Enterprise Standards and Best Practices for IT Infrastructure

Lab 2 - Creating an Amazon EBS-Backed Windows AMI

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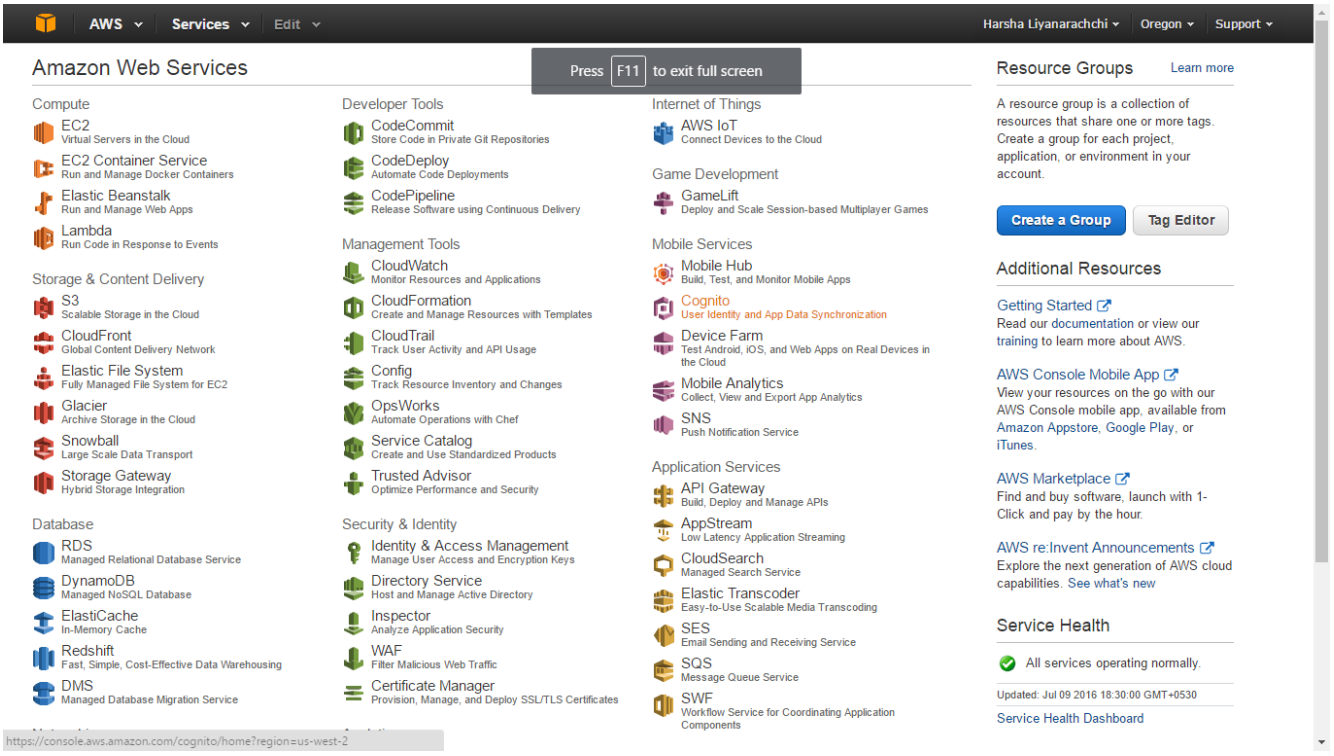
B.Sc. Special (Honors) Degree in Information Technology

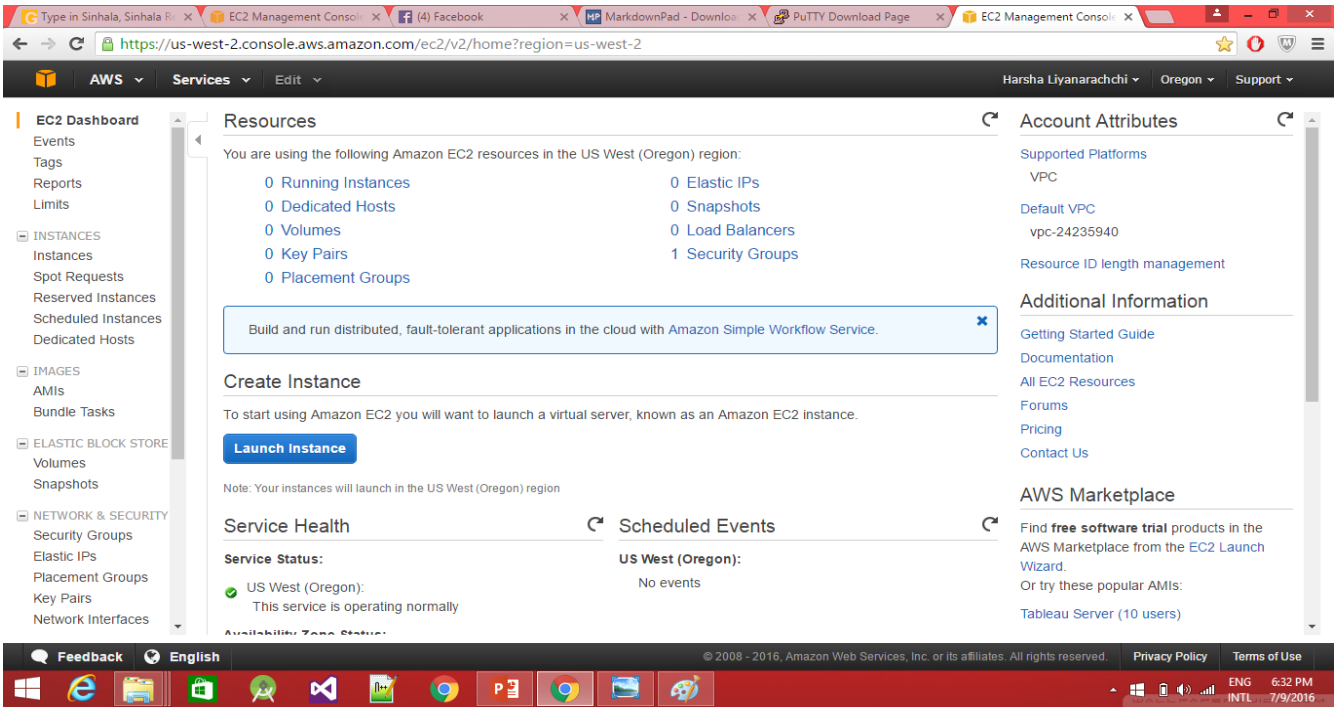
Specialized in Information Technology

Creating an Amazon EBS-Backed Linux AMI

Step 01 - Select EC2 web service (virtual servers in cloud) from Amazon Web Services.

