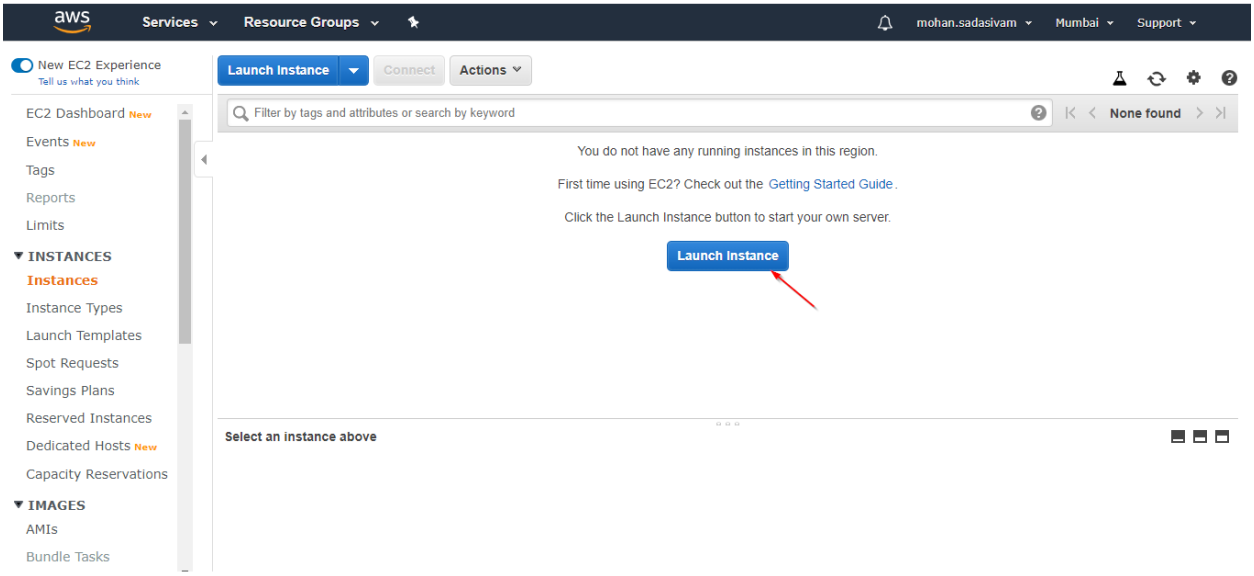
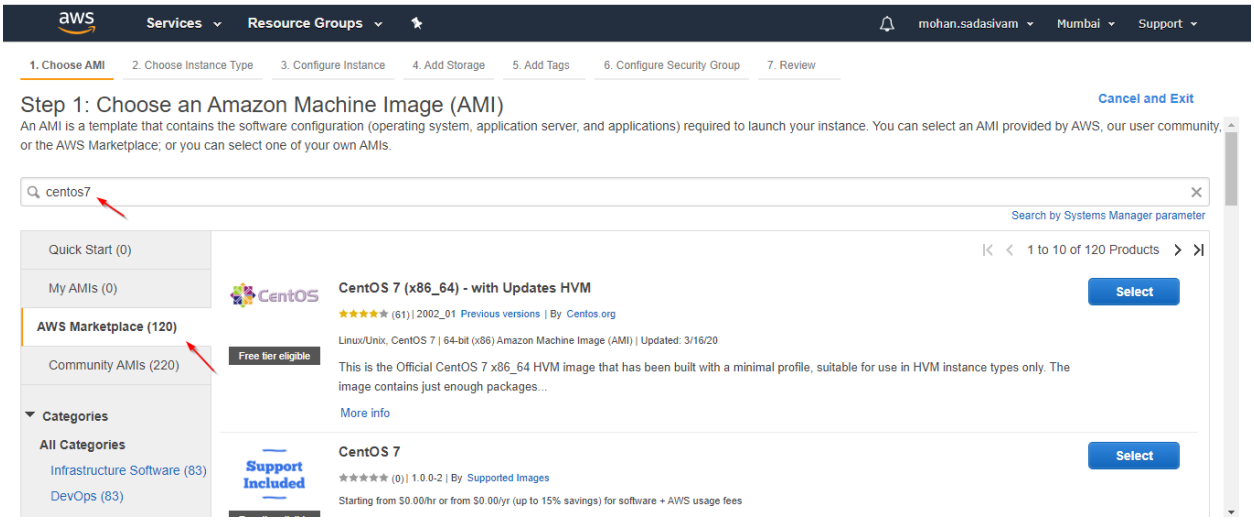
AWS Instance Creation

