SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2014

Name: D.C Kahandagamage

SLIIT ID: IT12103782

Group Number:

Practical Session: Weekday(Friday)

Practical Number : 02

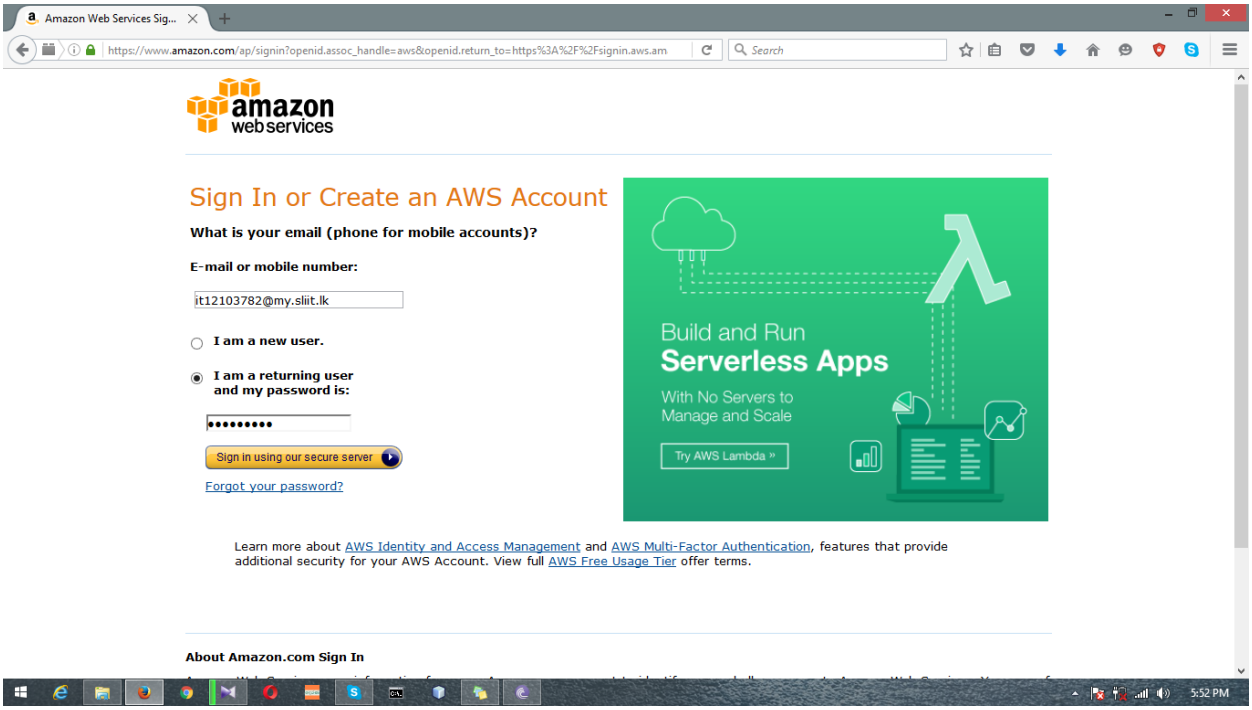
Date of Submission: 2016/07/30

Date of Evaluation : _____

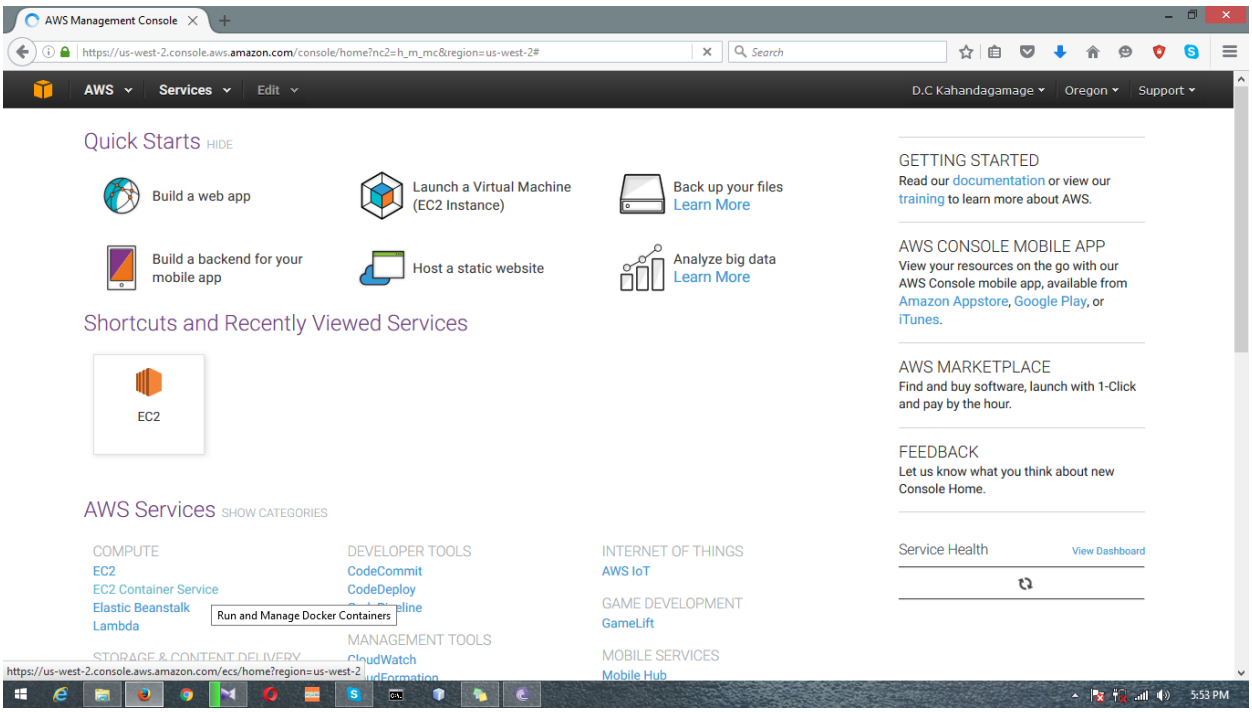
Evaluators Signature : _____

Creating Linux instance:

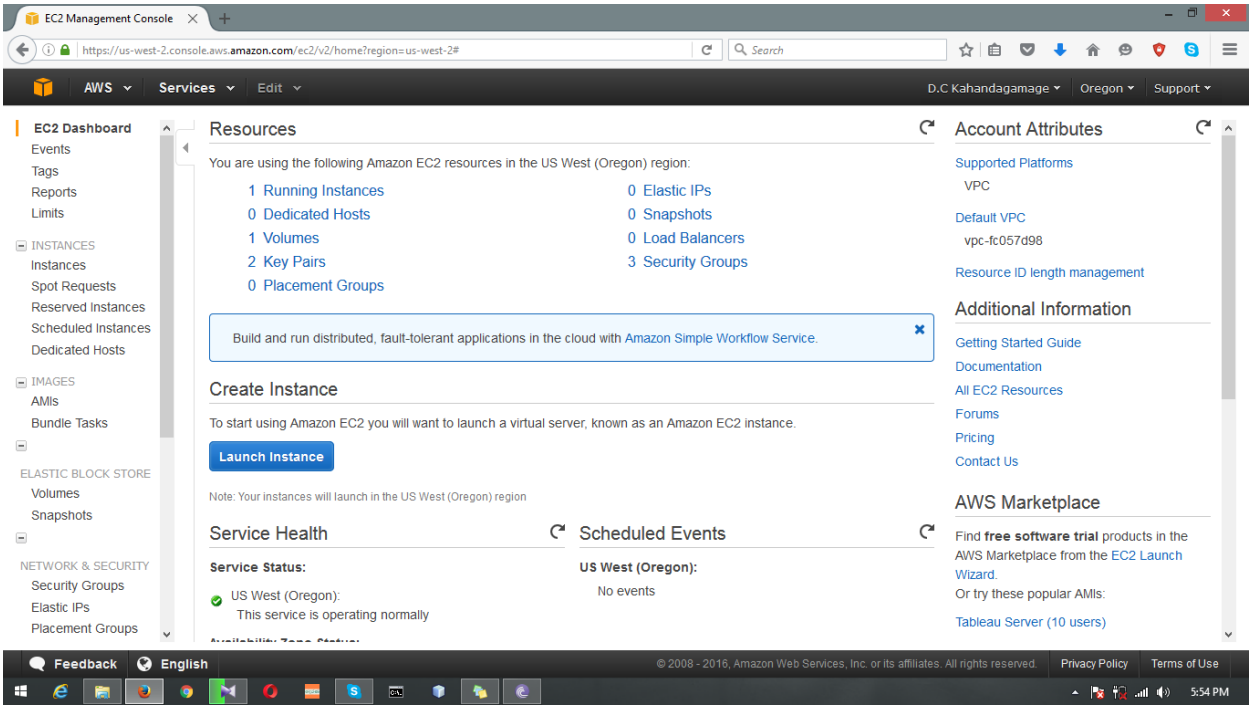
User needs to log in with proper user name and password