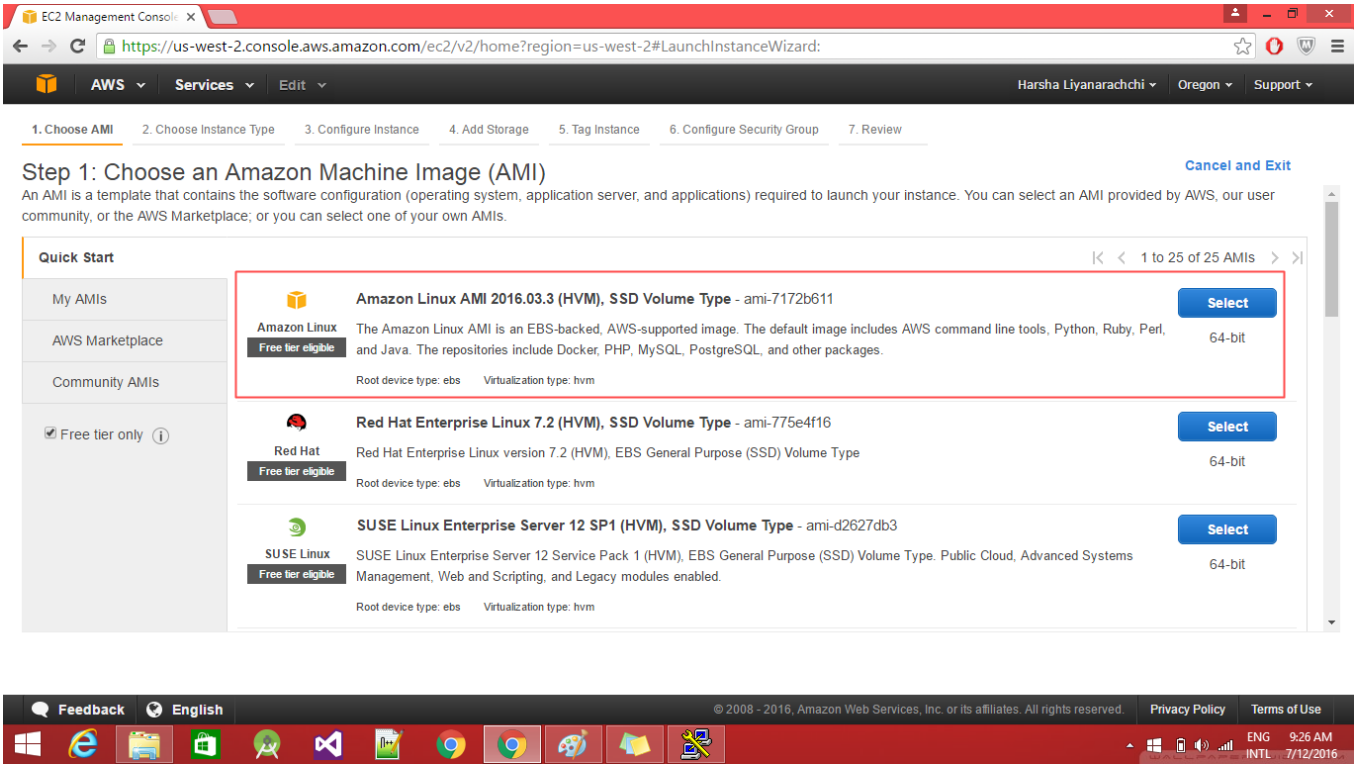


Step 02 - Select Launch Instance Button under the Create Instance.

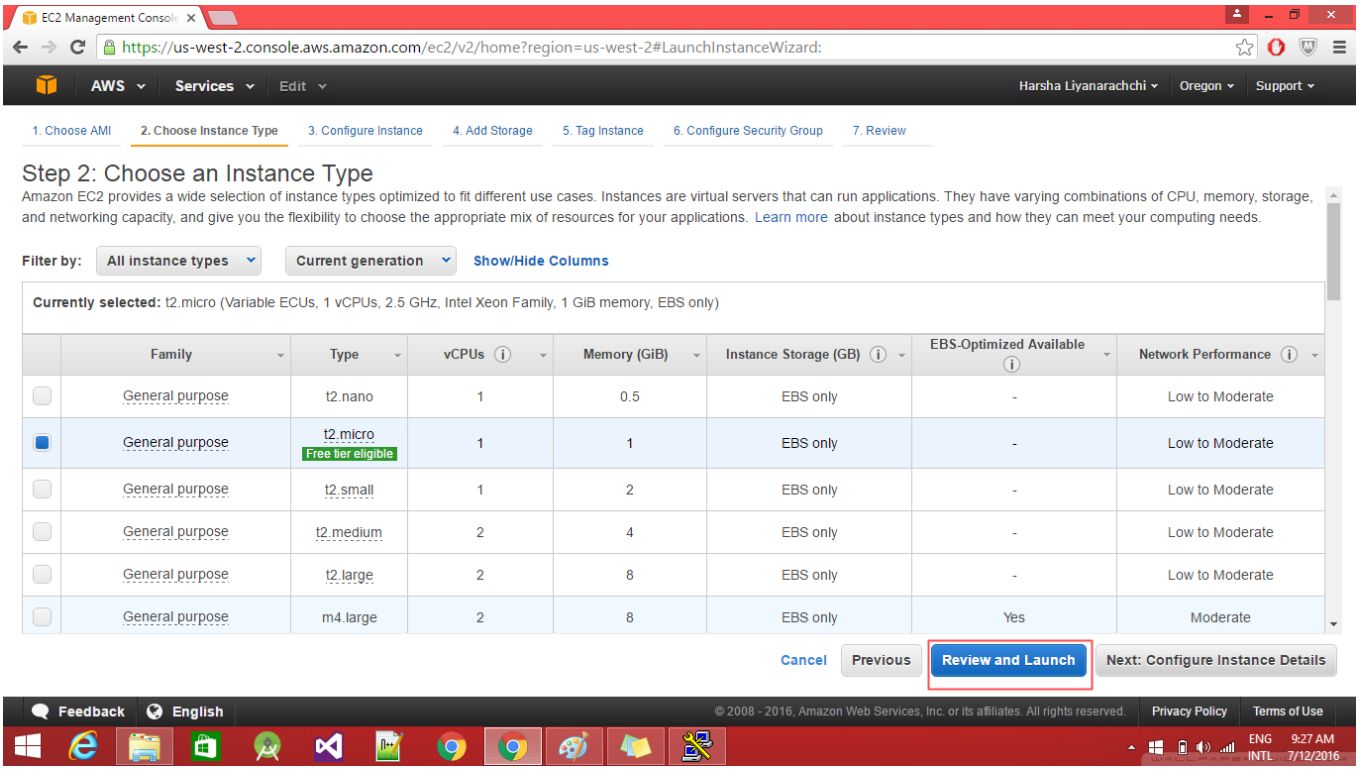


Step 03 – Choose an Amazon Linux AMI Machine image from list and click SELECT button.