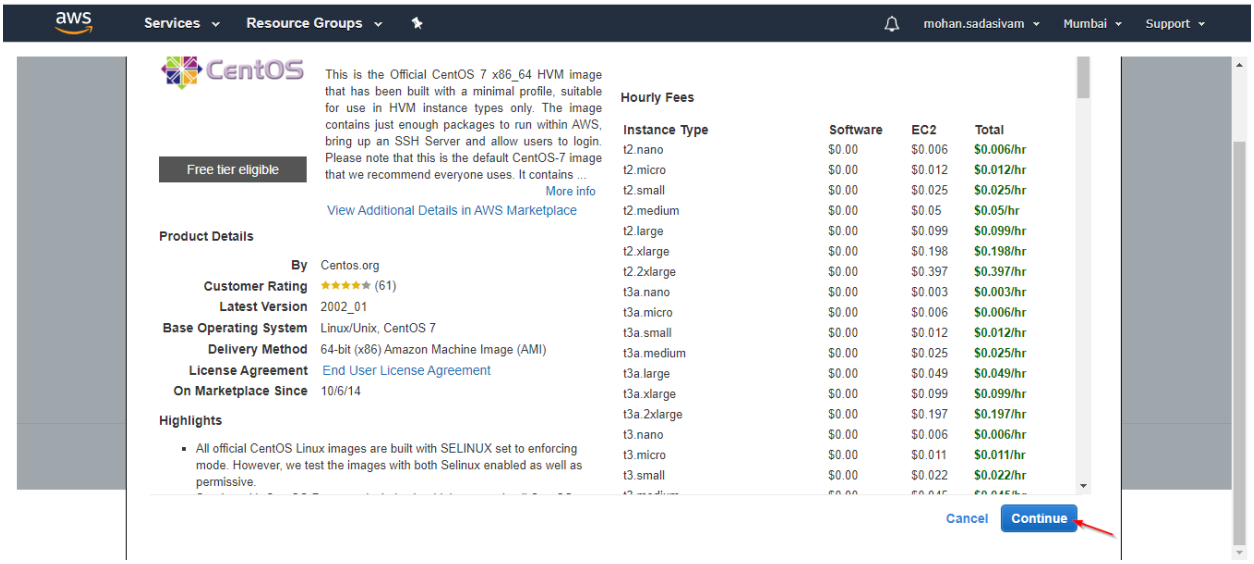
Procedure for building a cluster using AWS.

Step 1: Login to AWS using your account. Then click EC2 and launch instance.

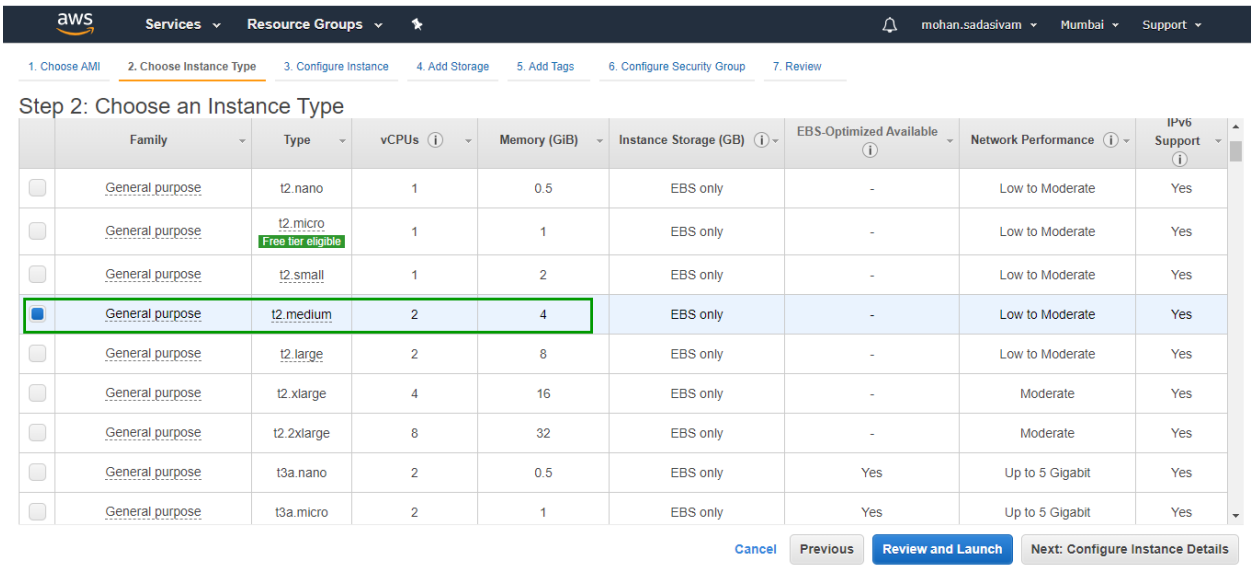


Step 2: Search centos7 in AWS marketplace and choose that.