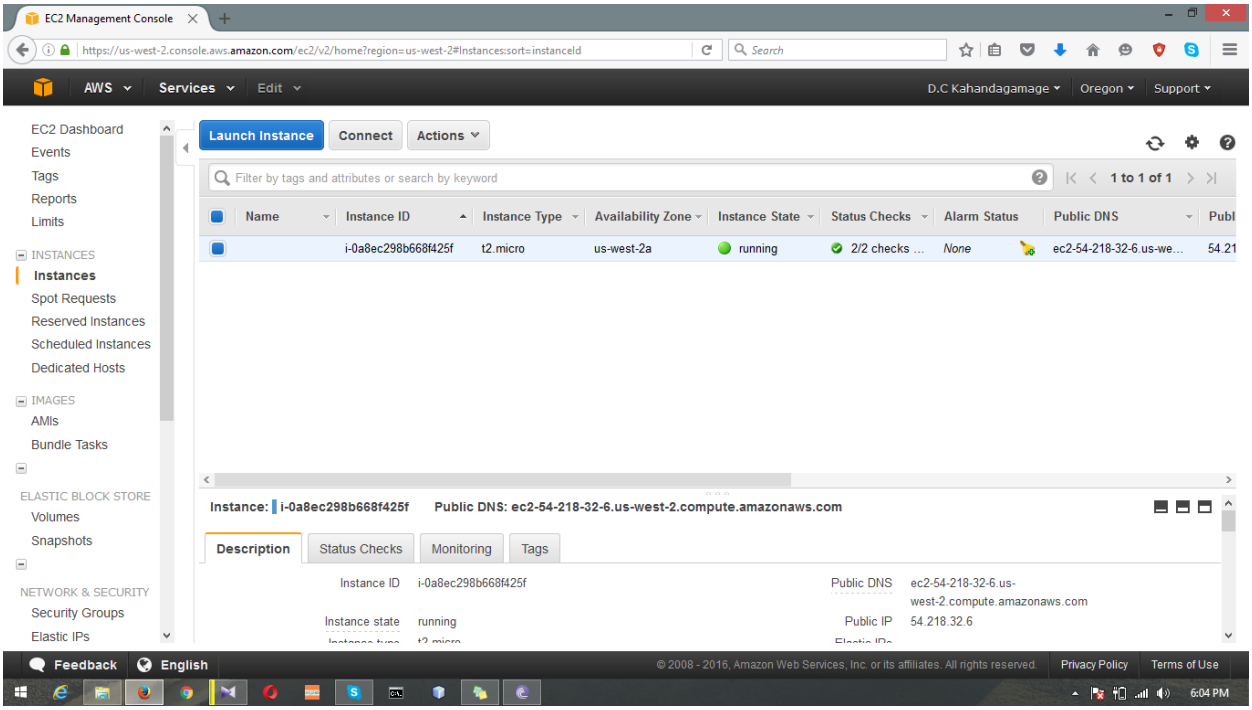


Select EC2

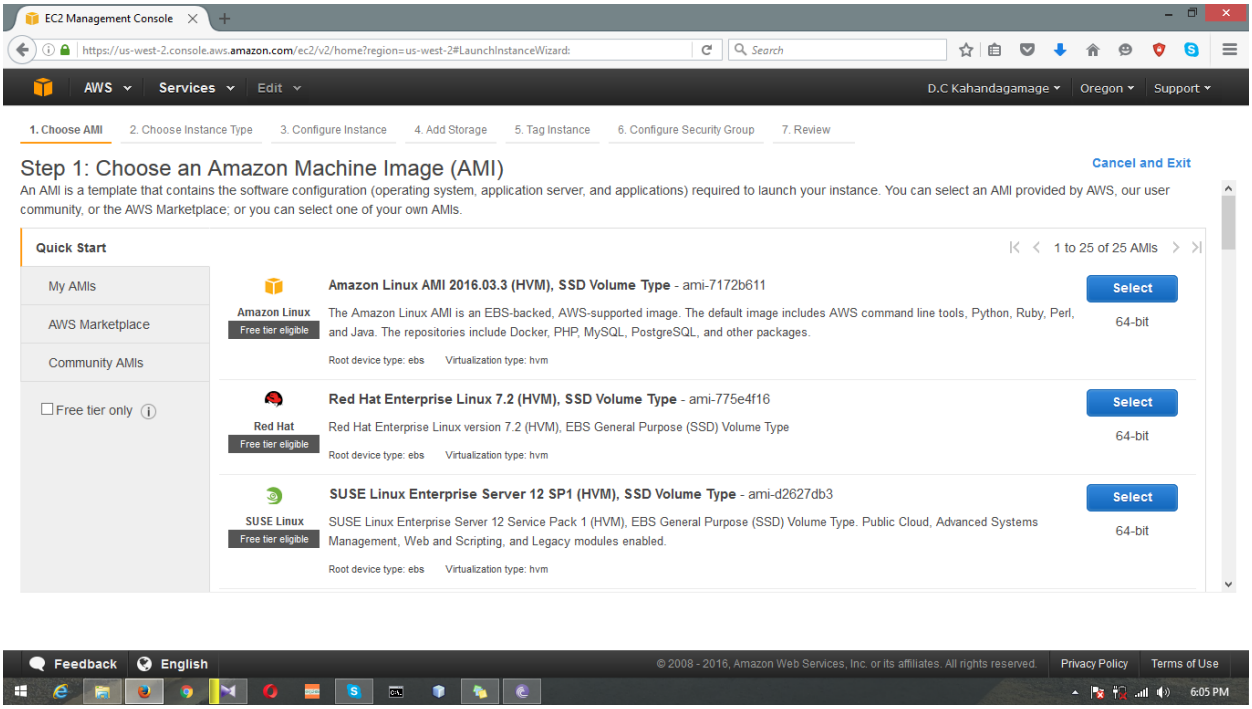


To create new instance

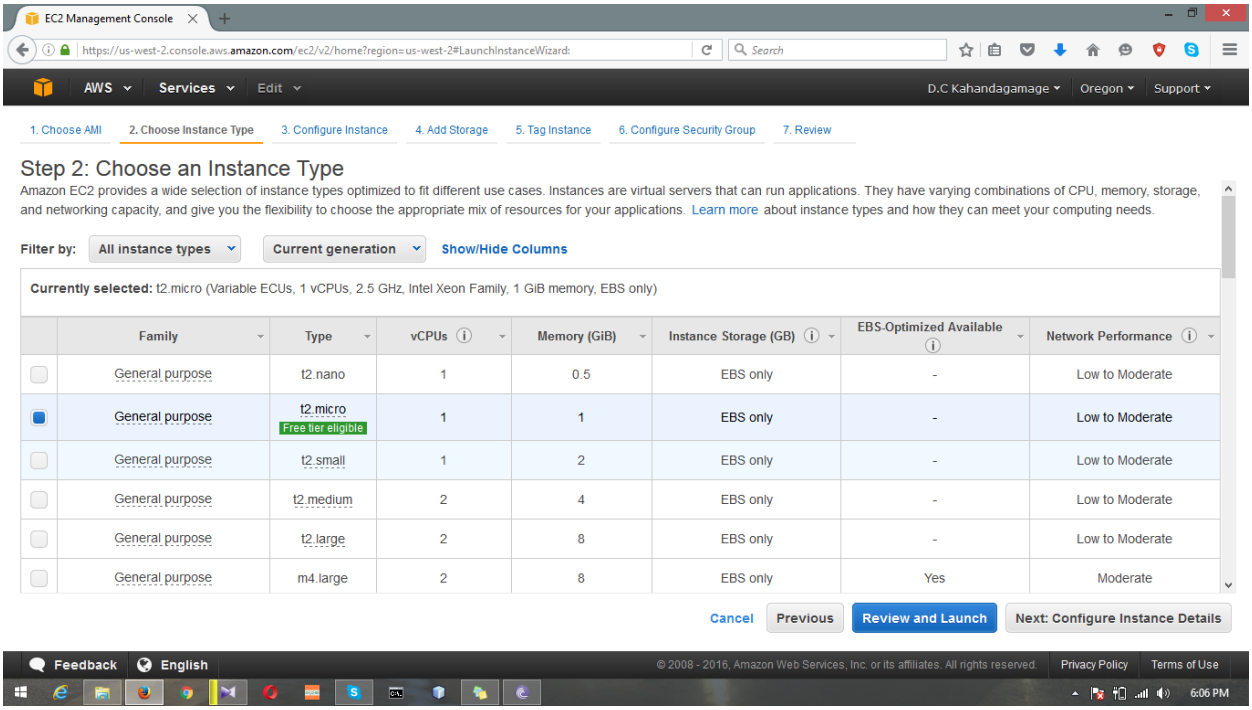




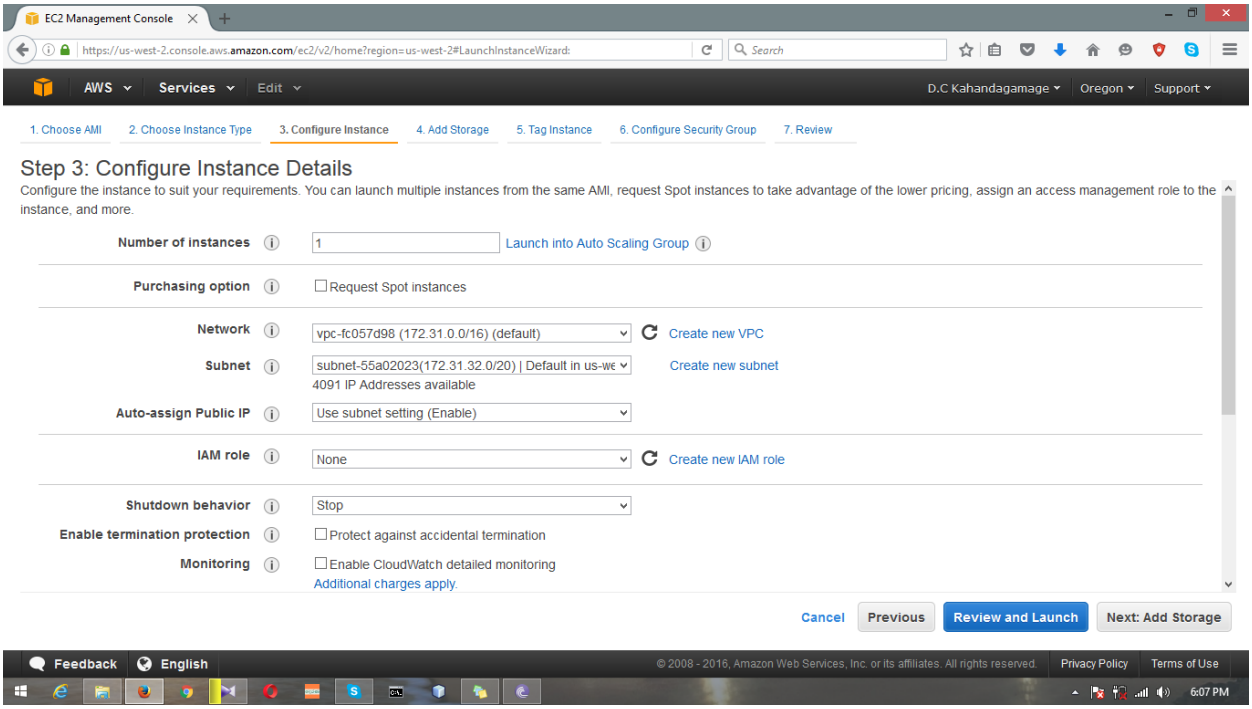
Select the Linux instance (in my case using the Amazon linux)