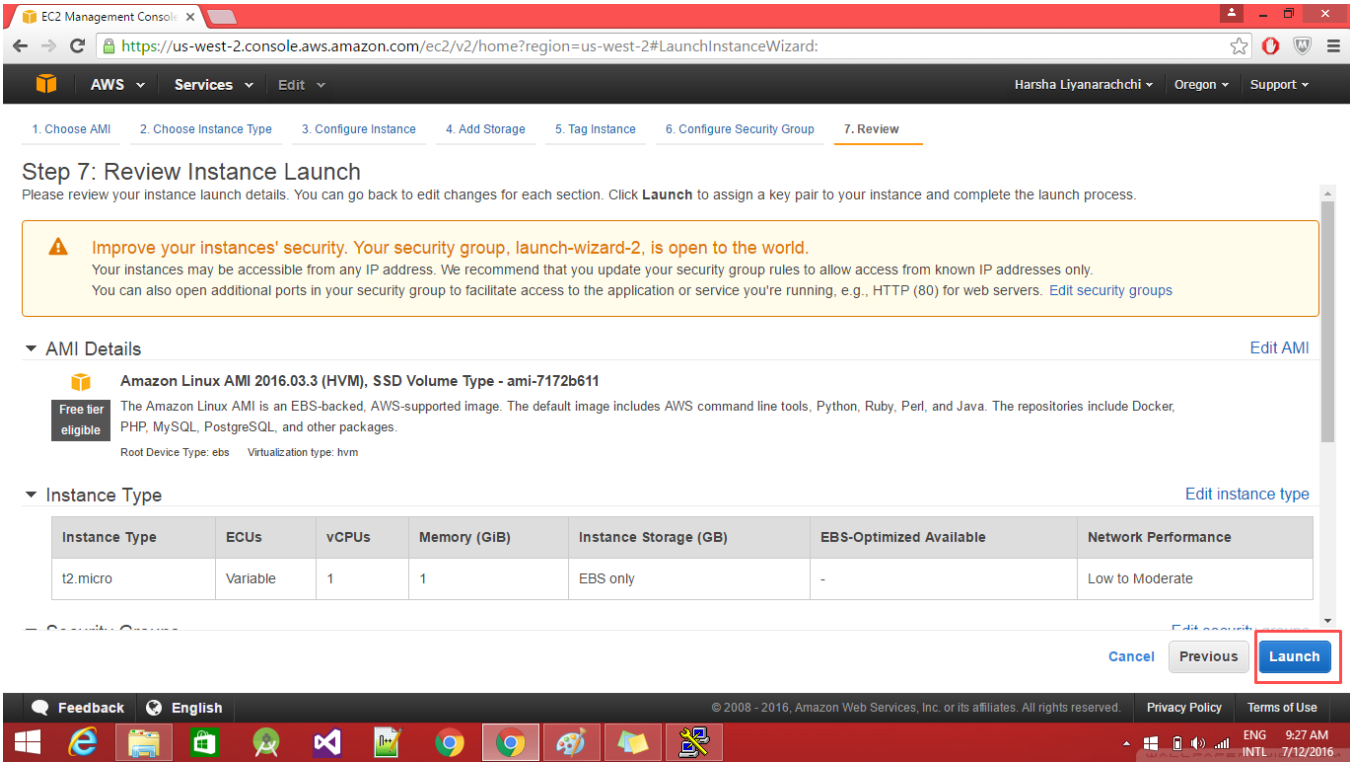
Machine Image - **Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type** - ami-7172b611



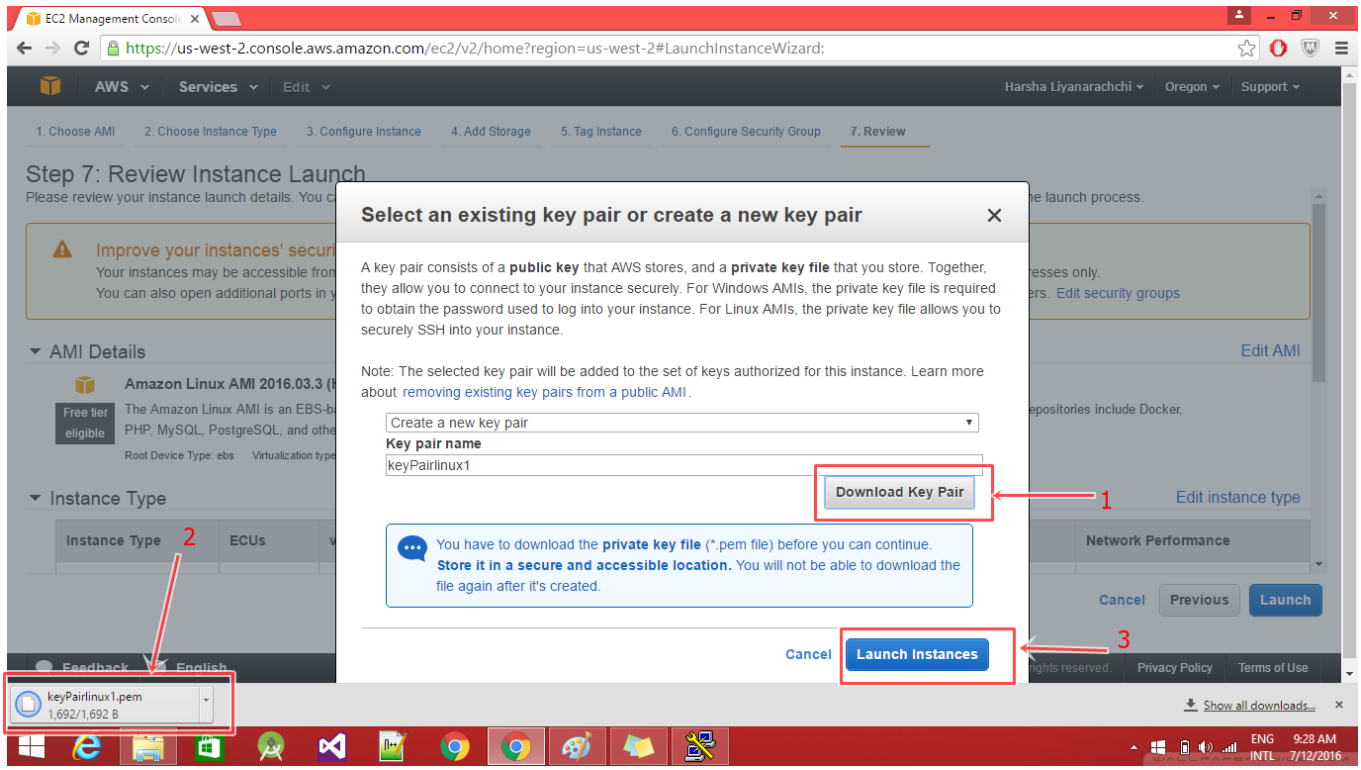
Step 04 – Choose Instance type and click launch and review button.