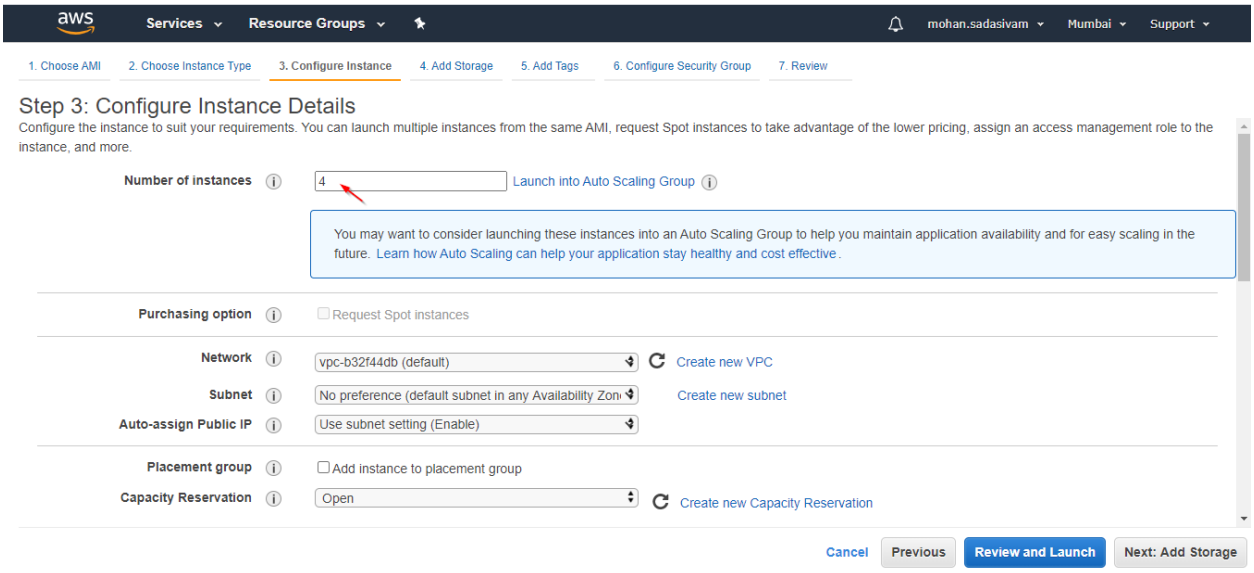


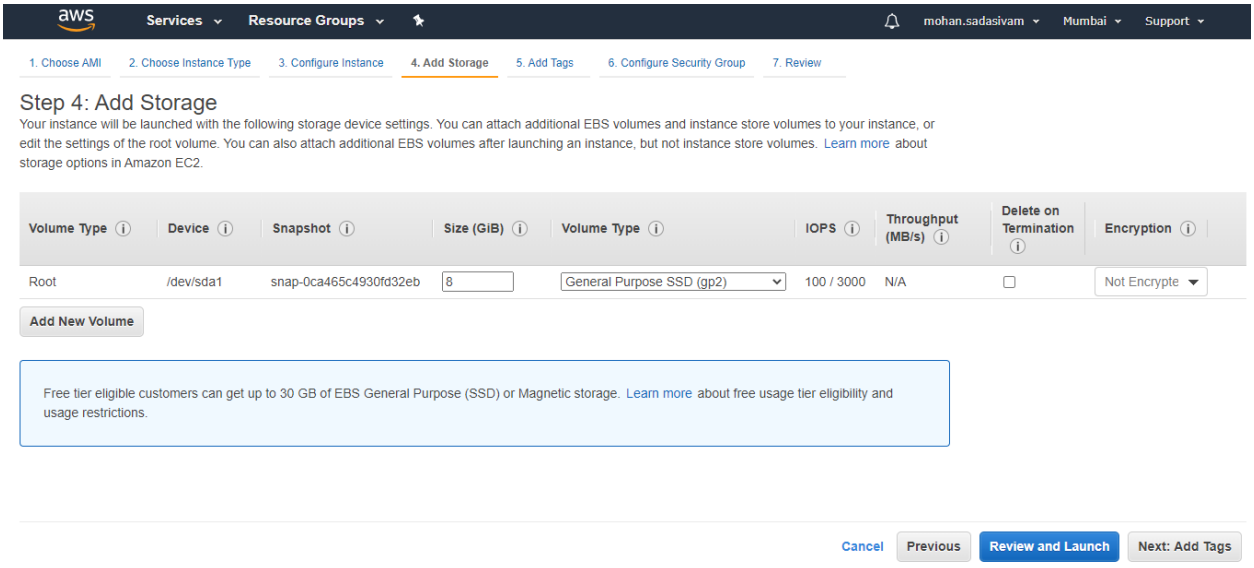


Step 3: Select t2.medium and click next configure instance details.

