SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2016

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Practical Session: WE Tuesday

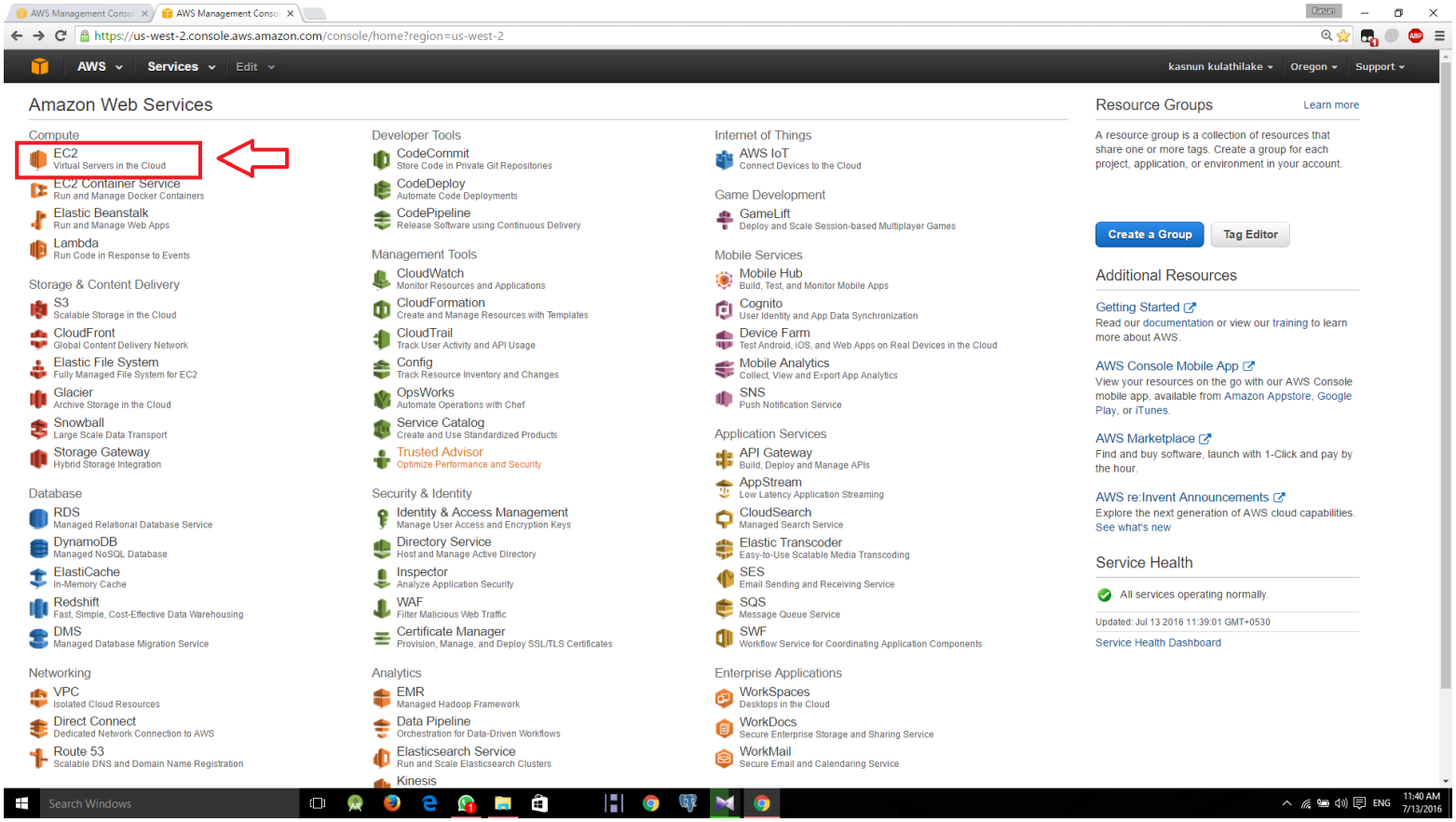
Practical Number : Lab 02

Date of Submission: 2016/07/3