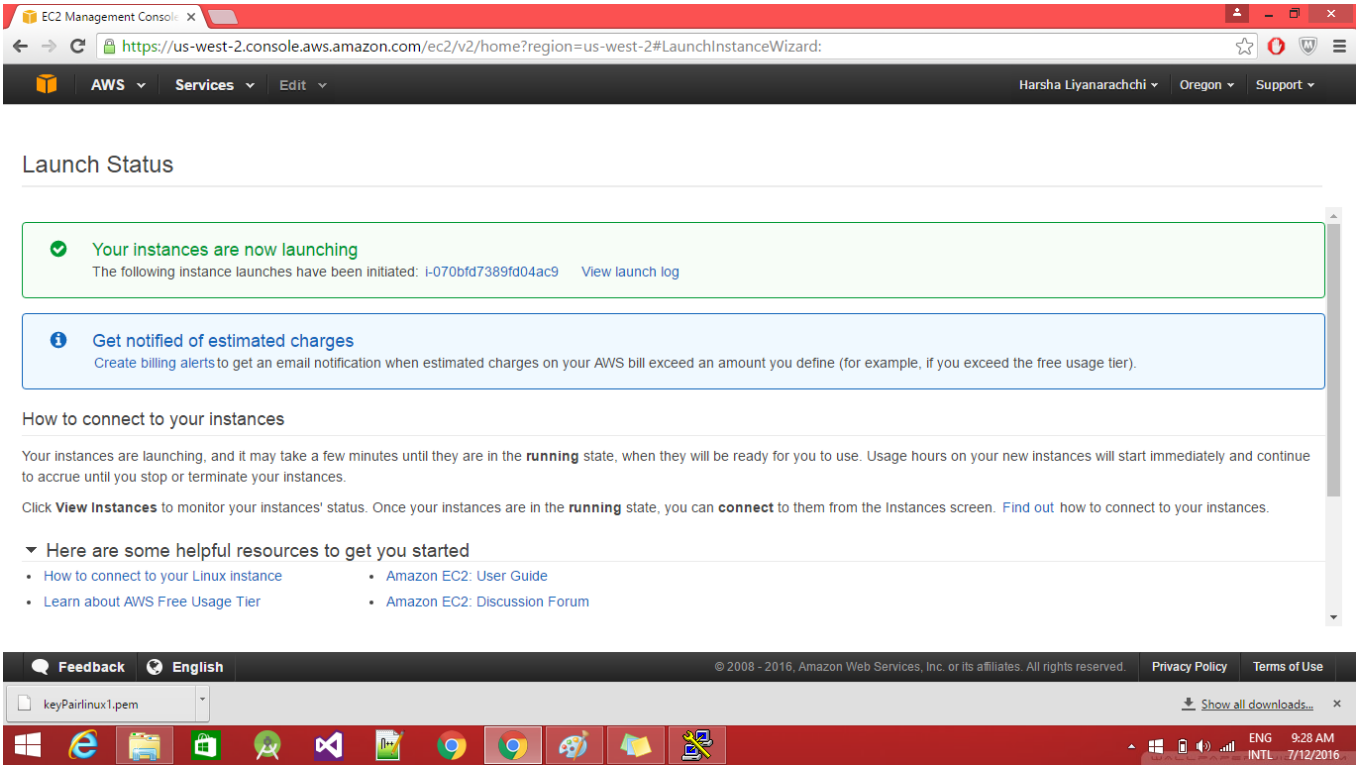
Step 05 – Click launch button in review Instance launch section.