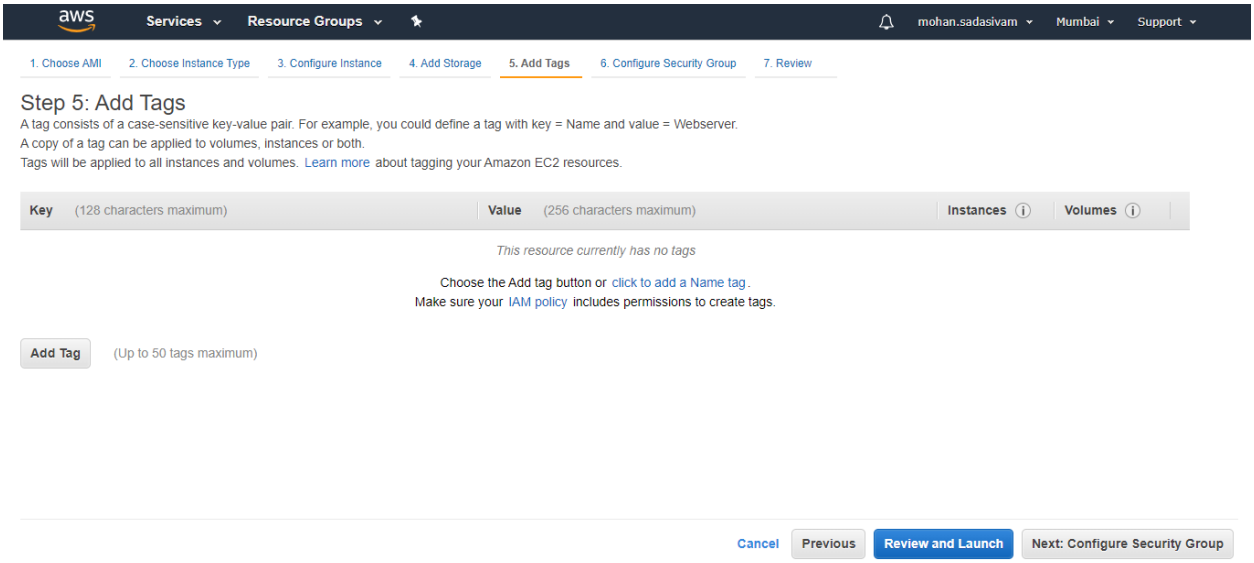


Step 4: Give the number of instances you want based on your requirement and then select the storage type.