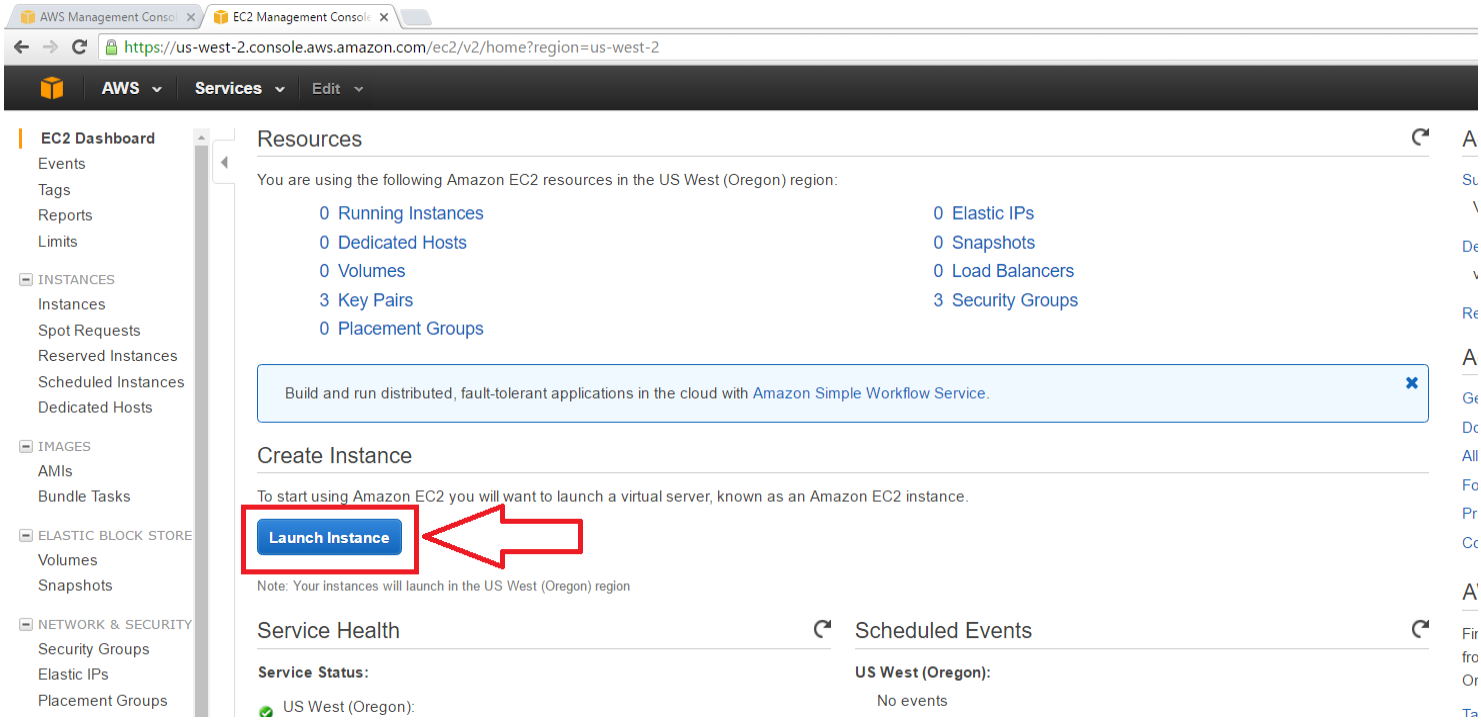
Launching the Linux AMI 2016

Steps

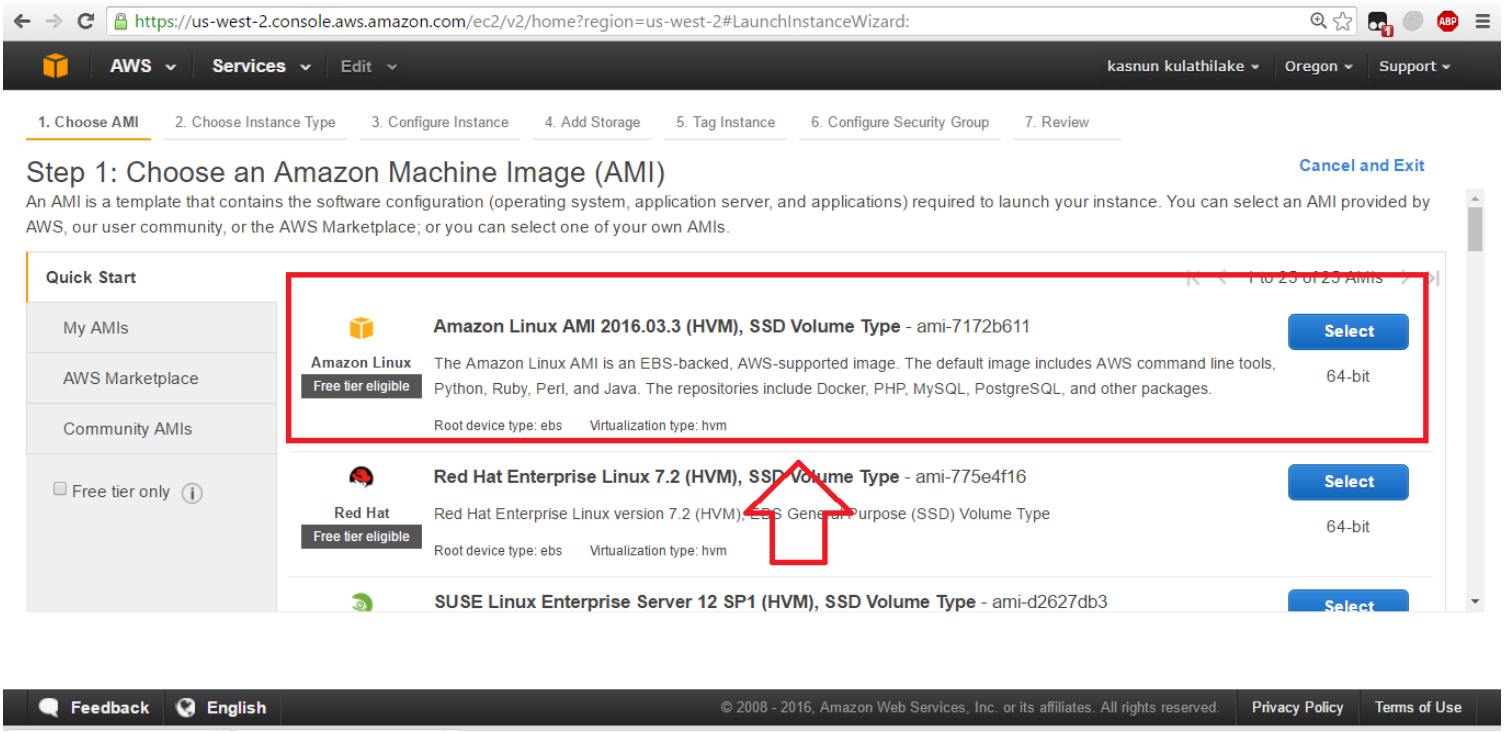
1. Open the Amazon EC2 console



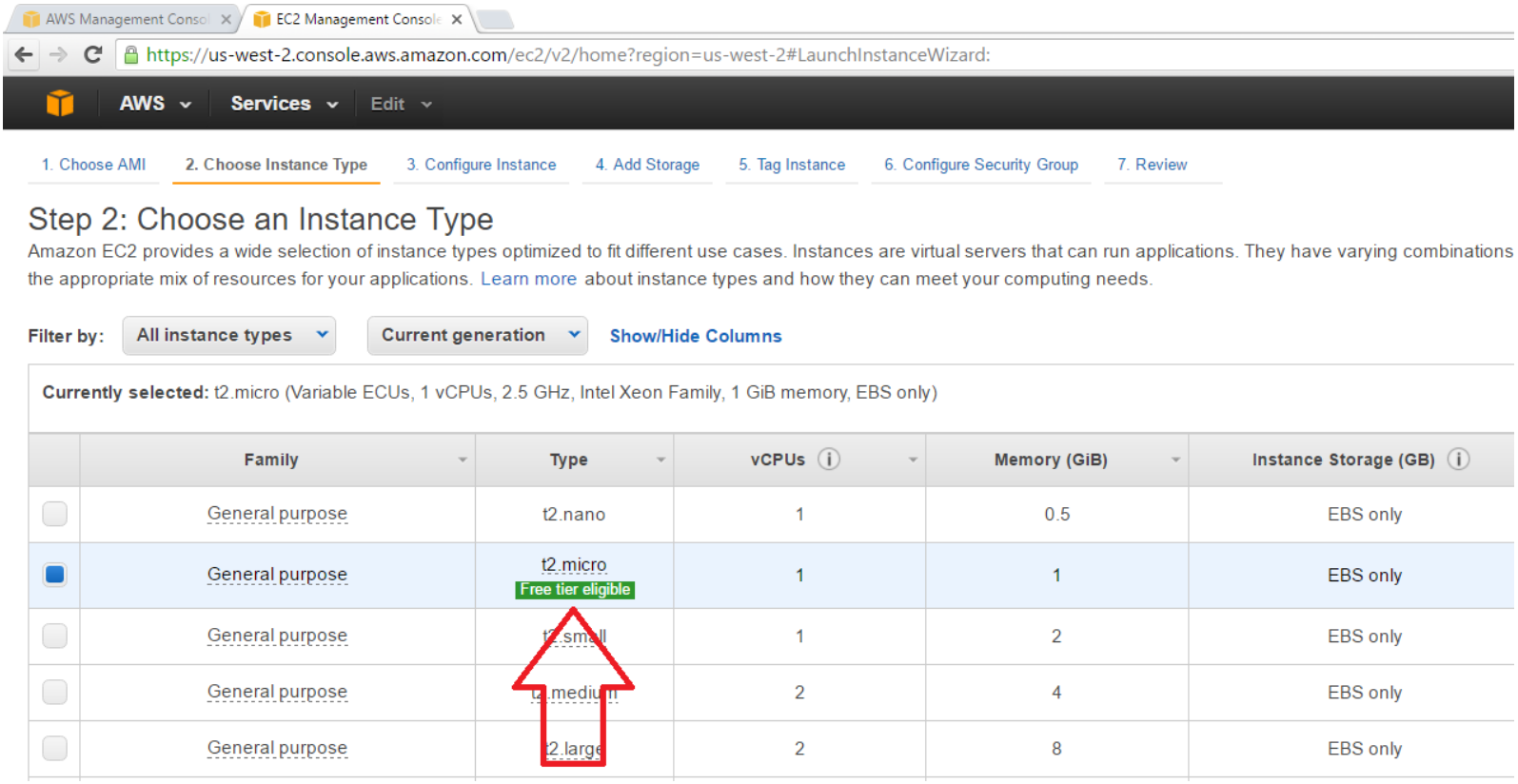
2. From the console dashboard .choose **launch instance**