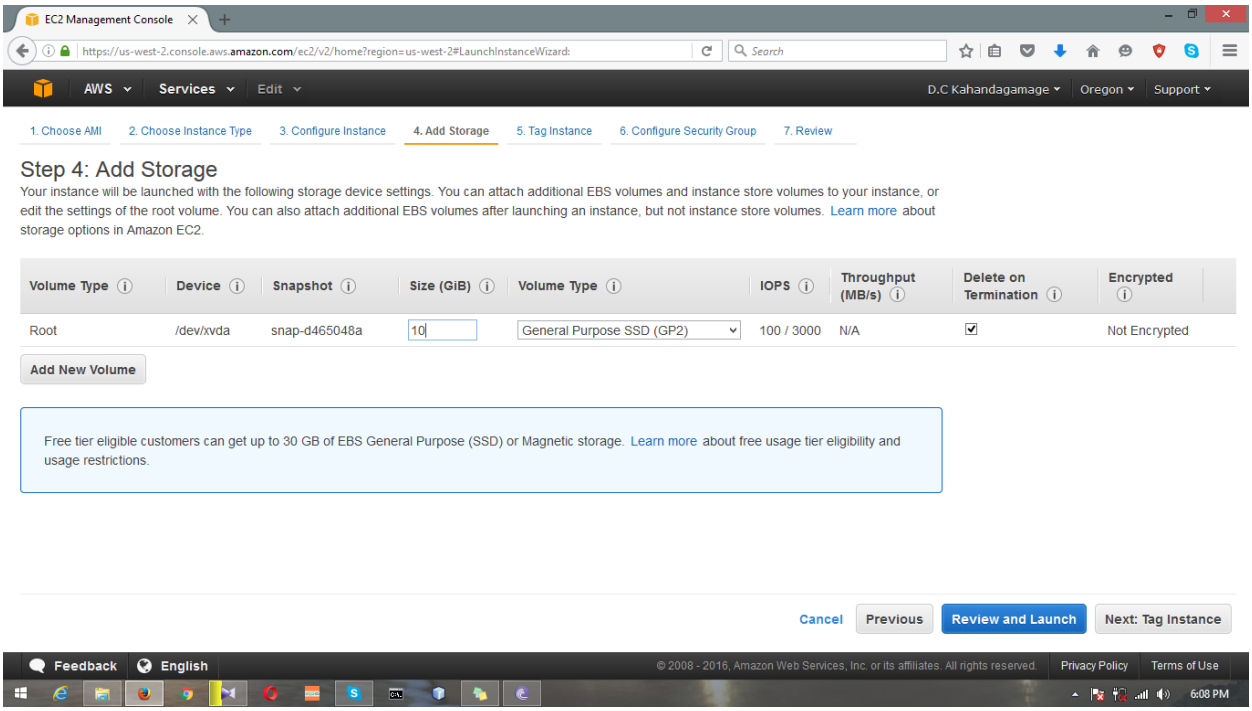
After selecting the Amazon machine image(AMI) user can select the instance type.(in my case I select the free tc2 macro)