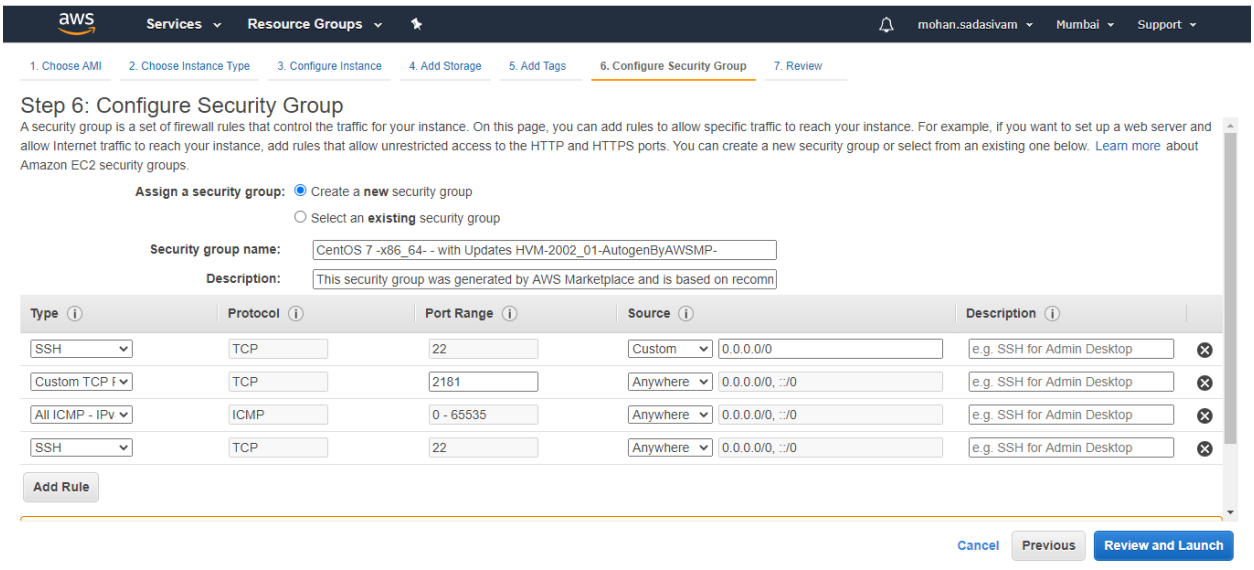




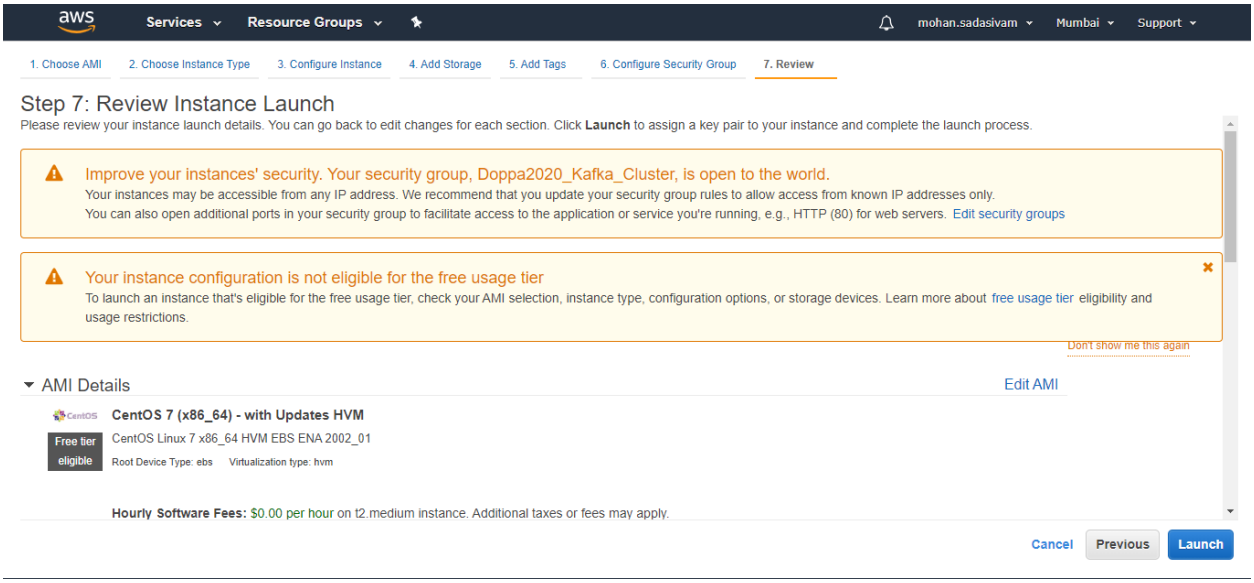
Step 5: Then add a tag to your insance i.e name for the instance.



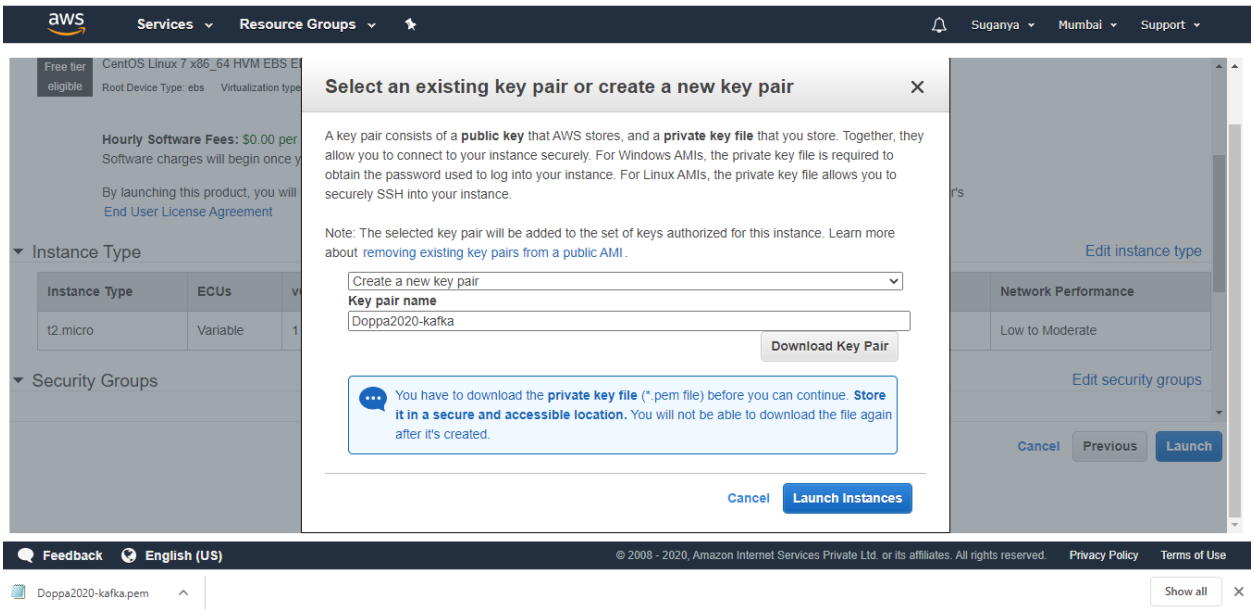
Step 6: Create a security group for the instance. According to the need we need to Open the ports.

