Name: Suraj Giramkar

Roll No: A014

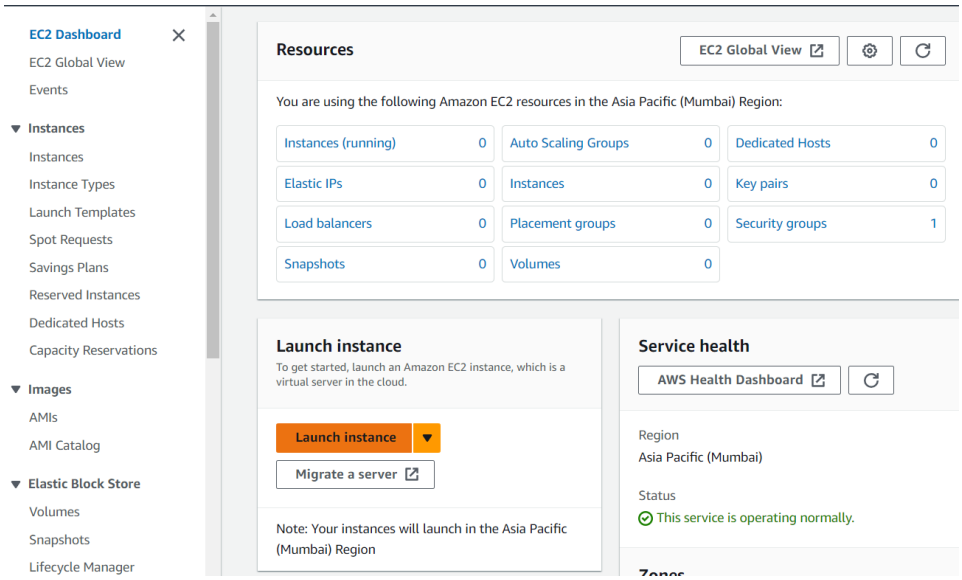
SAP ID: 86062300052

Practical 1: Infrastructure as a service using AWS.

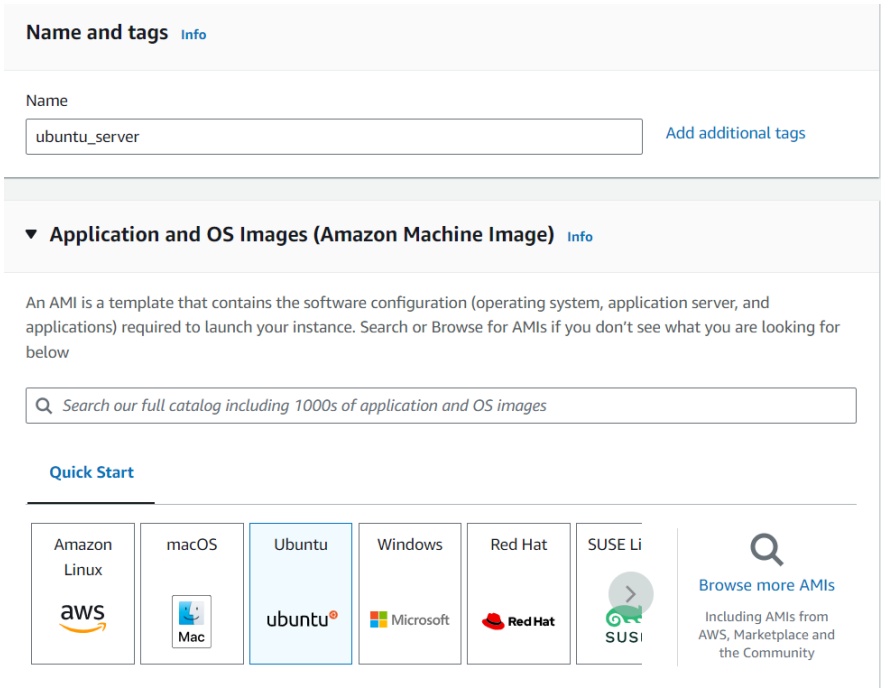
1. Implementing the Ubuntu machine using AWS ec2 and execute LINUX commands.