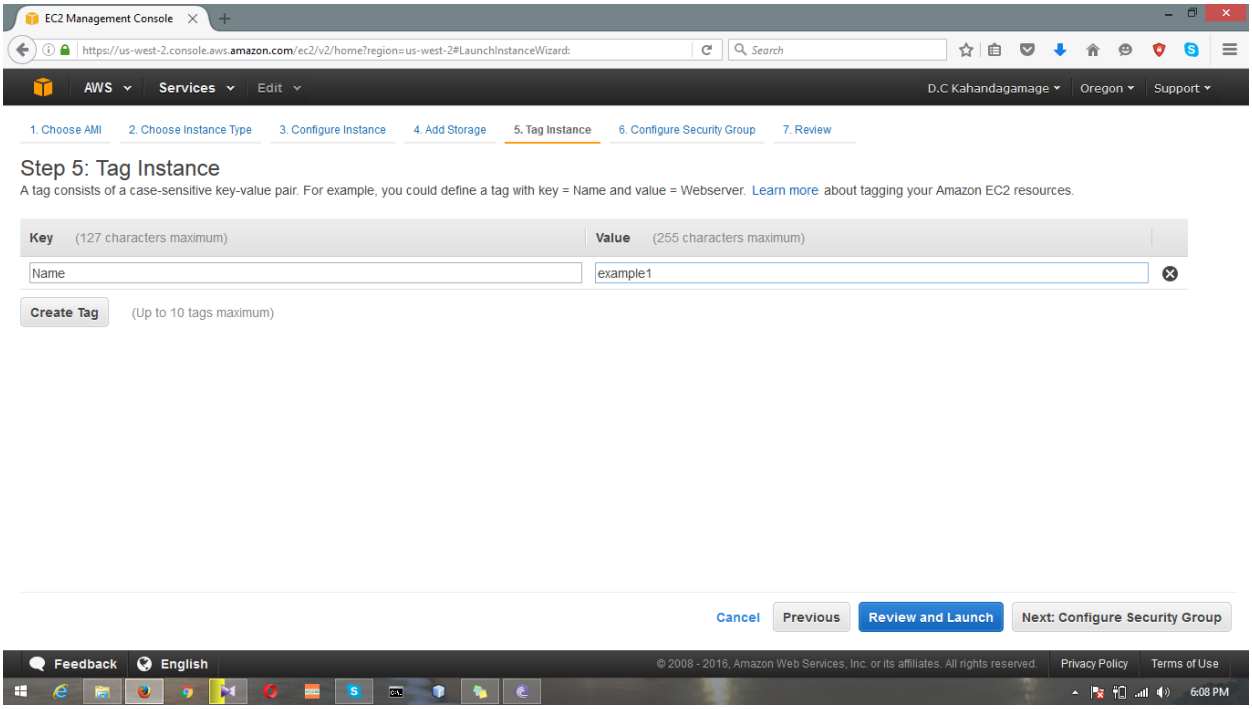
User needs to configure the instance



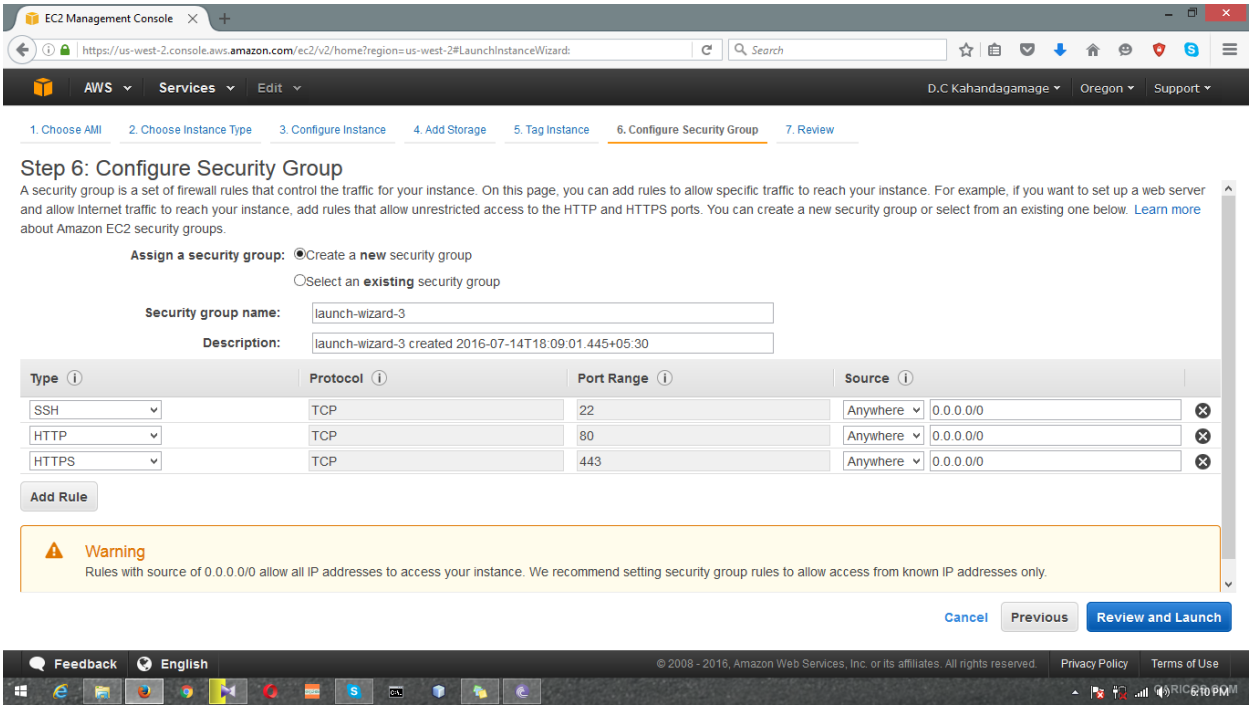
After the configure the instance user needs to allocate the size of the image(in my case configure it as 10GB)



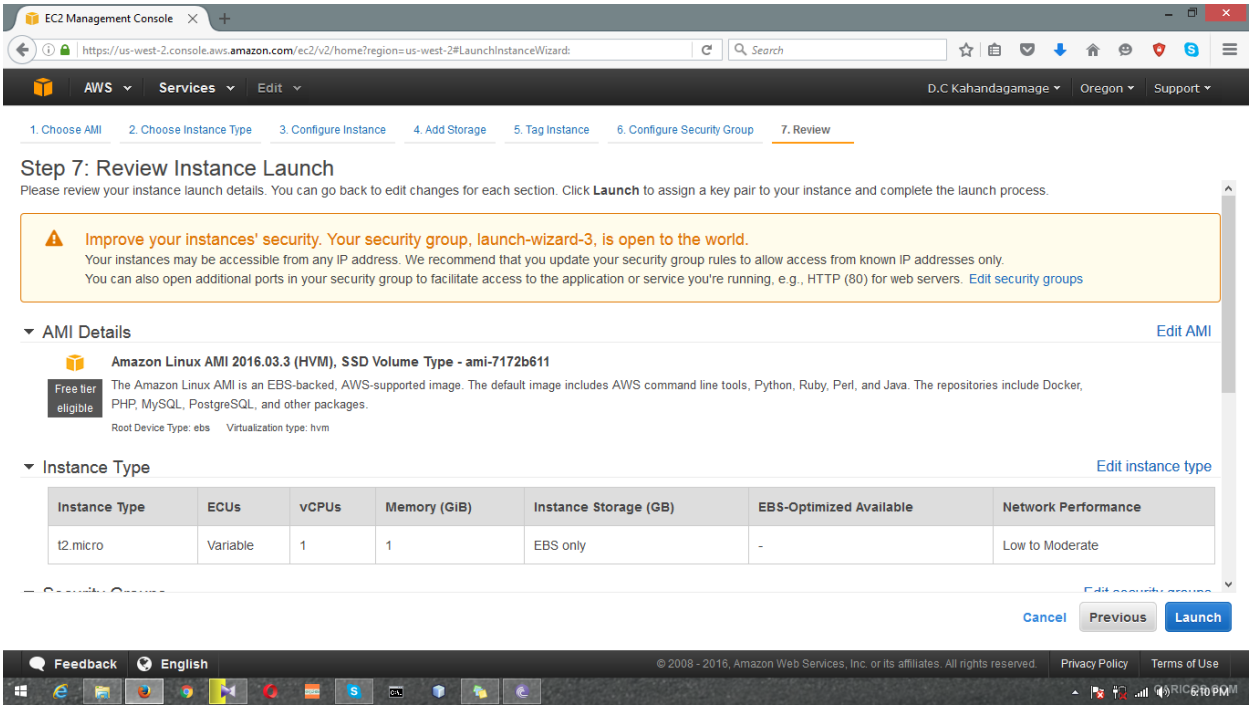
Tag the instance with proper name(Example 1)



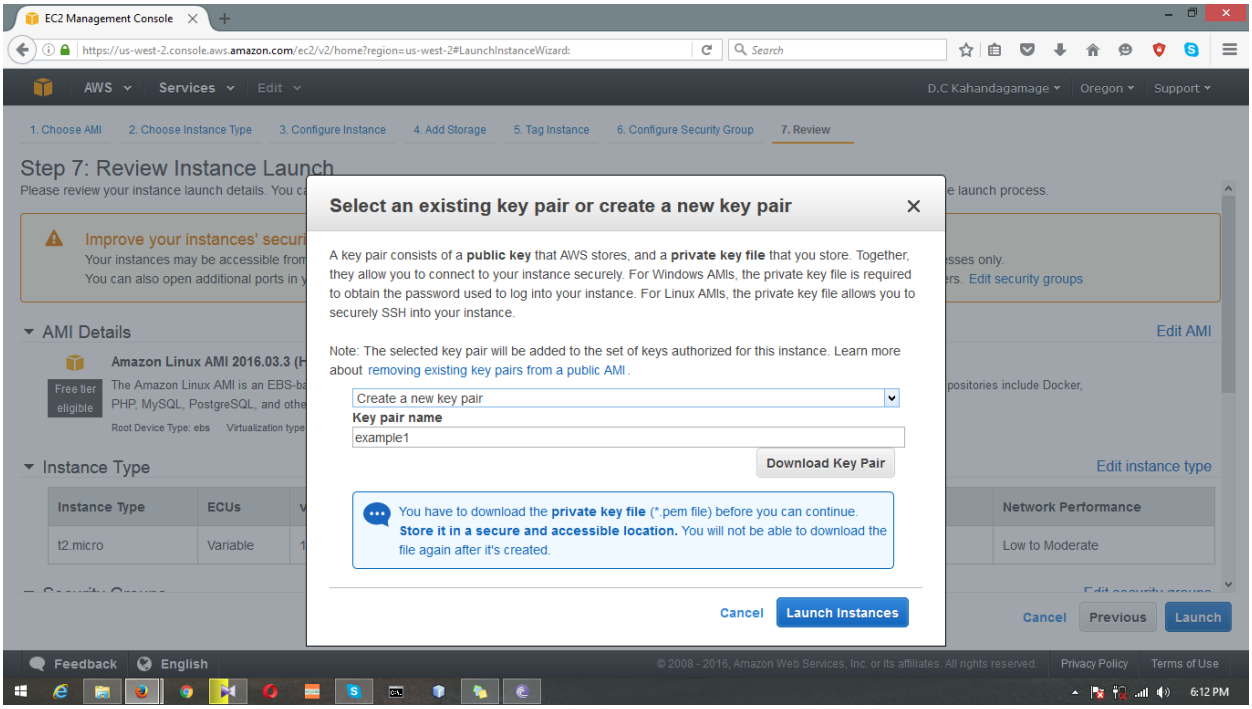
Add security details(SSH ,HTTP, HTTPS)