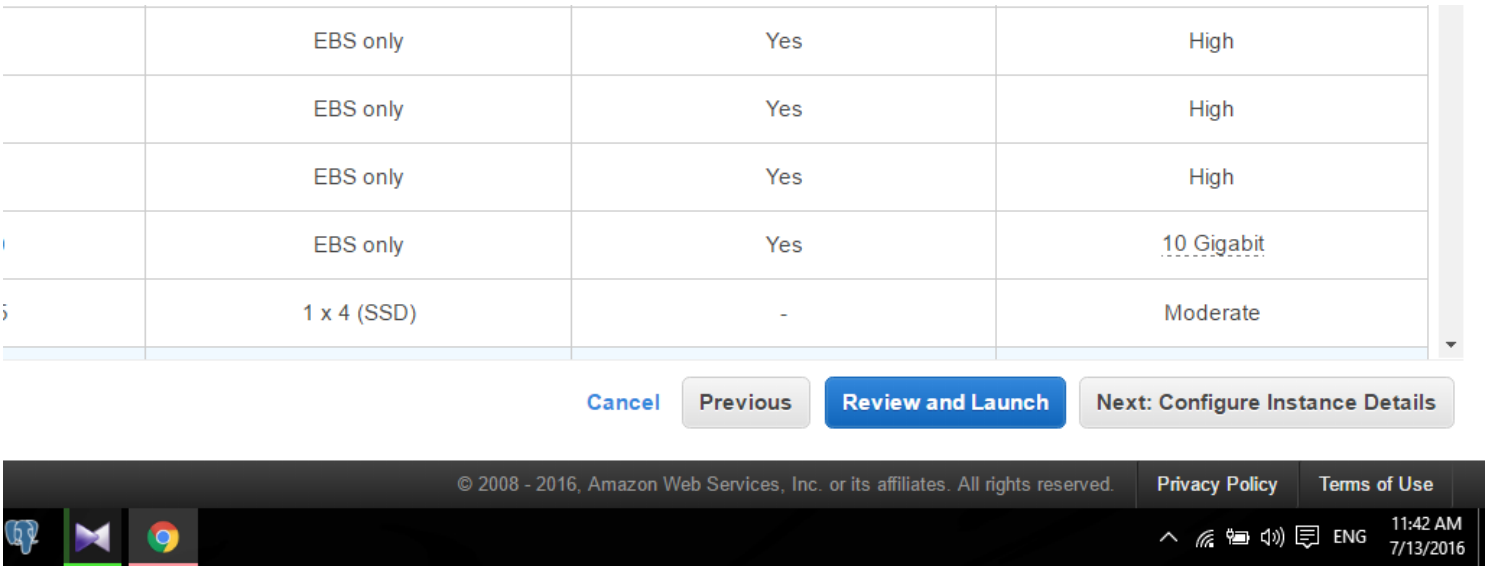


3. Choose an Amazon Machine Image (AMI) since you want to launch Linux AMI select the AMI for linux.

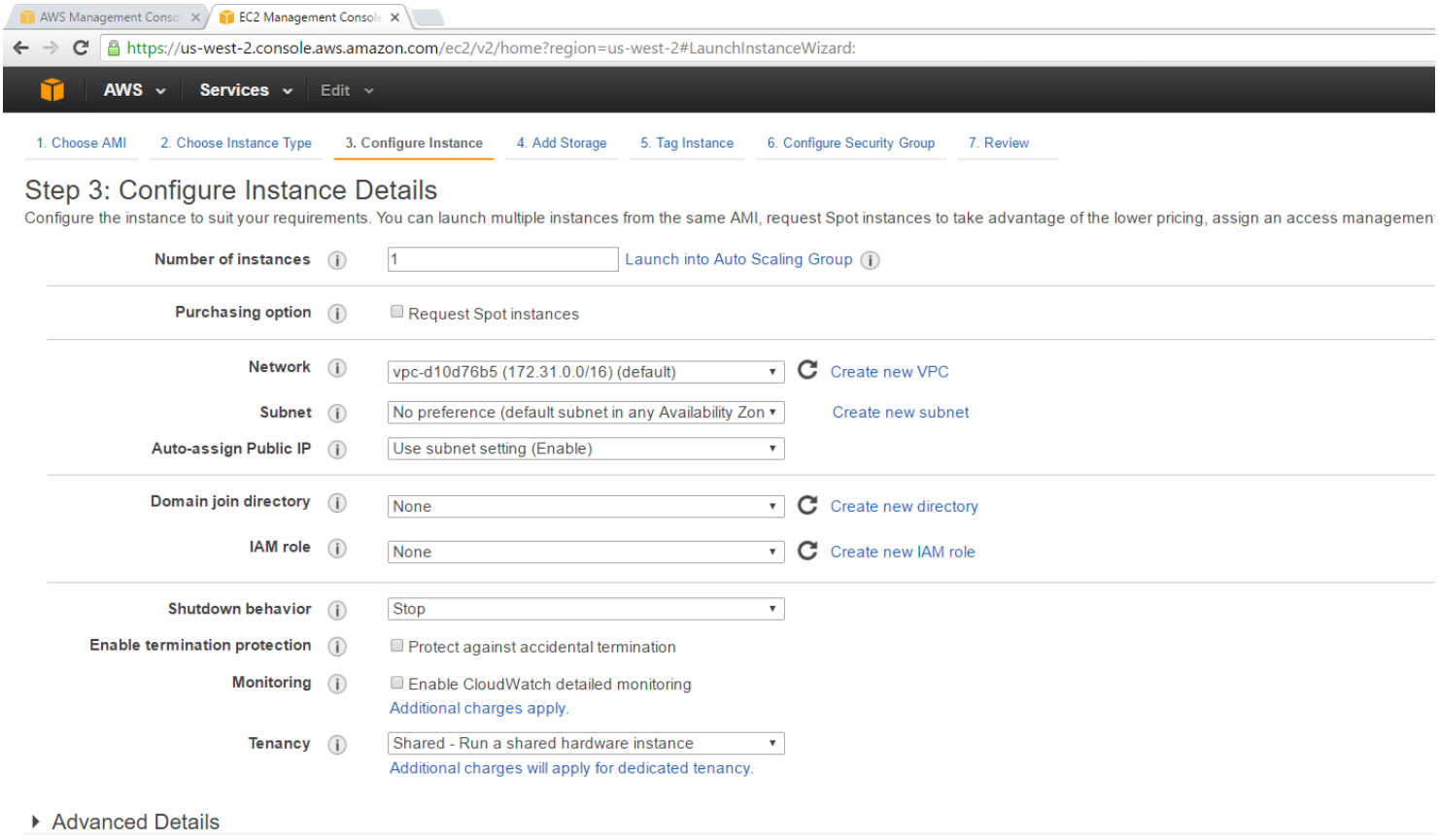


4. On the choose an instance type page we can select the hardware configuration for our selected instance. From the menu select the t2.micro type, which is selected by default and it's a free eligible tier. And then select configure instance details button