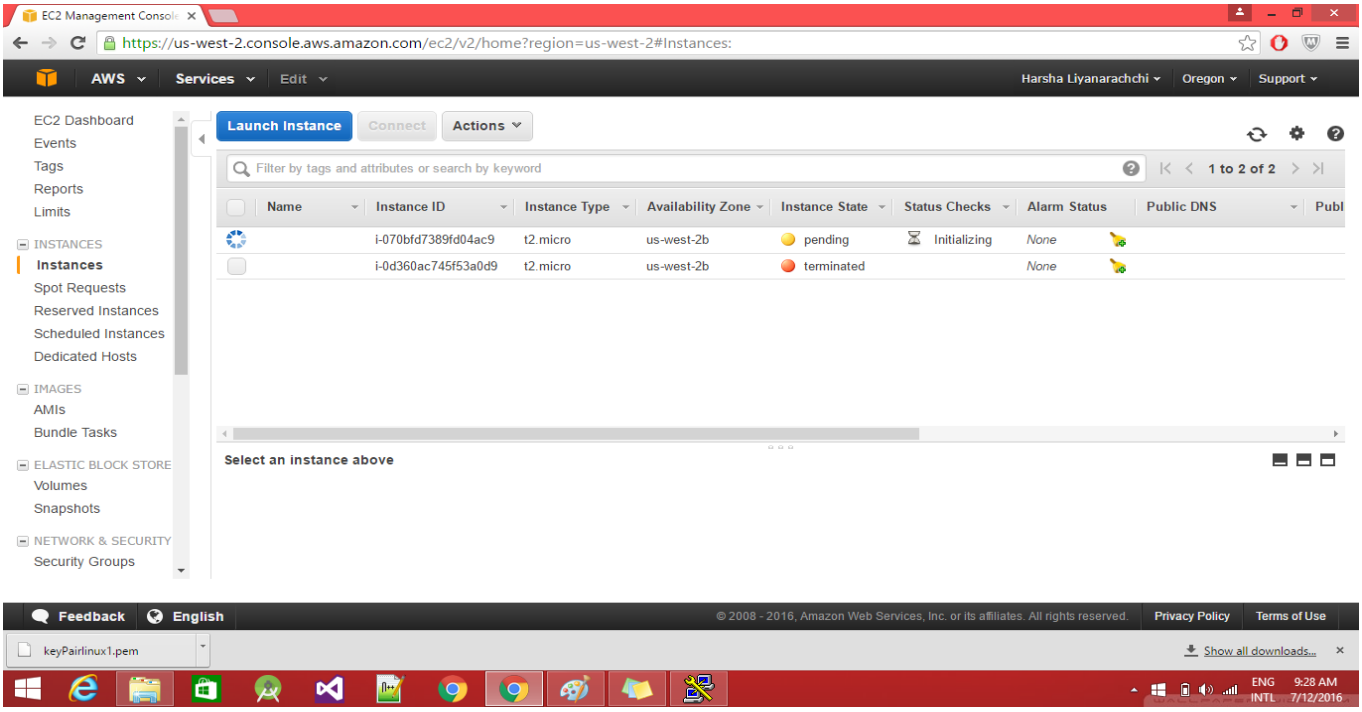
Step 06 – Once after click Launch Button Pop up Dialog will popup message where user have to create key pair and it will downloaded the key pair file once after click download key pair.



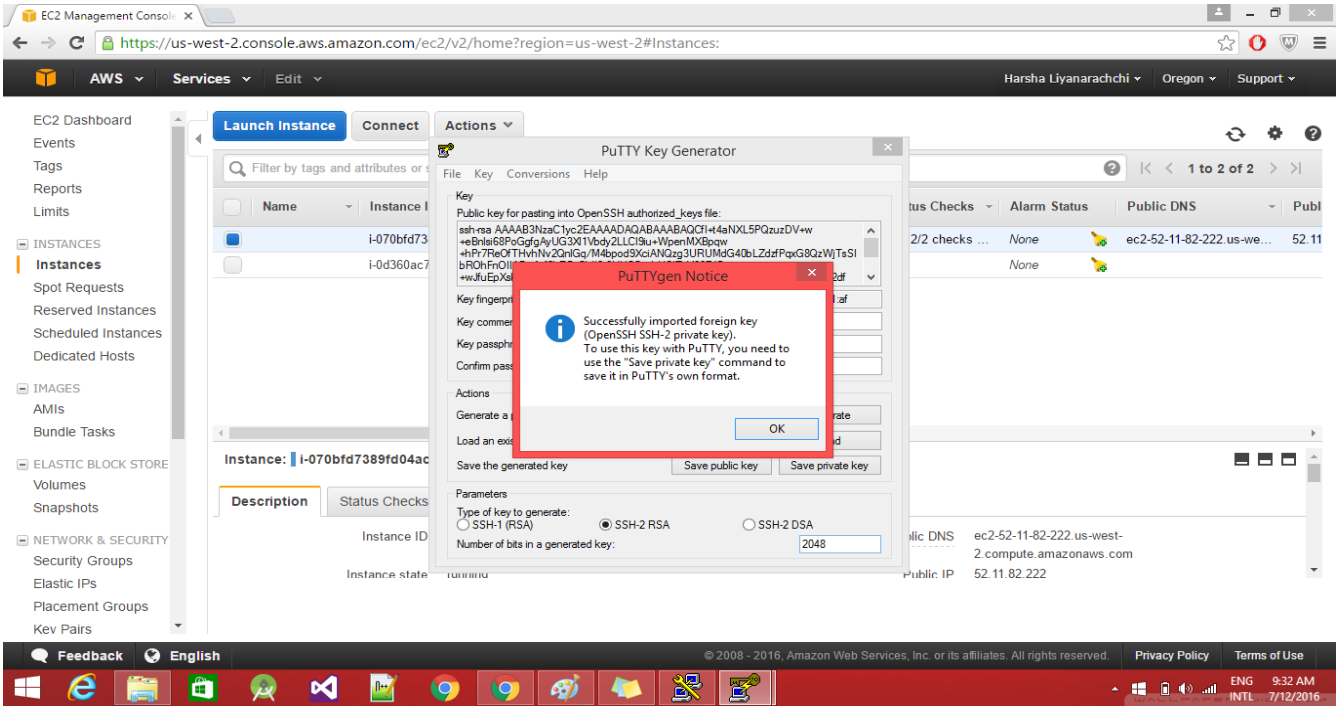
Step 07 – Click the View Instance button in the Launch Status page.