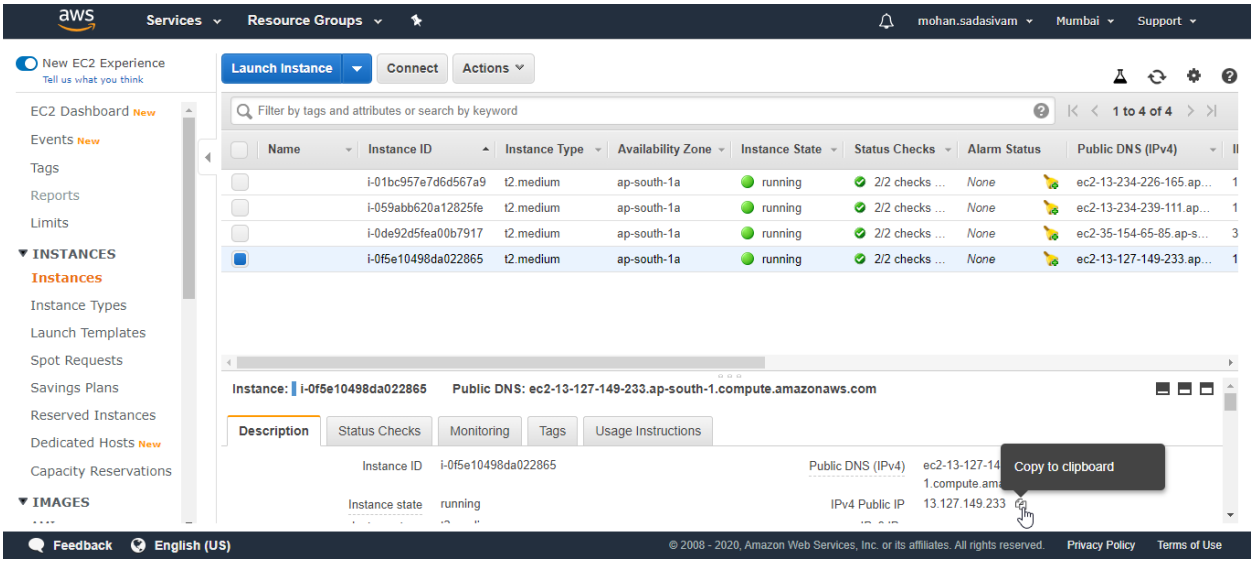


Step 7: Finally, your instance is ready to launch.



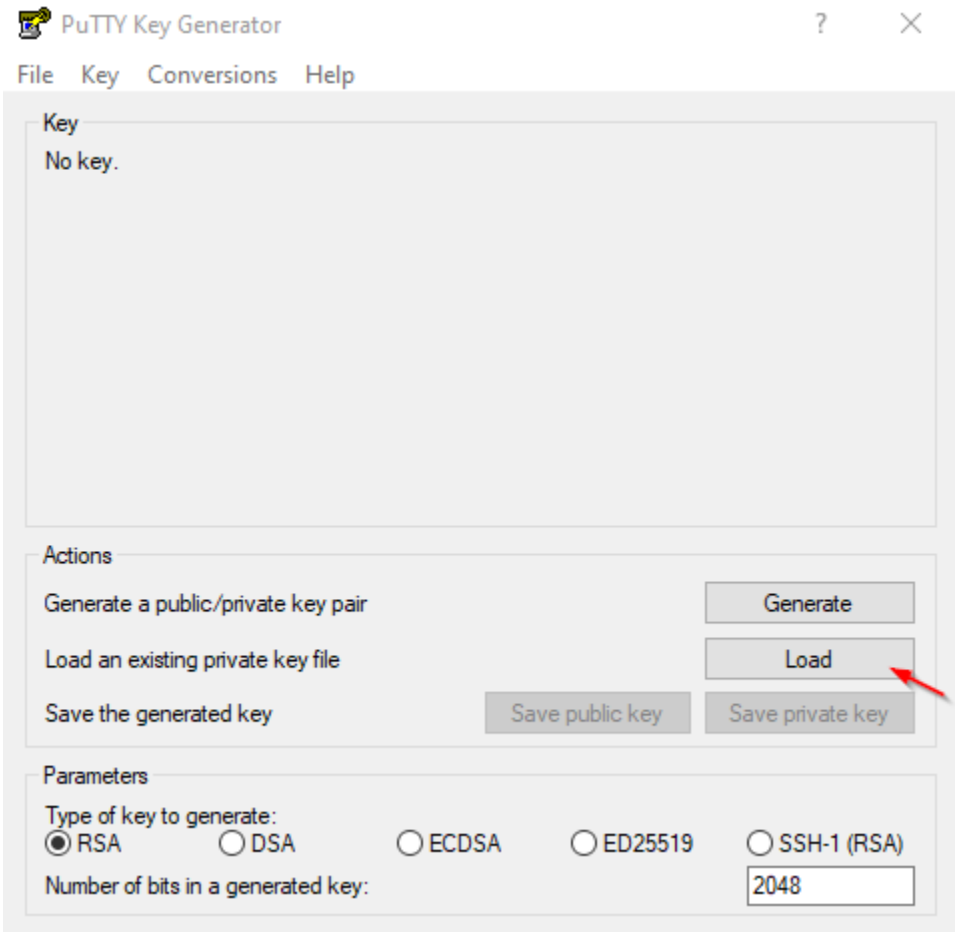
Step 8: Create a key pair, .pem file will be created, we have download it.