Steps involved:

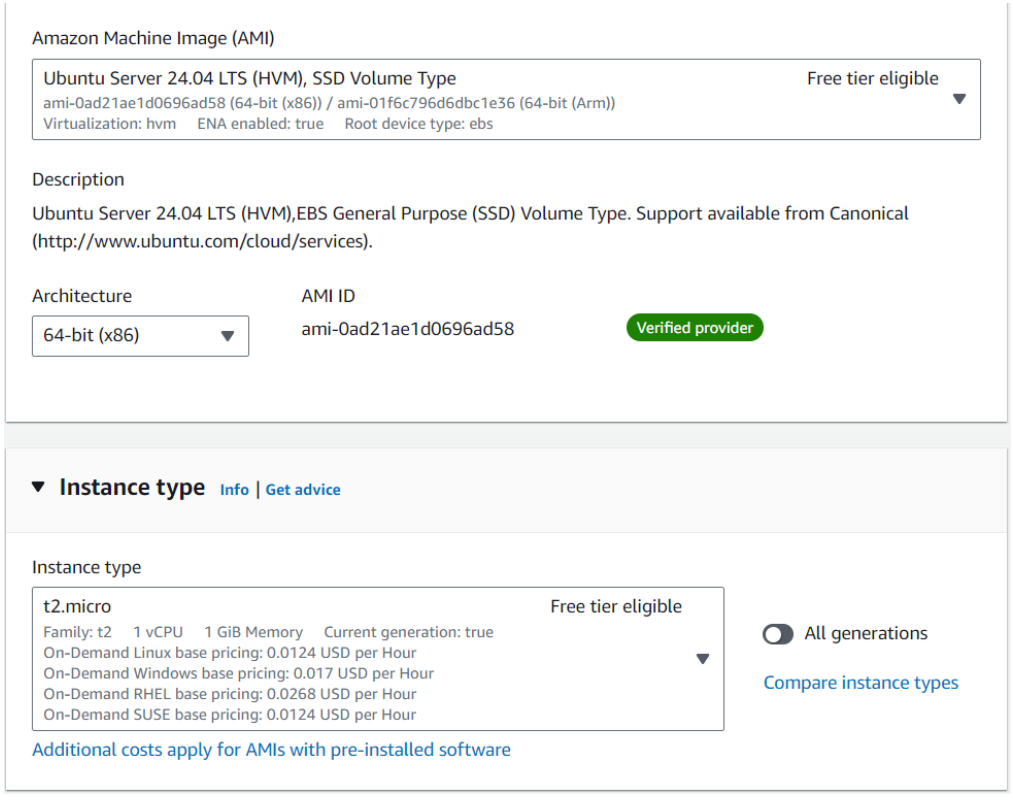
Click on launch instance after searching for ec2 dashboard.



Name the instance and from the quick start menu select Ubuntu server.