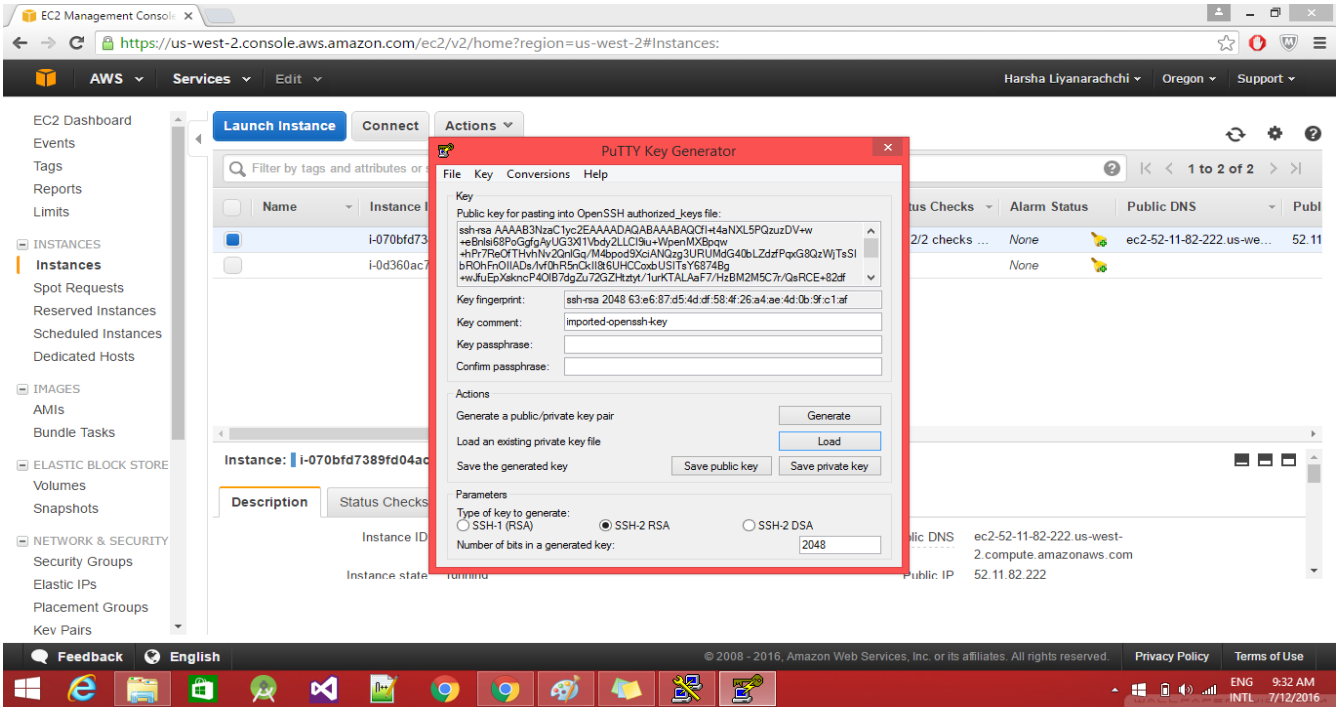


Step 08 – click the instance from navigation panel and created instance can see there. At the beginning created instance status will be pending status and after 2 3 minutes later it will turn to running state.



Step 09 – Open PuTTY Key Generator. Then browse and load the downloaded key pair file and save it as a private key.

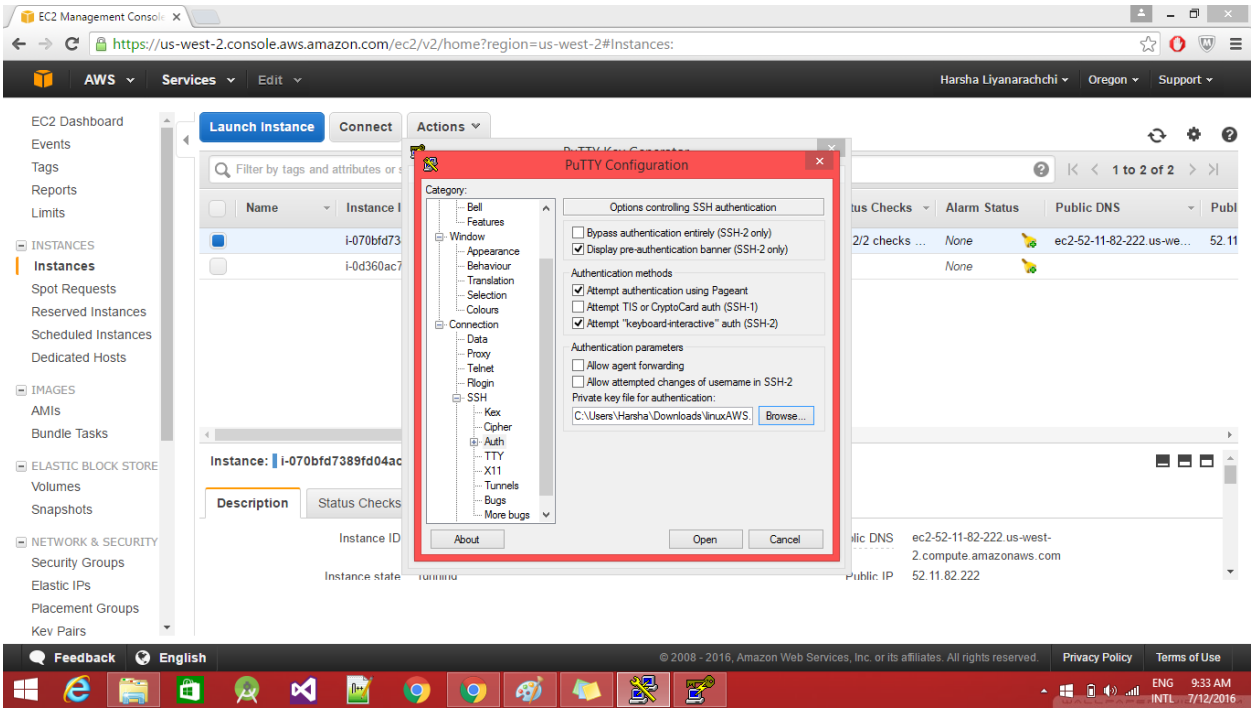




Step 10 - Open PuTTY Configuration.