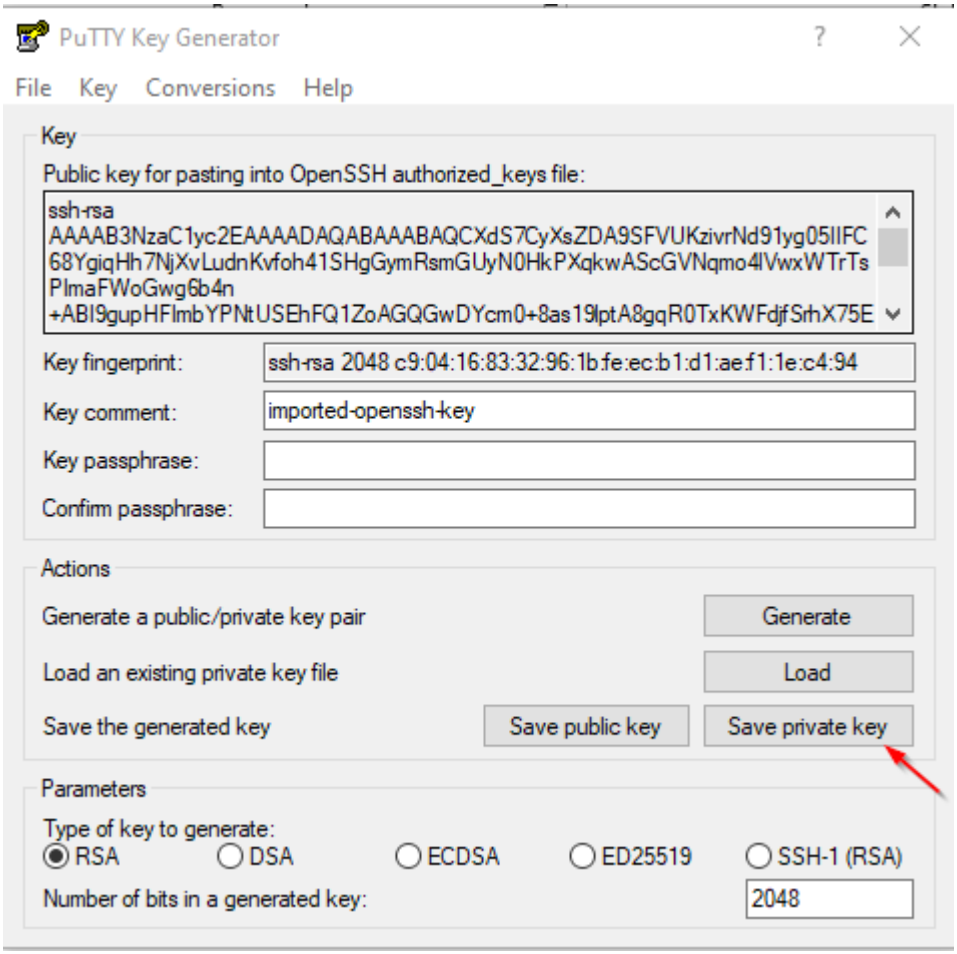


Step 9: Generate the ppk file using the .pem file that we download using PuTTYgen.

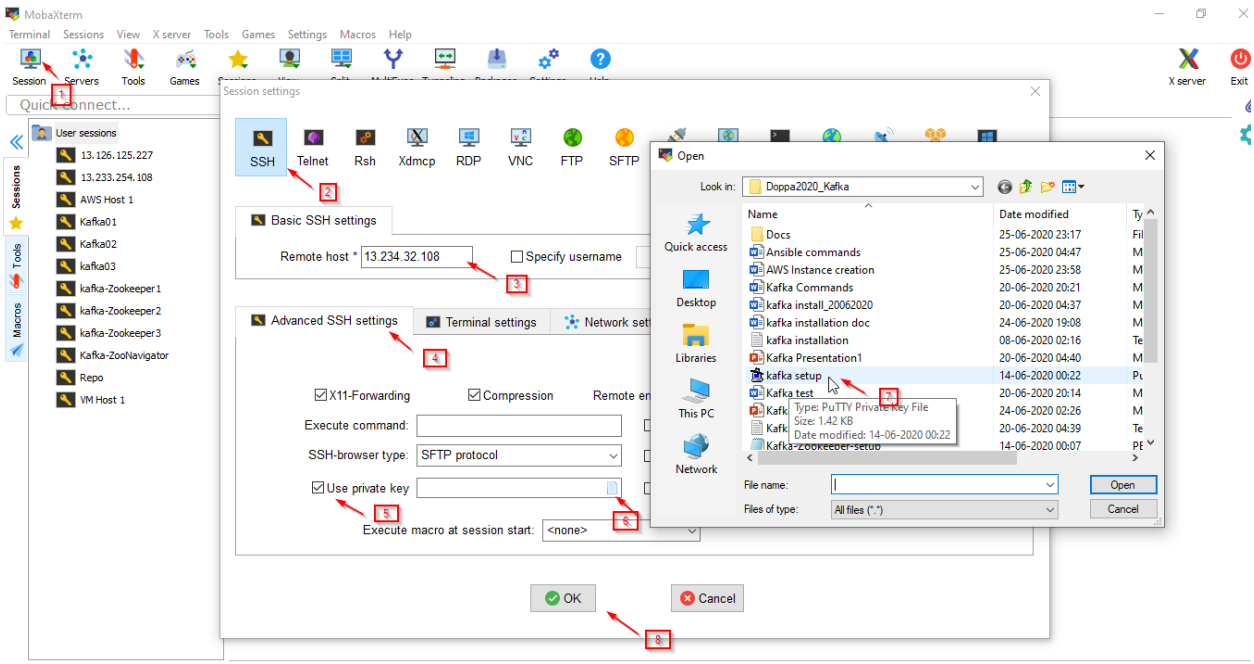
a. Load the .pem file we downloaded from AWS