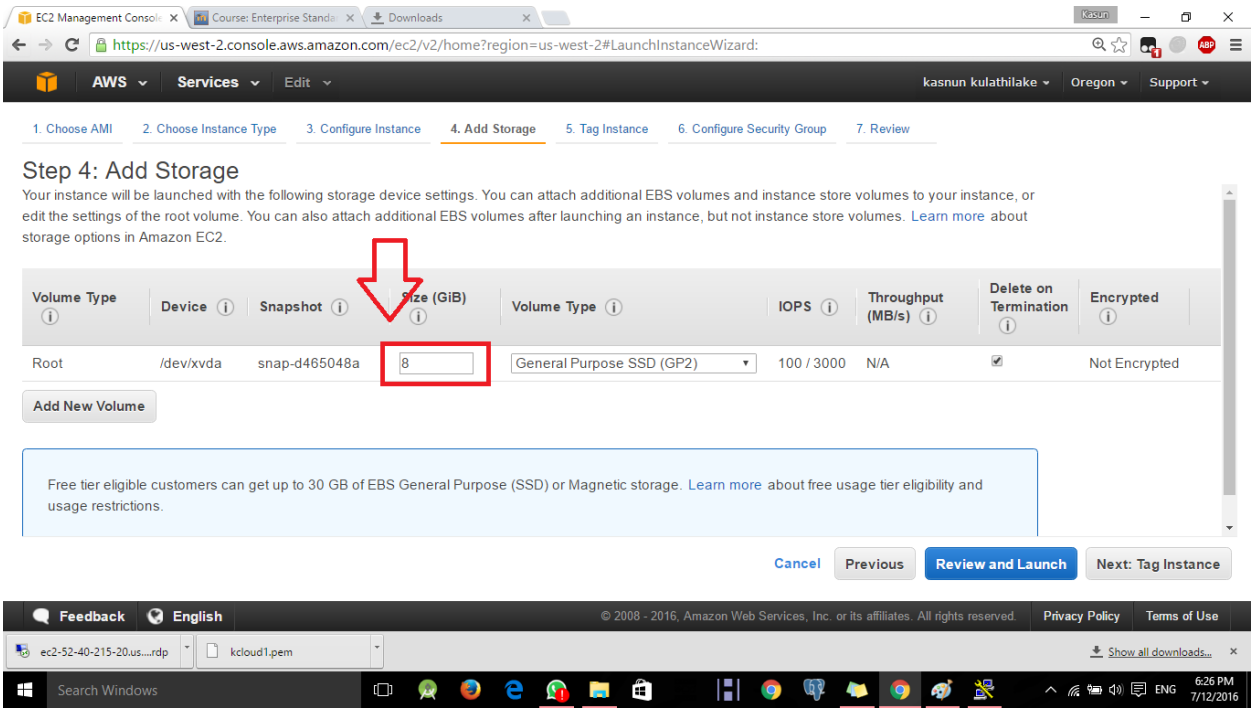




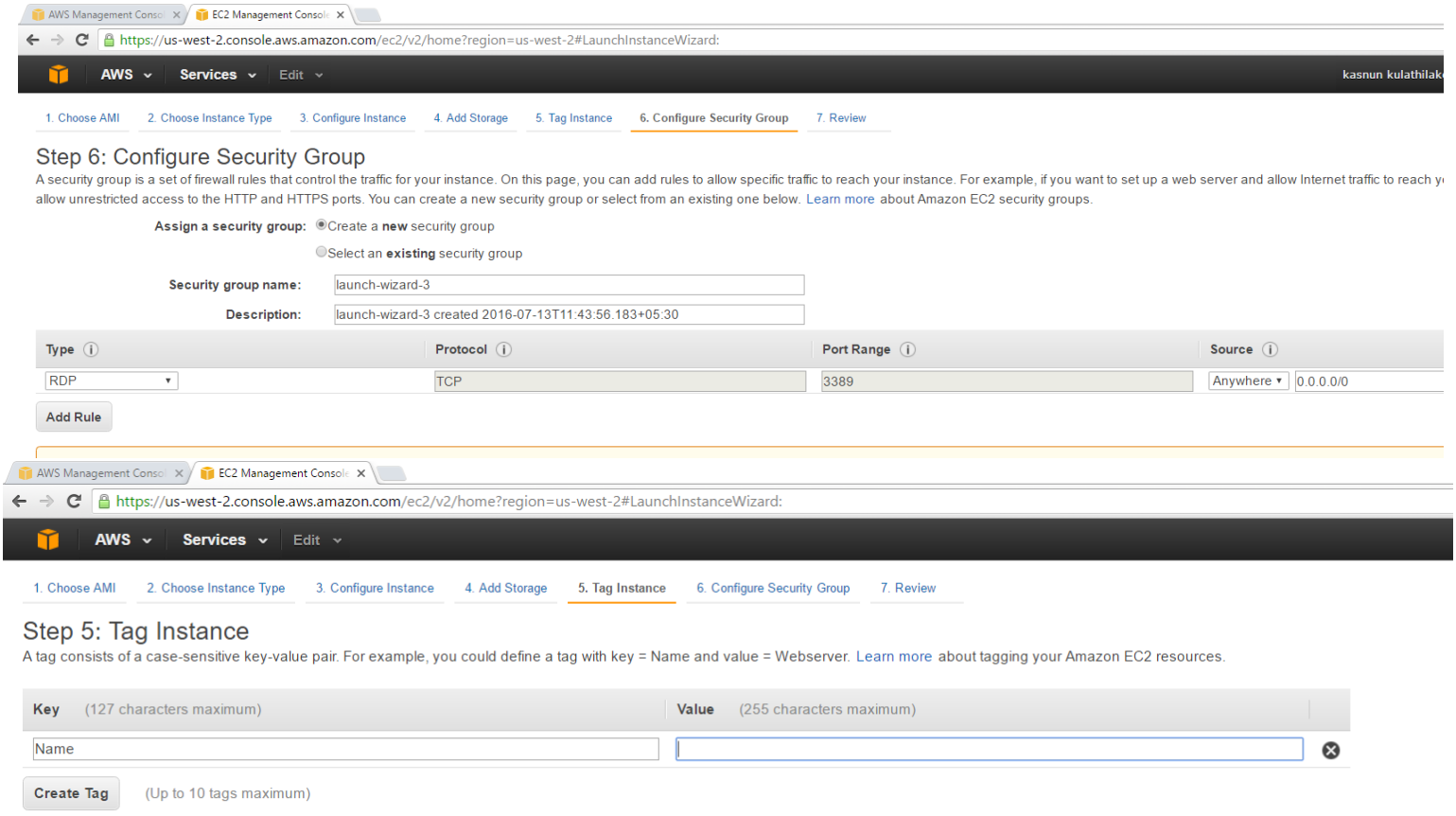
5. Here we can set the network and the assign the IP address and the subnet for our network. For now we use the default one.it can be change according to your network requirement. Then click the add storage button.

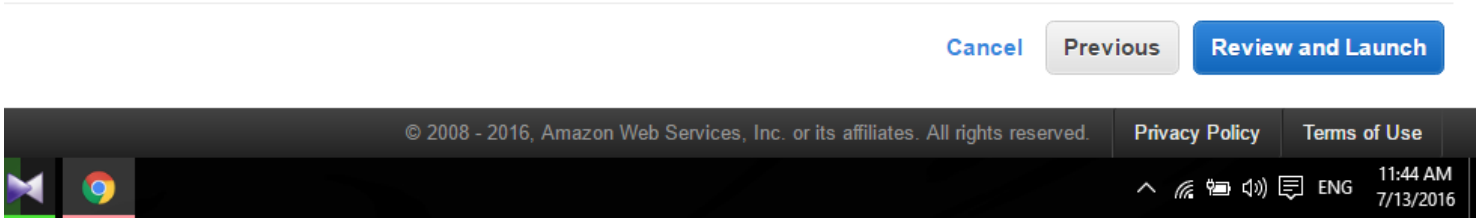


6. Here in add storage if you change the amount of GB it will charge from you so we keep the default value as it is. If you need more GB then you can change the amount according to your requirement.