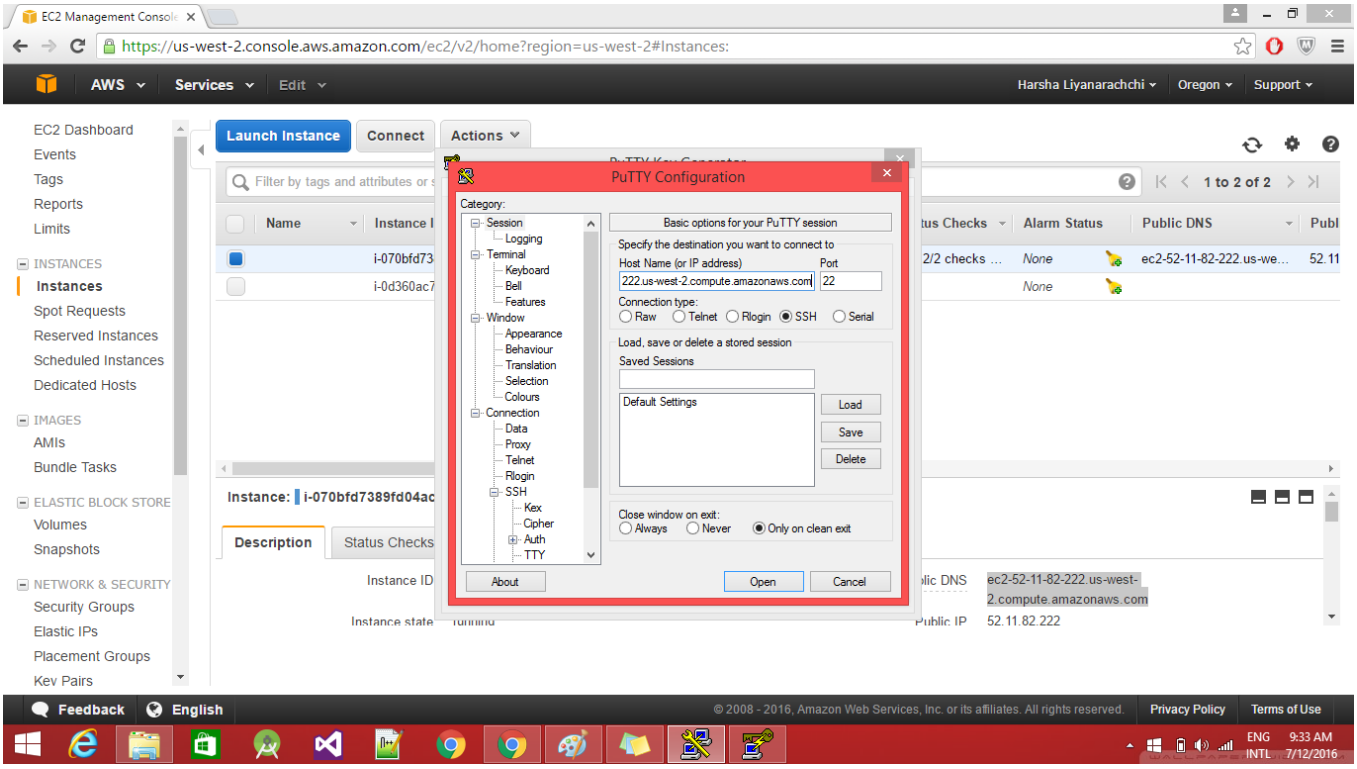
Go to Connection category for SSH authentication. (Connection -> SSH -> Auth)

Then under authentication parameters browse saved private key and open.