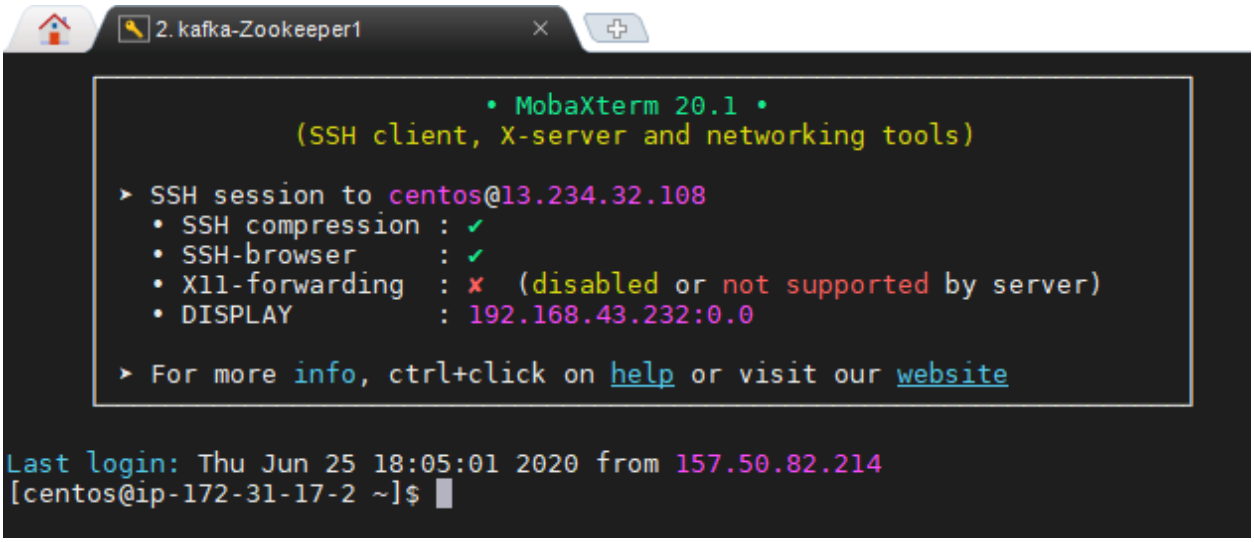


b. Save the private key (.ppk file) generated by PuTTYgen using .pem file.



Step 10: Connect the AWS instance using MobaXterm(ssh client tool)


MobaXterm
Terminal Sessions View X server Tools Games Settings Macros Help
Session
Servers
Tools
Games
X server
Exit
Quick connect...
User sessions
13.126.125.227
13.233.254.108
AWS Host 1
Kafka01
Kafka02
Kafka03
kafka-Zookeeper1
kafka-Zookeeper2
kafka-Zookeeper3
Kafka-ZooNavigator
Repo
VM Host 1
Sessions
Tools
Macros
Session settings
SSH
Telnet
Rsh
Xdmcp
RDP
VNC
FTP
SFTP
Basic SSH settings
Remote host * 13.234.32.108
Specify username
Advanced SSH settings
Terminal settings
X11-Forwarding
Compression
Execute command:
SSH-browser type: SFTP protocol
Use private key
Execute macro at session start: <none>
OK
Cancel
Open
Look in: Doppa2020_Kafka
Quick access
Desktop
Libraries
This PC
Network
Name
Date modified
Docs 25-06-2020 23:17
Ansible commands 25-06-2020 04:47
AWS Instance creation 25-06-2020 23:58
Kafka Commands 20-06-2020 20:21
kafka install_20062020 20-06-2020 04:37
kafka installation doc 24-06-2020 19:08
kafka installation 08-06-2020 02:16
Kafka Presentation1 20-06-2020 04:40
kafka setup 14-06-2020 00:22
Kafka test 20-06-2020 20:14
Type: PuTTY Private Key File
Size: 1.42 KB
Date modified: 14-06-2020 00:22
File name:
Files of type: All files (*.*)
Open
Cancel


2. kafka-Zookeeper1
• MobaXterm 20.1 •
(SSH client, X-server and networking tools)
➤ SSH session to centos@13.234.32.108
• SSH compression : ✔
• SSH-browser : ✔
• X11-forwarding : ✘ (disabled or not supported by server)
• DISPLAY : 192.168.43.232:0.0
➤ For more info, ctrl+click on help or visit our website
Last login: Thu Jun 25 18:05:01 2020 from 157.50.82.214
[centos@ip-172-31-17-2 ~]$

****