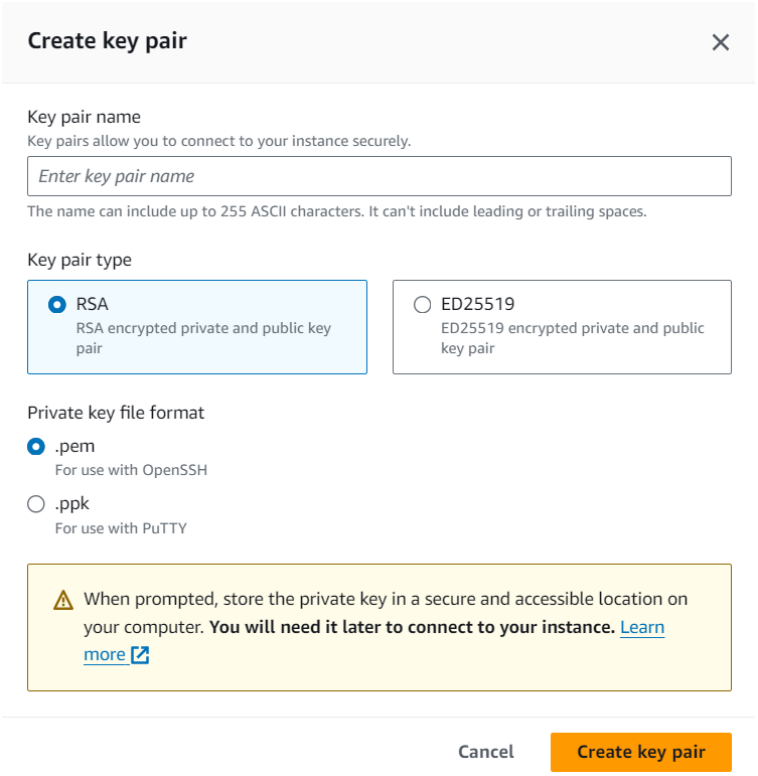


Select appropriate Ubuntu server from Amazon Machine Image and the instance type.

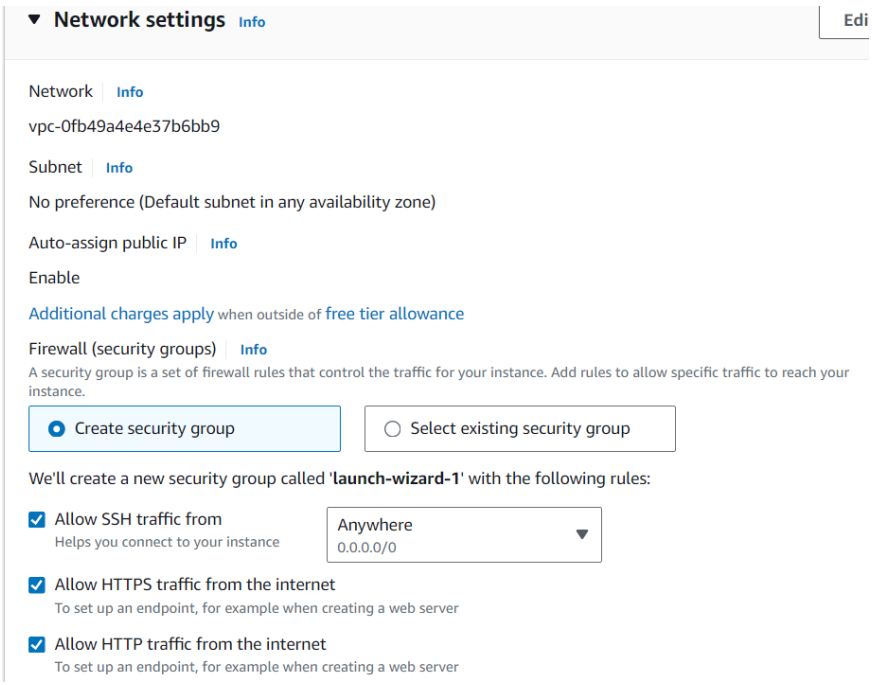


Key-pair: It is used to ensure safe login and connection to your EC2 instance.

Create new key-pair by naming it and keeping the following settings same.



Allow all the following rules and then select launch instance.



Write linux commands on the server.

```
Last login: Tue Jul 23 13:18:35 2024 from 13.233.177.3
ubuntu@ip-172-31-14-111:~$ date
Tue Jul 23 14:10:31 UTC 2024
ubuntu@ip-172-31-14-111:~$ mkdir dir1 dir2 dir3
ubuntu@ip-172-31-14-111:~$ ls
dir1  dir2  dir3
ubuntu@ip-172-31-14-111:~$ touch test.txt
ubuntu@ip-172-31-14-111:~$ cat test
cat: test: No such file or directory
ubuntu@ip-172-31-14-111:~$ ls
dir1  dir2  dir3  test.txt
ubuntu@ip-172-31-14-111:~$ cat test.txt
ubuntu@ip-172-31-14-111:~$ echo Hello! I am writing ubuntu linux commands
Hello! I am writing ubuntu linux commands
ubuntu@ip-172-31-14-111:~$
```

```
ubuntu@ip-172-31-14-111:~$ sudo apt install python3
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
python3 is already the newest version (3.12.3-0ubuntu1).
python3 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 22 not upgraded.
ubuntu@ip-172-31-14-111:~$
```