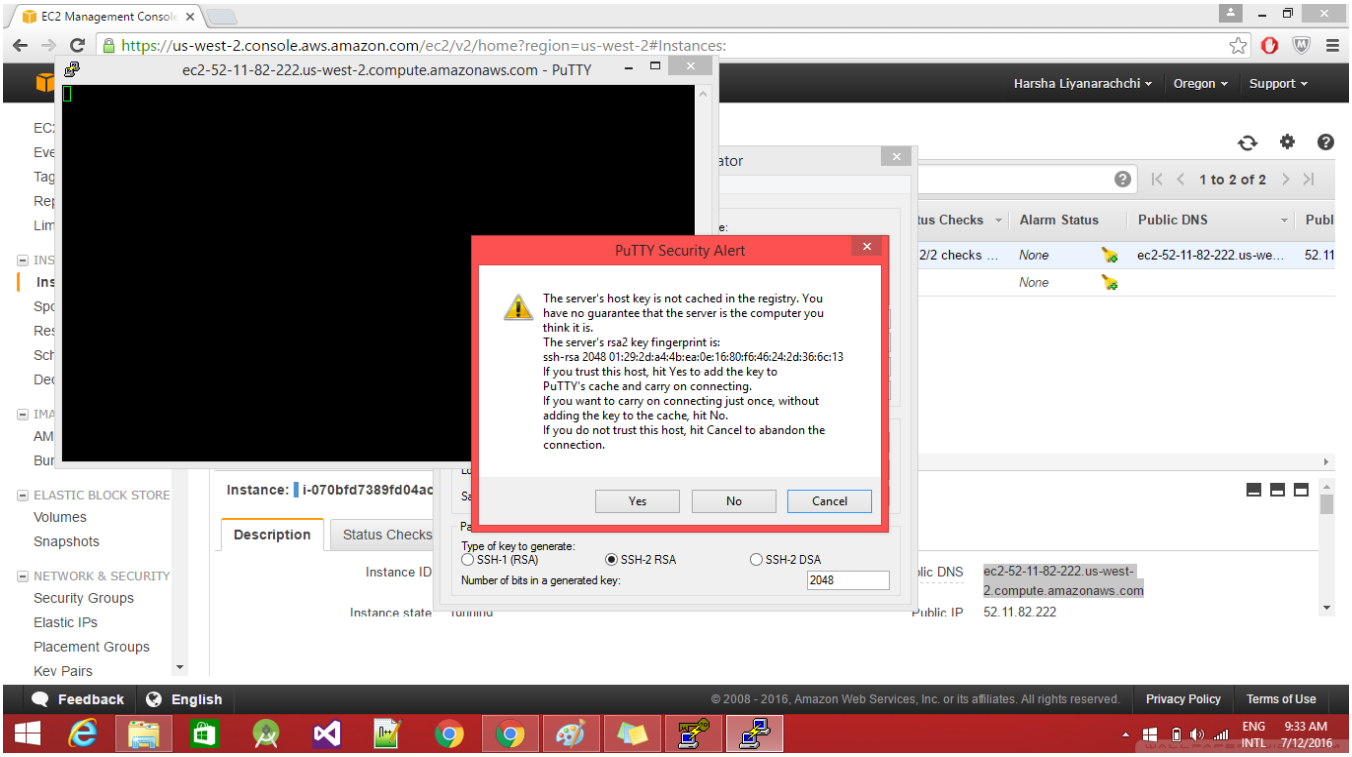


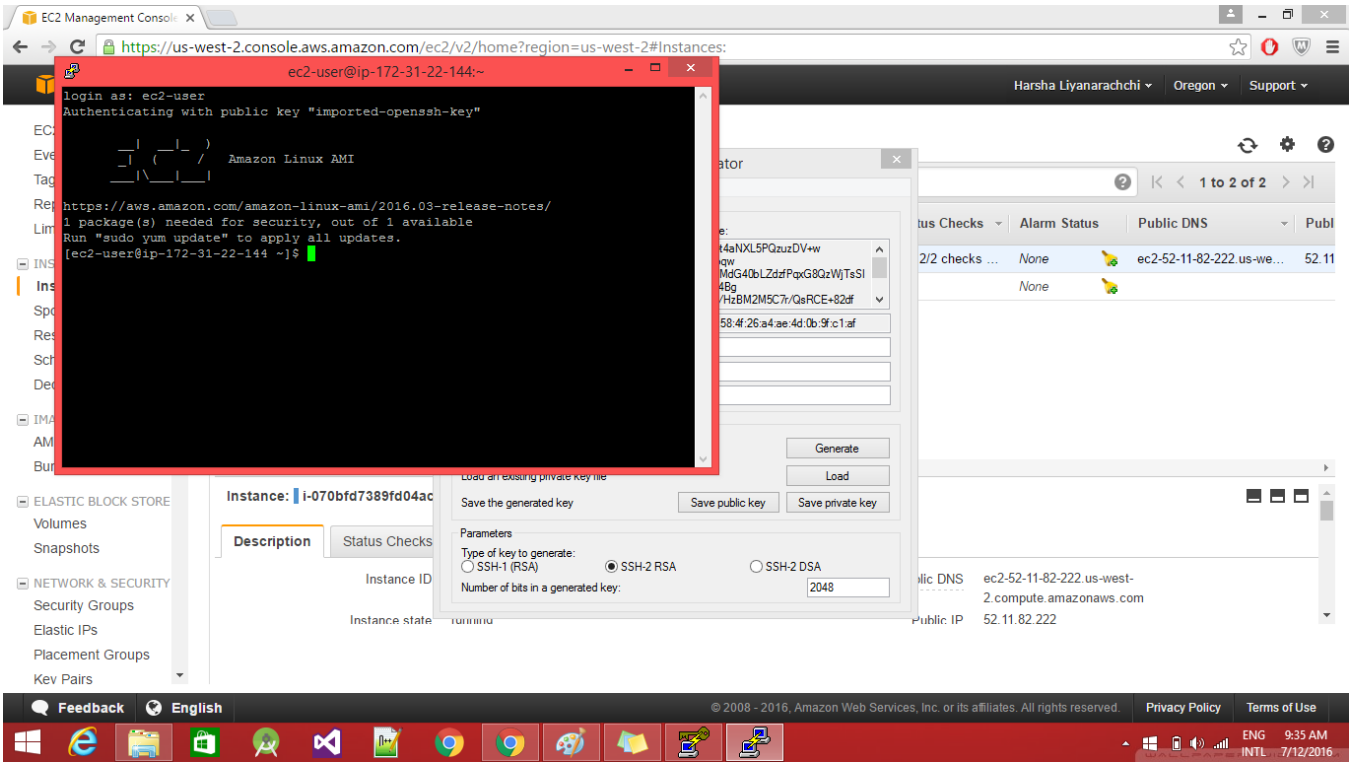
Step 11 - Go back to Session category in PuTTY Configuration. Copy the Public DNS of created instance and paste it under Host Name.

Set Connection type to SSH and open.

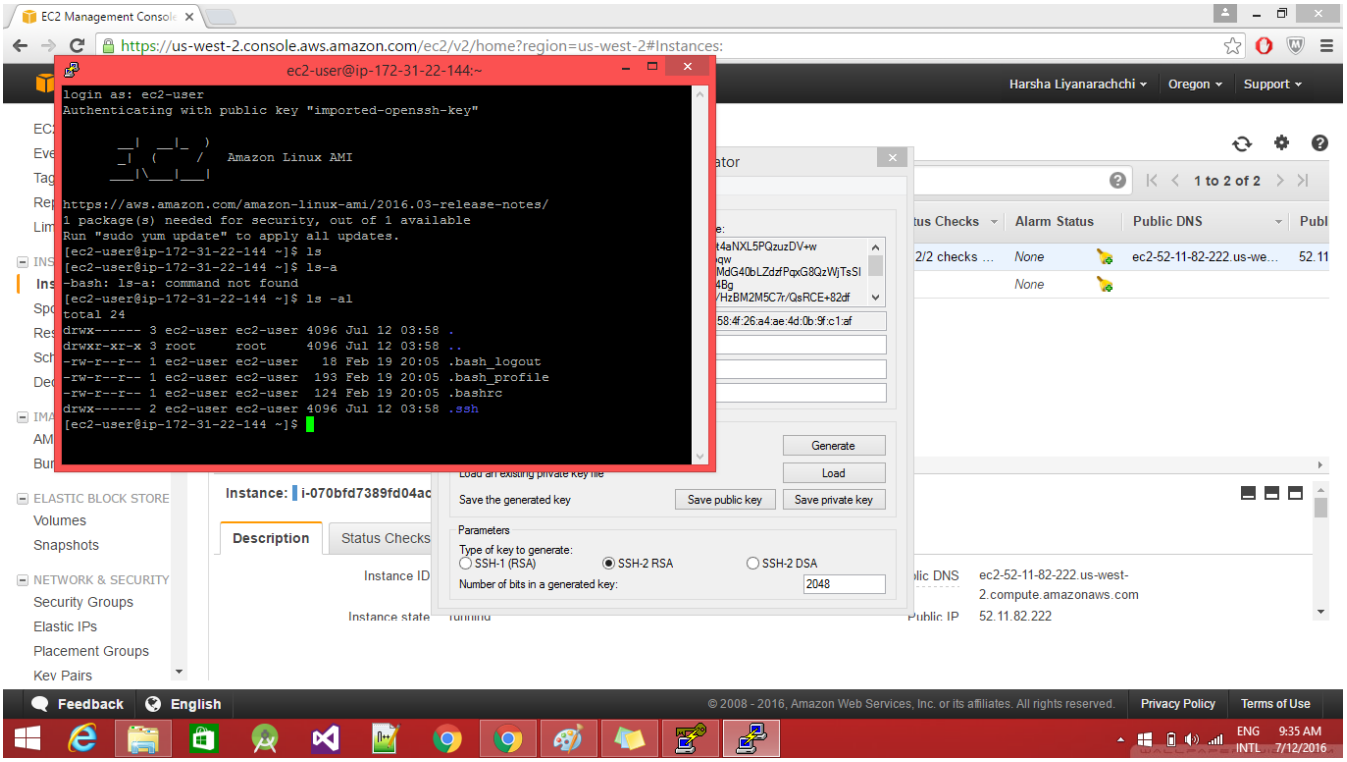


Step 12 - Log into Linux by giving username in the kernel. (ec2-user).





Step 13 – Try out some Linux commands and check.



Step 14 - Terminate or stop the instance from instance state.

(Right click on instance -> Instance State -> Terminate/ Stop)