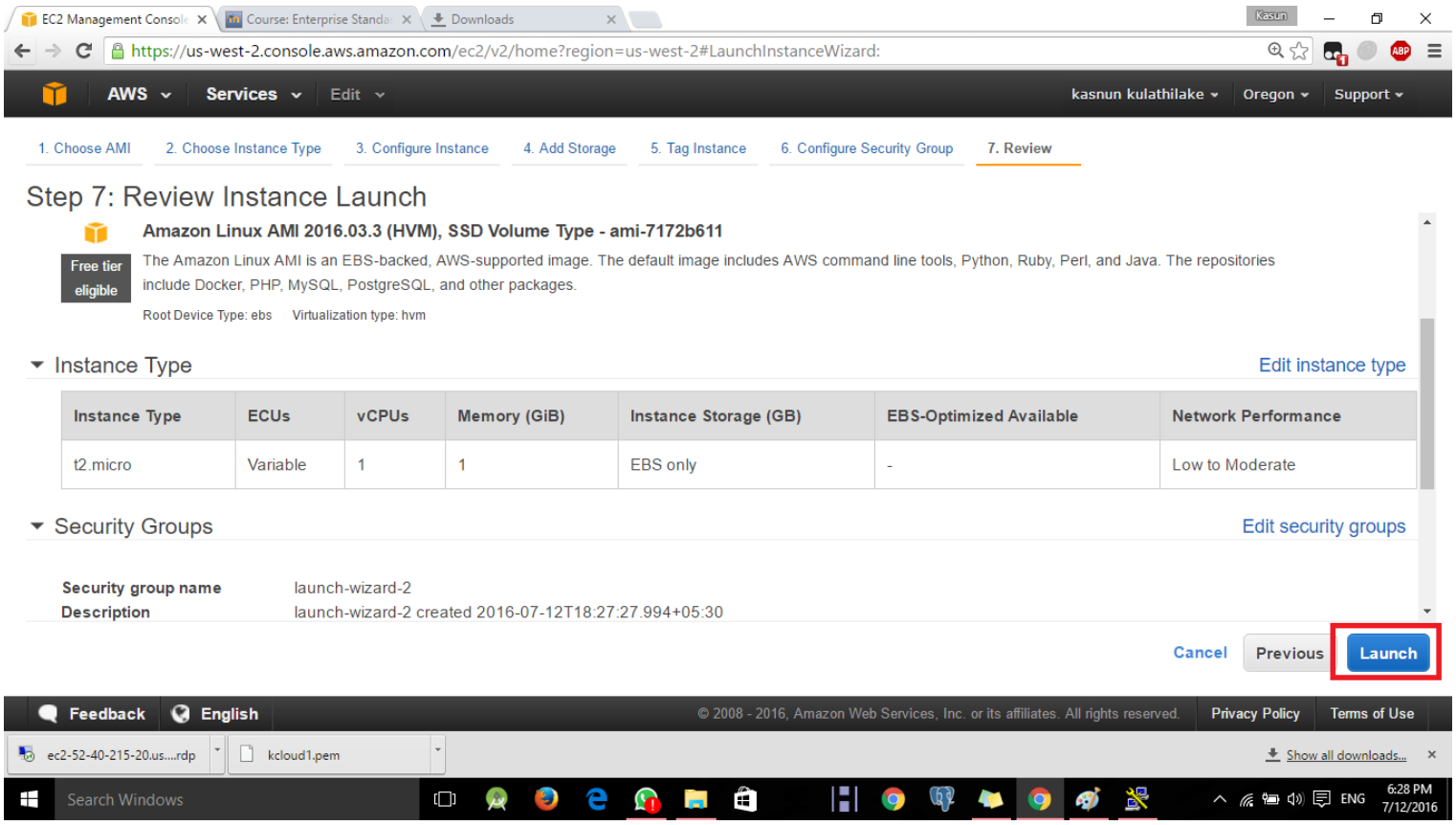


7. In tag instance we don't need to change the configuration so we keep the default values. And for security group we tick the create new security group. Now we can launch the instance. For that press the review and launch button.