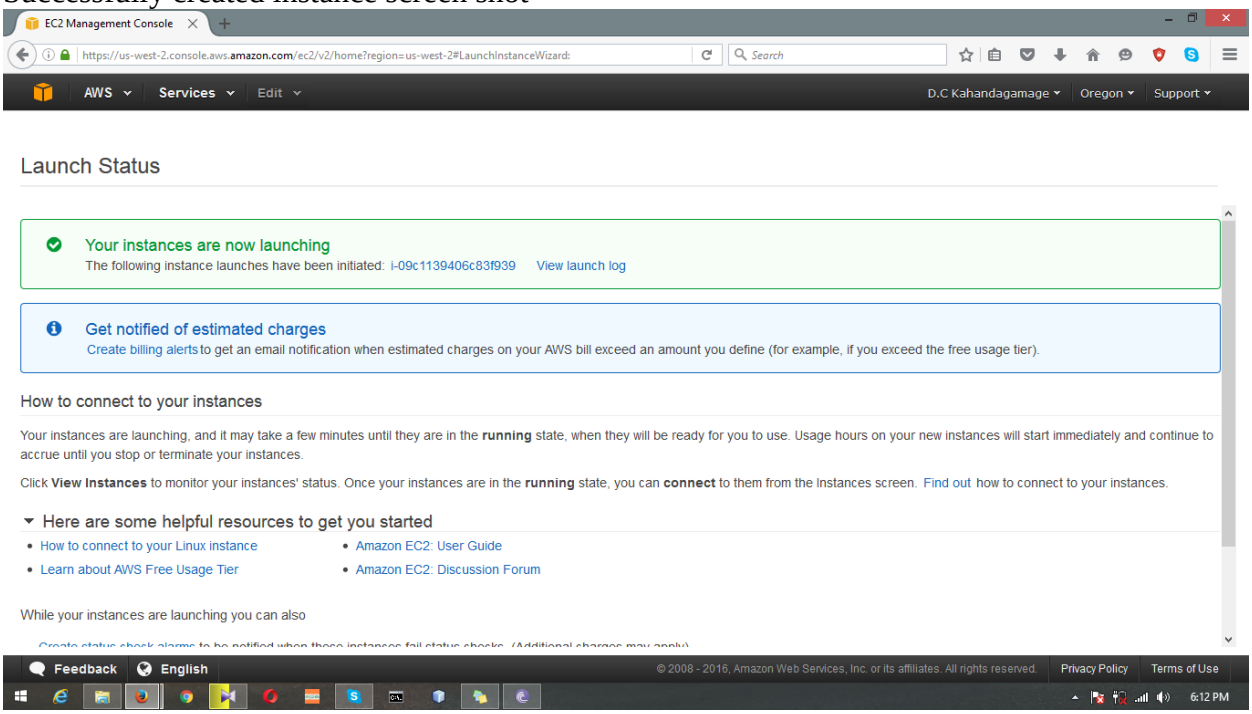
Finally user can view the created instance



