Installing : httpd-tools-2.2.34-1.16.amzn1.x86_64                                                   3/5
  Installing : apr-util-ldap-1.5.4-6.18.amzn1.x86_64                                                  4/5
  Installing : httpd-2.2.34-1.16.amzn1.x86_64                                                         5/5
  Verifying  : httpd-tools-2.2.34-1.16.amzn1.x86_64                                                   1/5
  Verifying  : apr-util-1.5.4-6.18.amzn1.x86_64                                                       2/5
  Verifying  : httpd-2.2.34-1.16.amzn1.x86_64                                                         3/5
  Verifying  : apr-1.5.2-5.13.amzn1.x86_64                                                            4/5
  Verifying  : apr-util-ldap-1.5.4-6.18.amzn1.x86_64                                                  5/5

Installed:
  httpd.x86_64 0:2.2.34-1.16.amzn1

Dependency Installed:
  apr.x86_64 0:1.5.2-5.13.amzn1          apr-util.x86_64 0:1.5.4-6.18.amzn1      apr-util-ldap.x86_64 0:1.5.4-6.18.amzn1
  httpd-tools.x86_64 0:2.2.34-1.16.amzn1

Complete!
[root@ip-172-31-91-59 ~]# cd /var/www/html/
```

- Enter *I* and start creating HTML file content
- Once done, type *:wq!*

```
<h1>
App on AWS linux
</h2>
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-- INSERT --
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- Using public IP of EC2 instance, you can see your app running on the browser