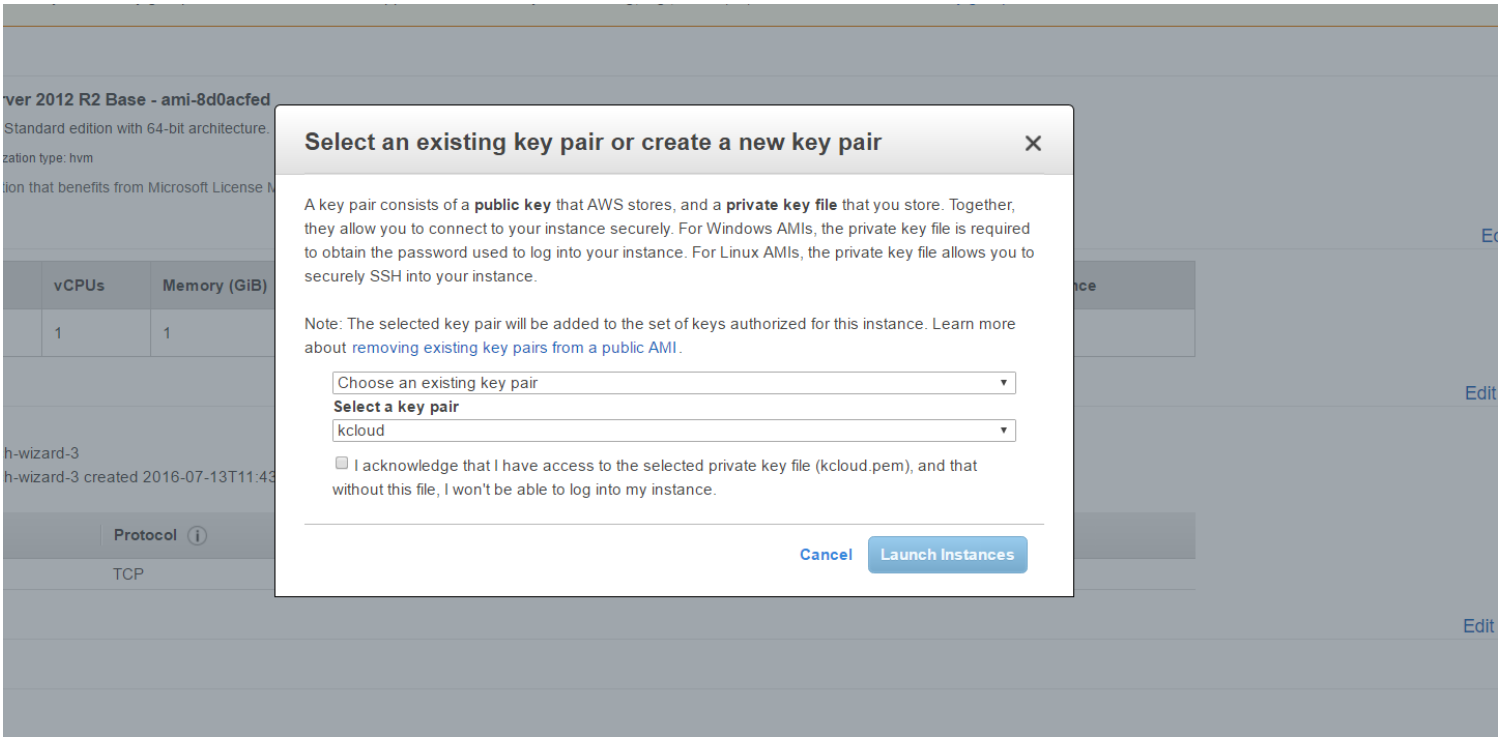




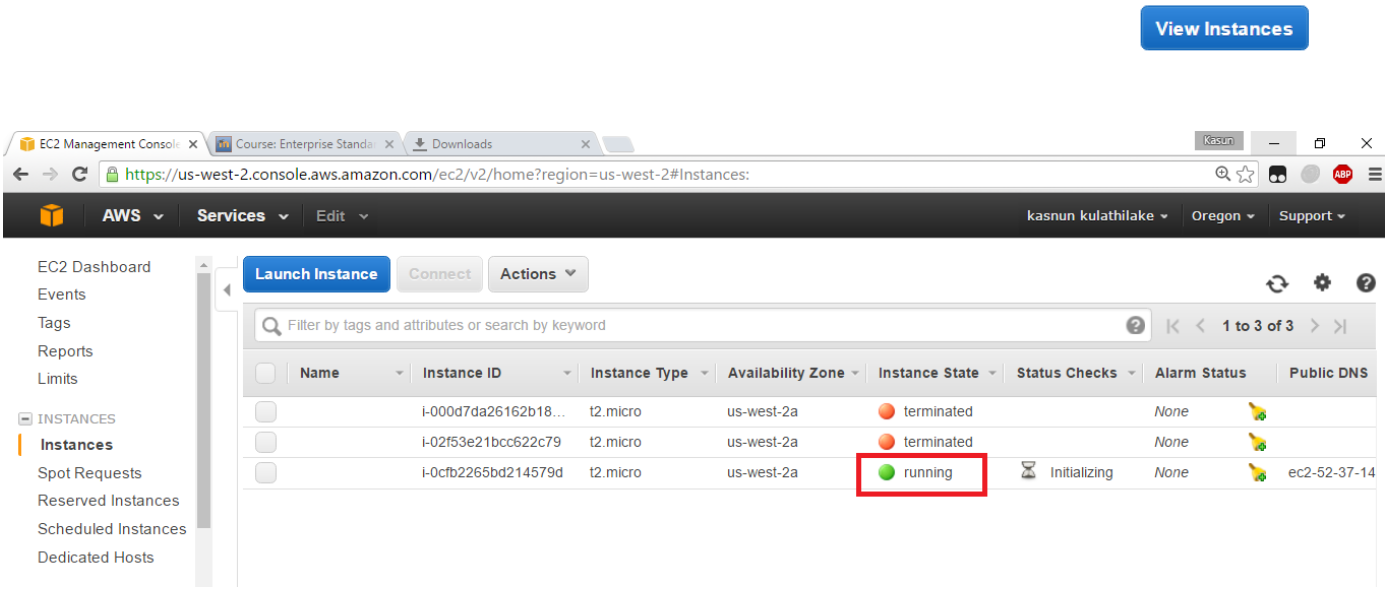
8. Then once you done with the review you can press the launch button.



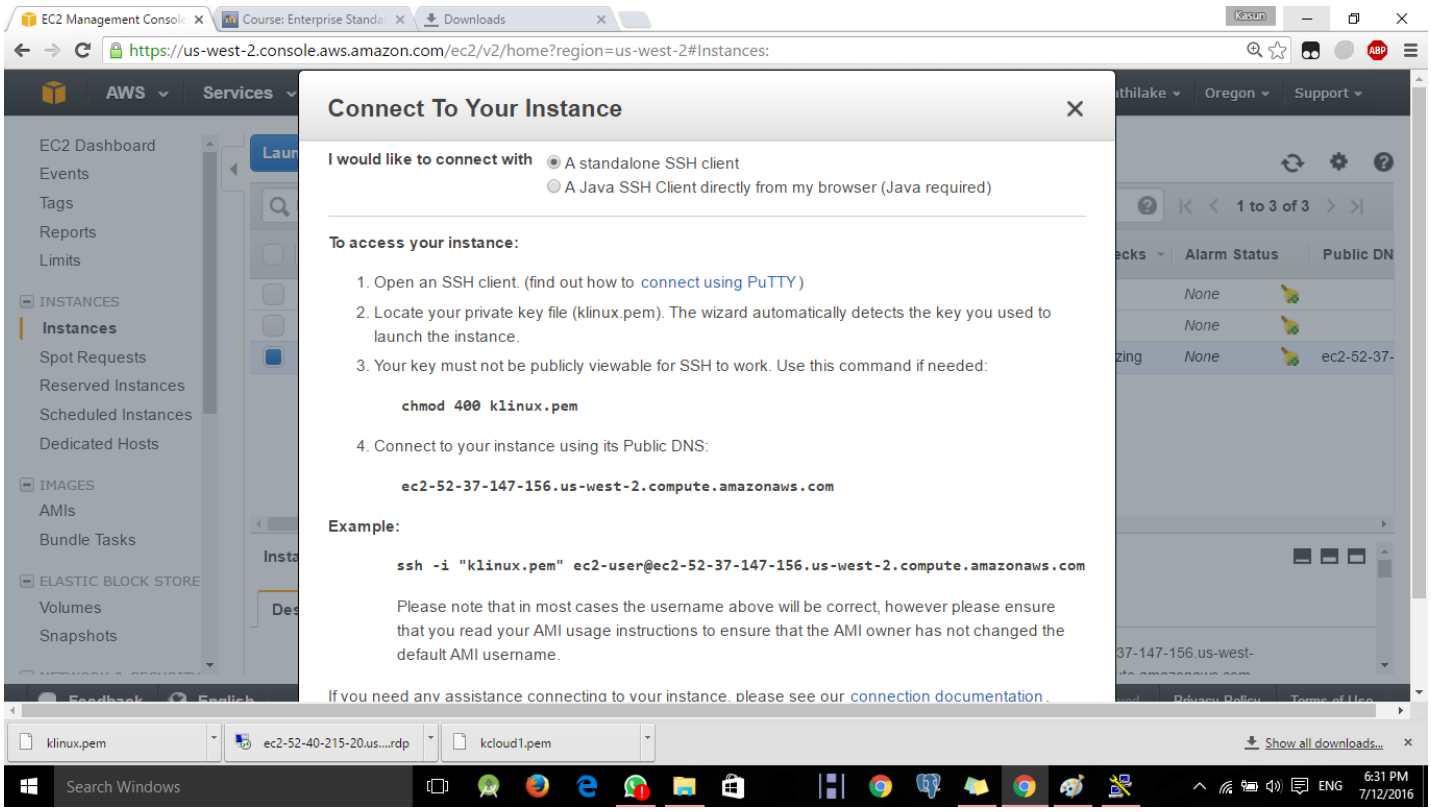
9. Once you hit the launch button then we can create the privet key pair for our new instance, then from the menu select the create new key pair and give the key pair name. If you have already created key then you can use that key for you instance.