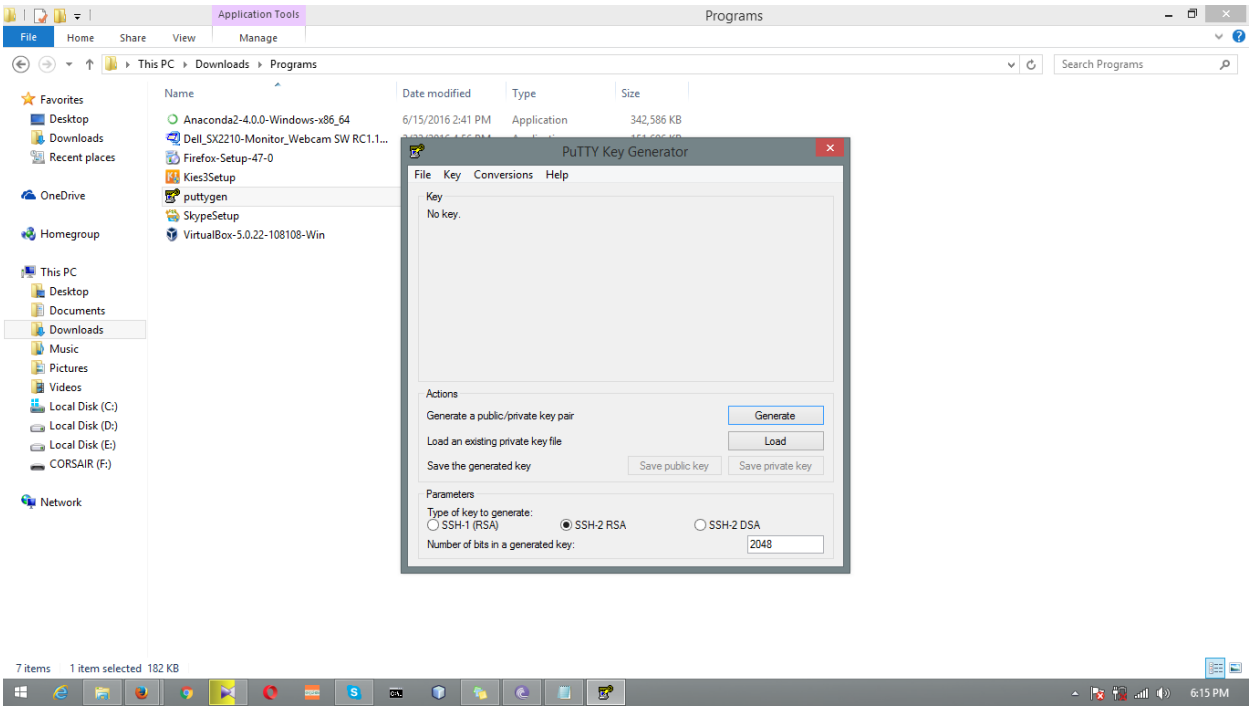
Creating the key pair with proper name



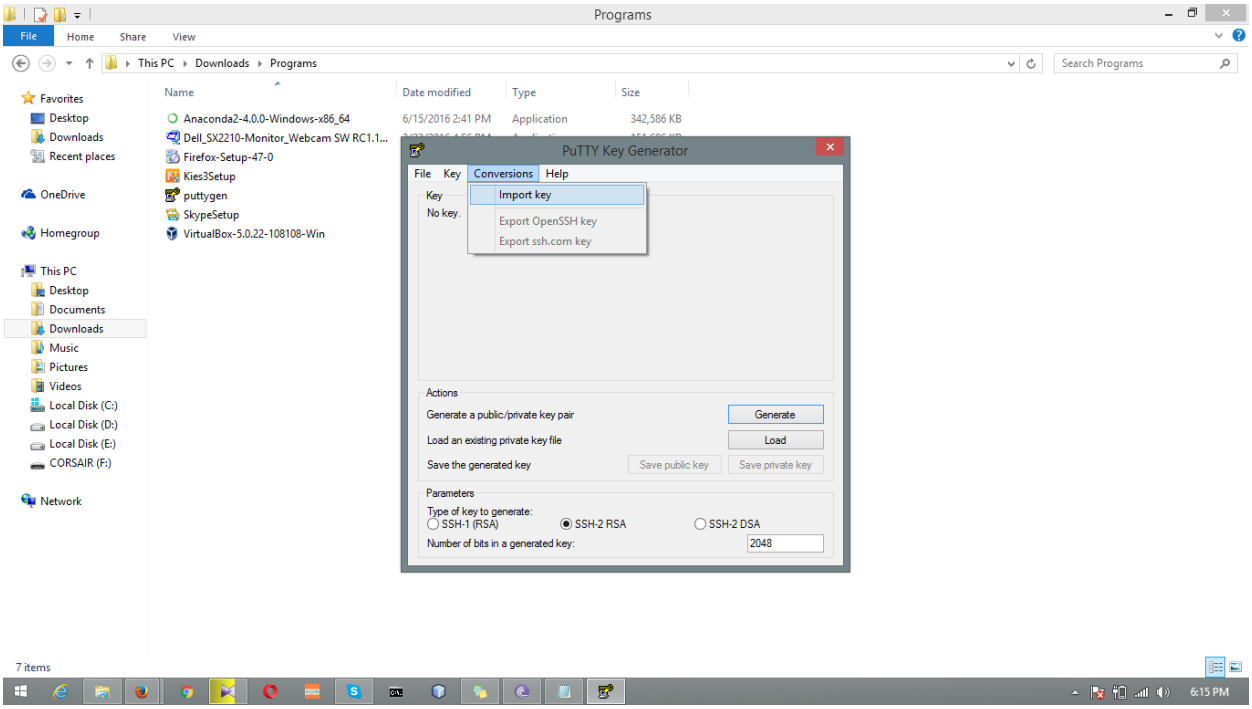
Successfully created instance screen shot