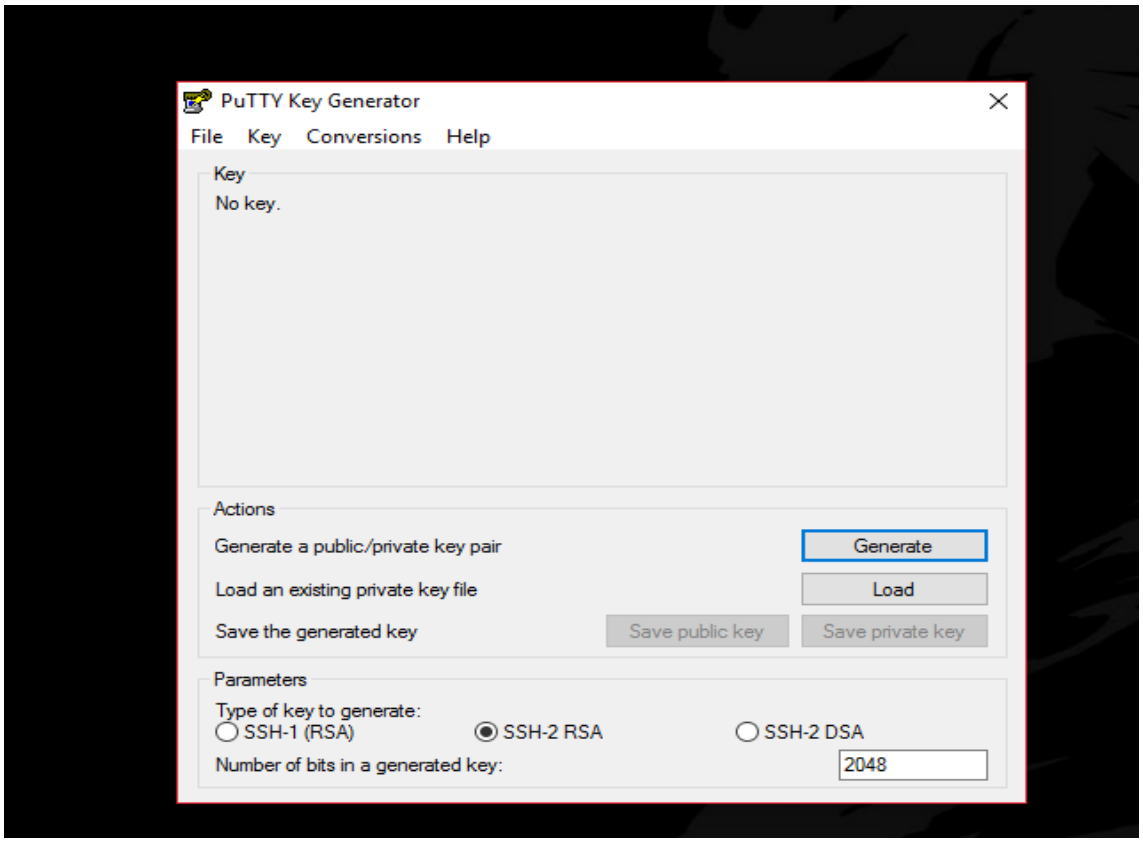
10. When you create the key then hit the launch instance button. then press view instance to view the launching instance. Now you can see that your instance is running.



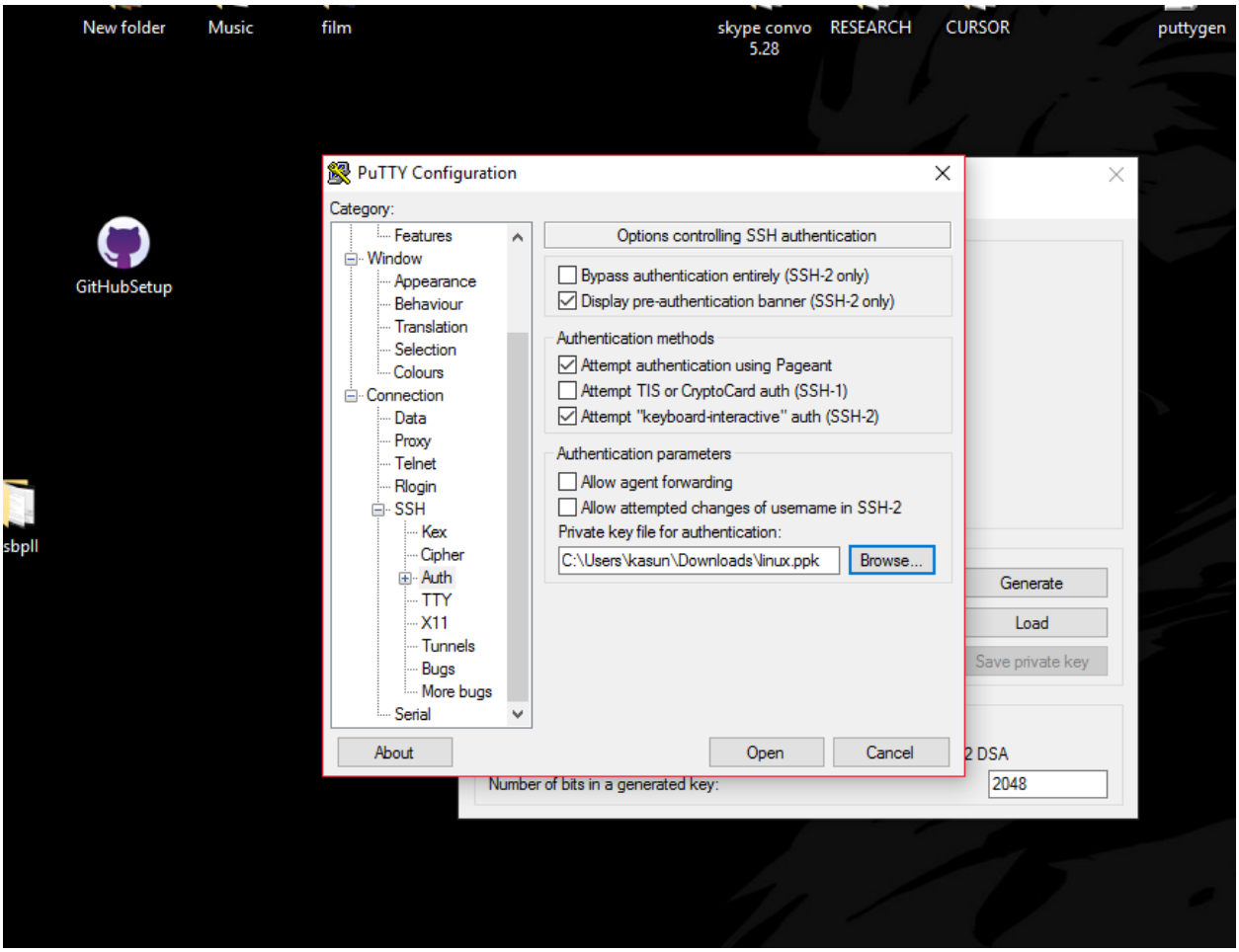
11. Now we need to connect with our machine. Here we can't directly connect with our server like windows. So we use putty software to set our connection.



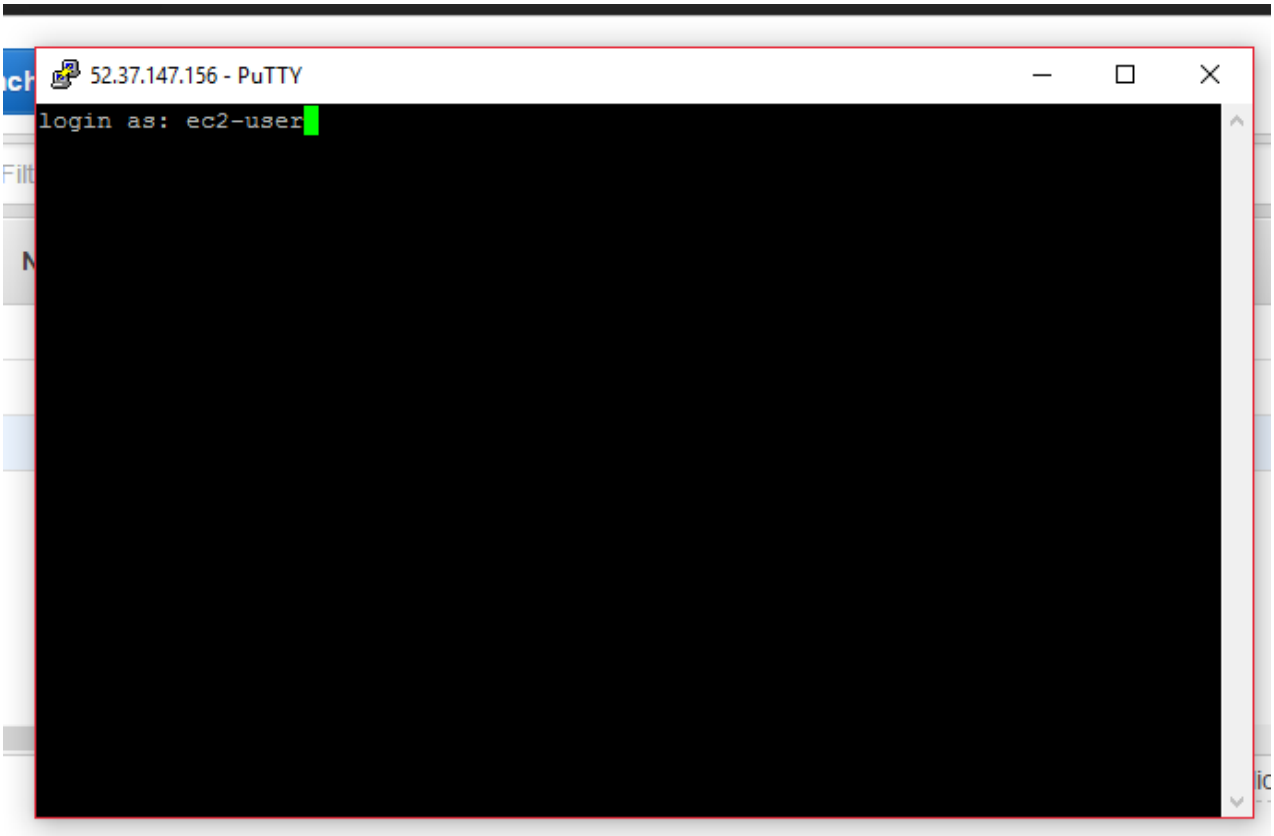
12. Using putty we can generate our key for connection

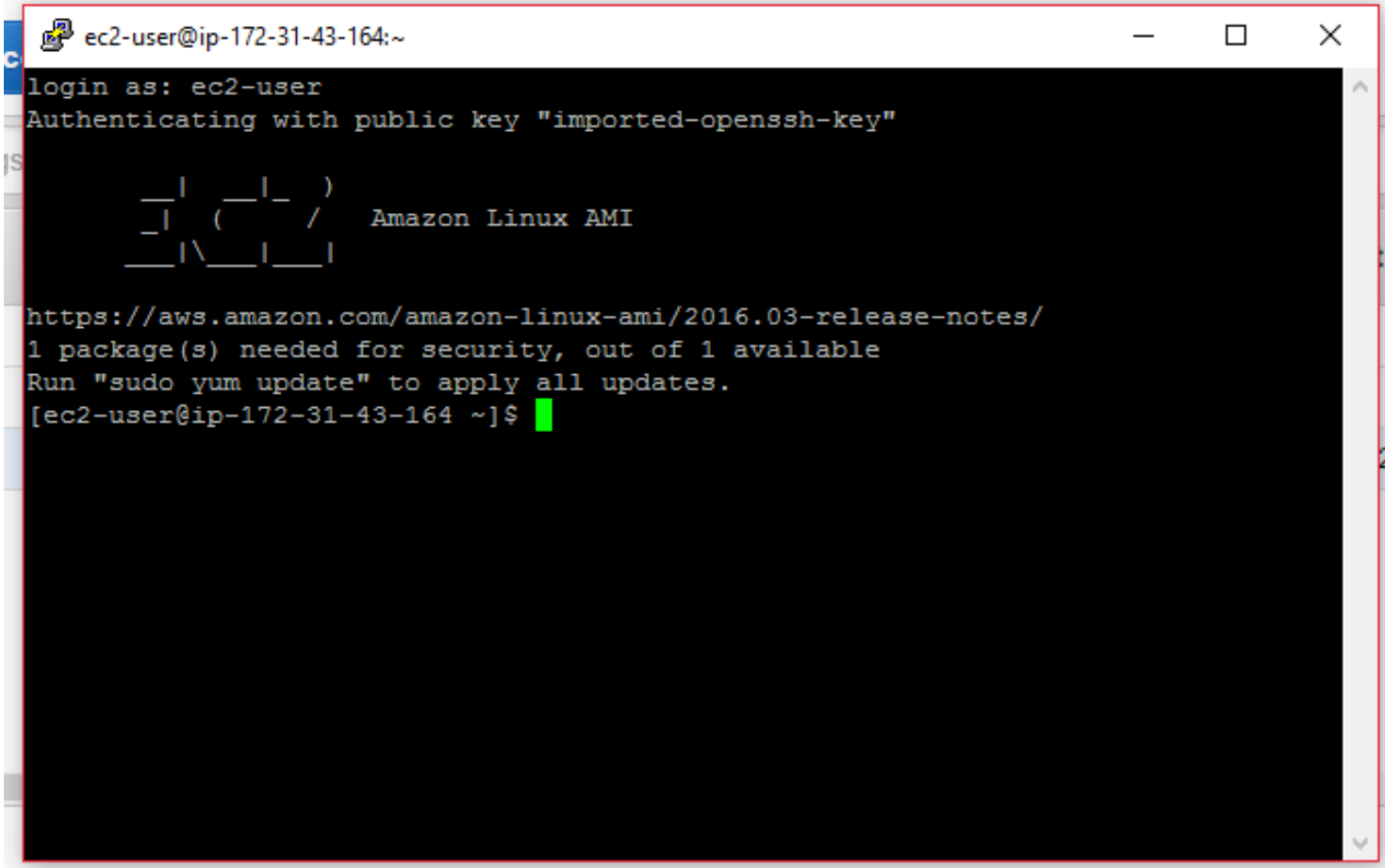


13. Using putty we convert the .ppk key file required for server connection



14. Once it convert the file we can logging to Linux server




ec2-user@ip-172-31-43-164:~
login as: ec2-user
Authenticating with public key "imported-openssh-key"
__| __|_)
_| (/   Amazon Linux AMI
___|___|___|
https://aws.amazon.com/amazon-linux-ami/2016.03-release-notes/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-43-164 ~]$