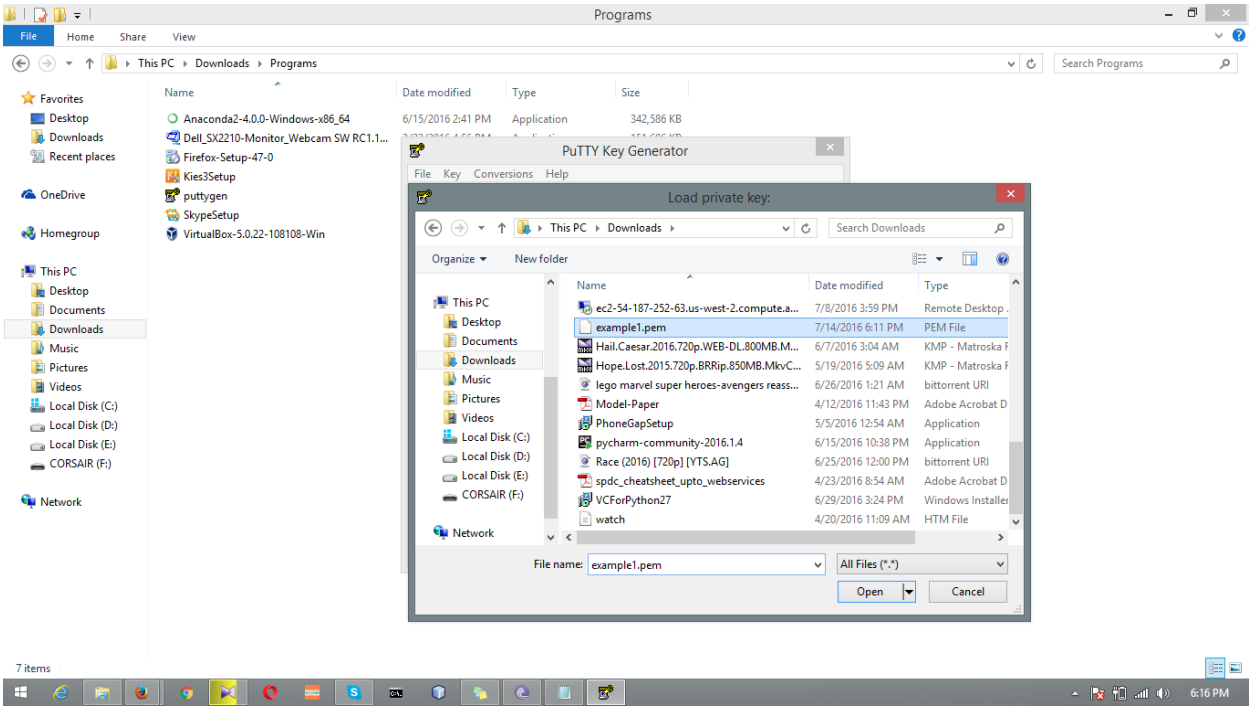


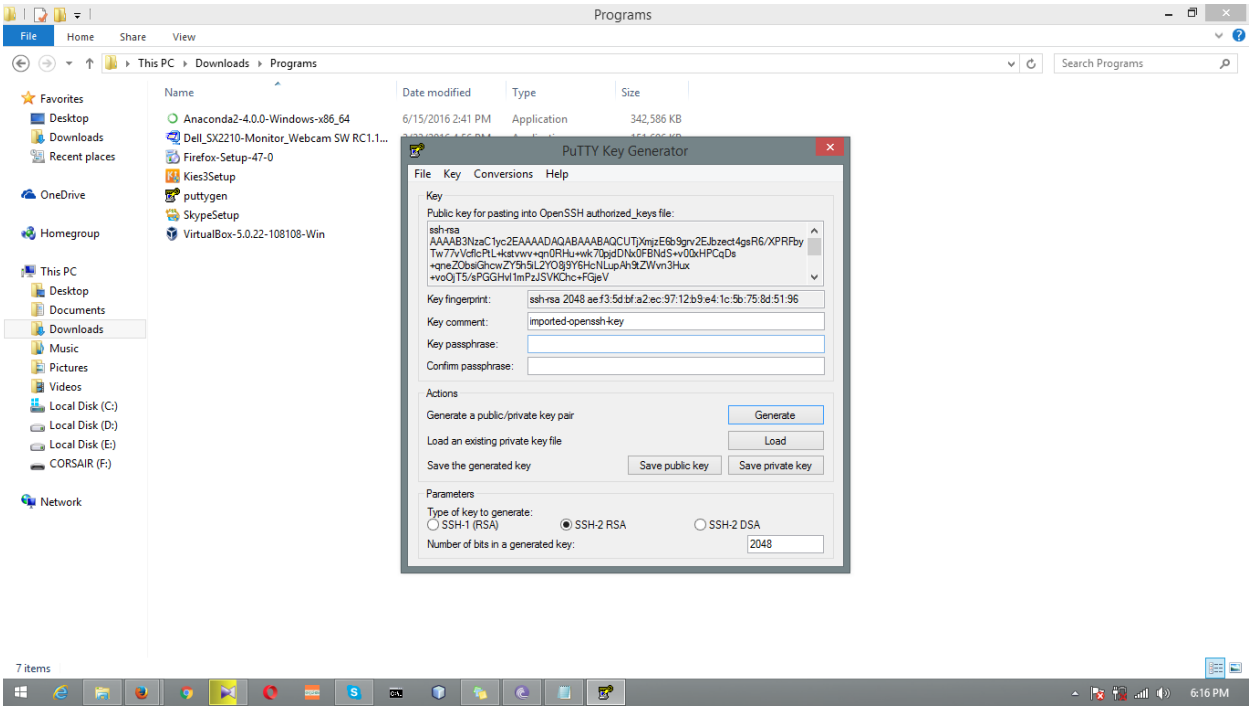
Download the puttygen

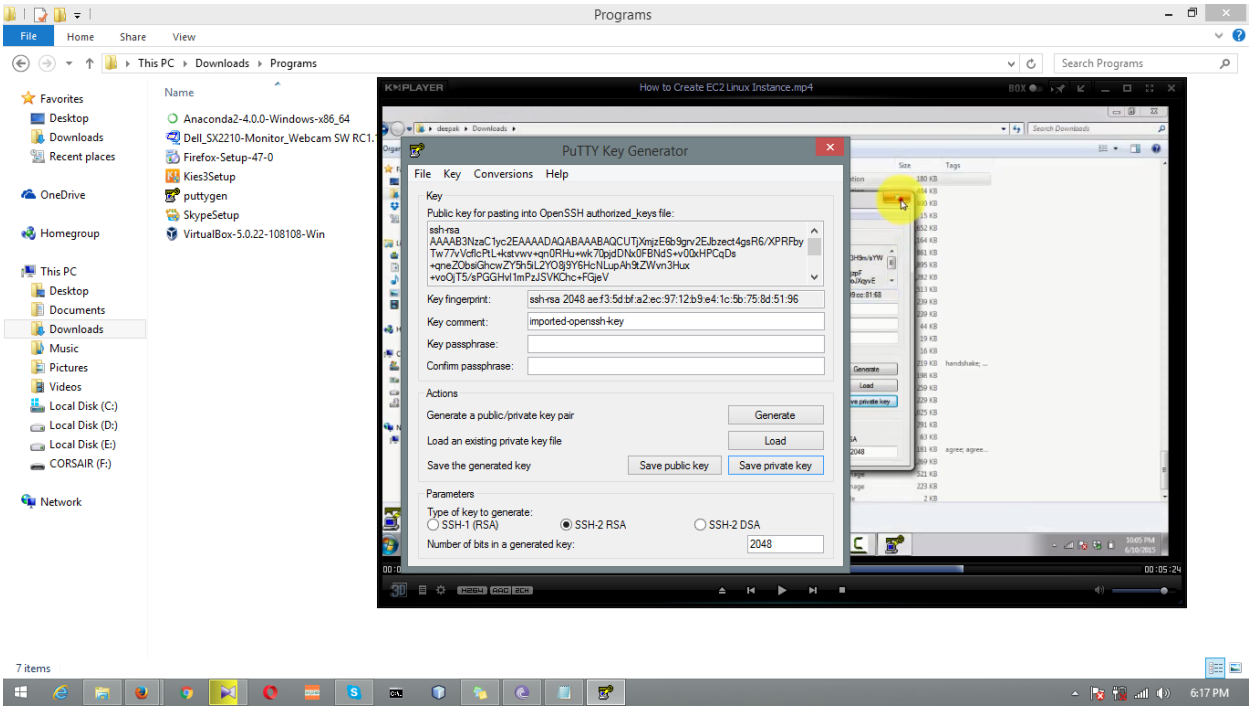


Adding the “.pem” downloaded file to puttygen

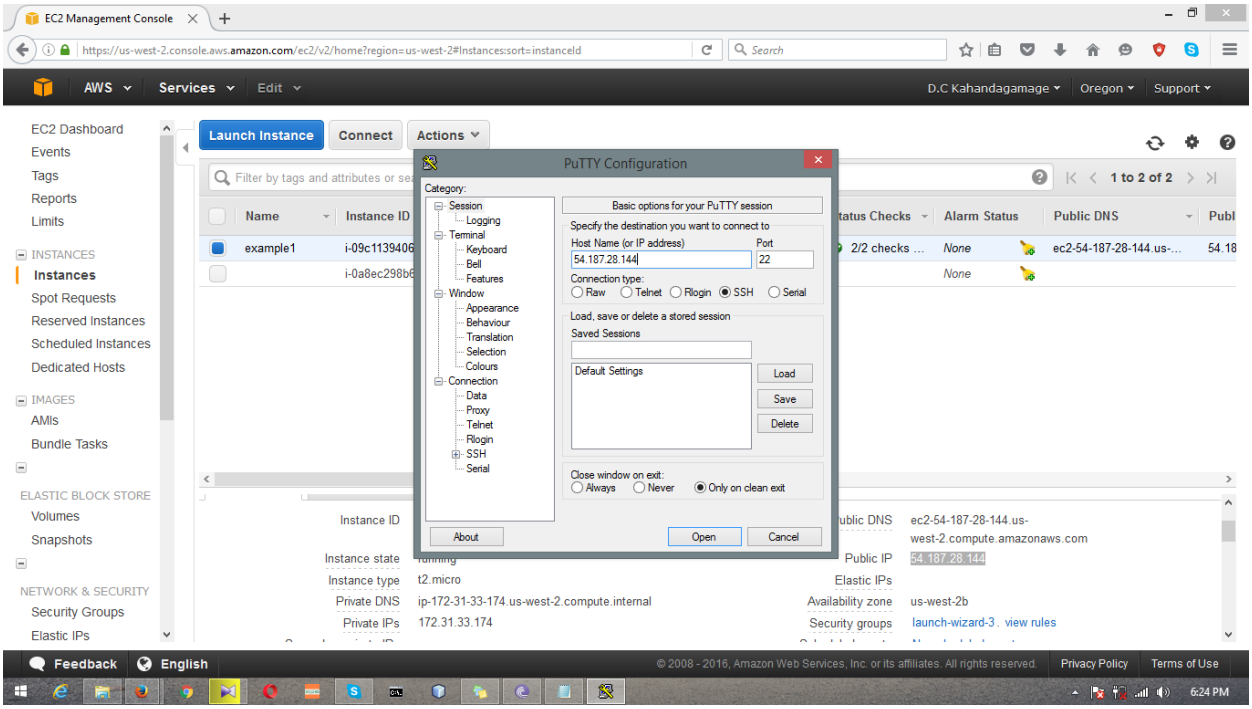




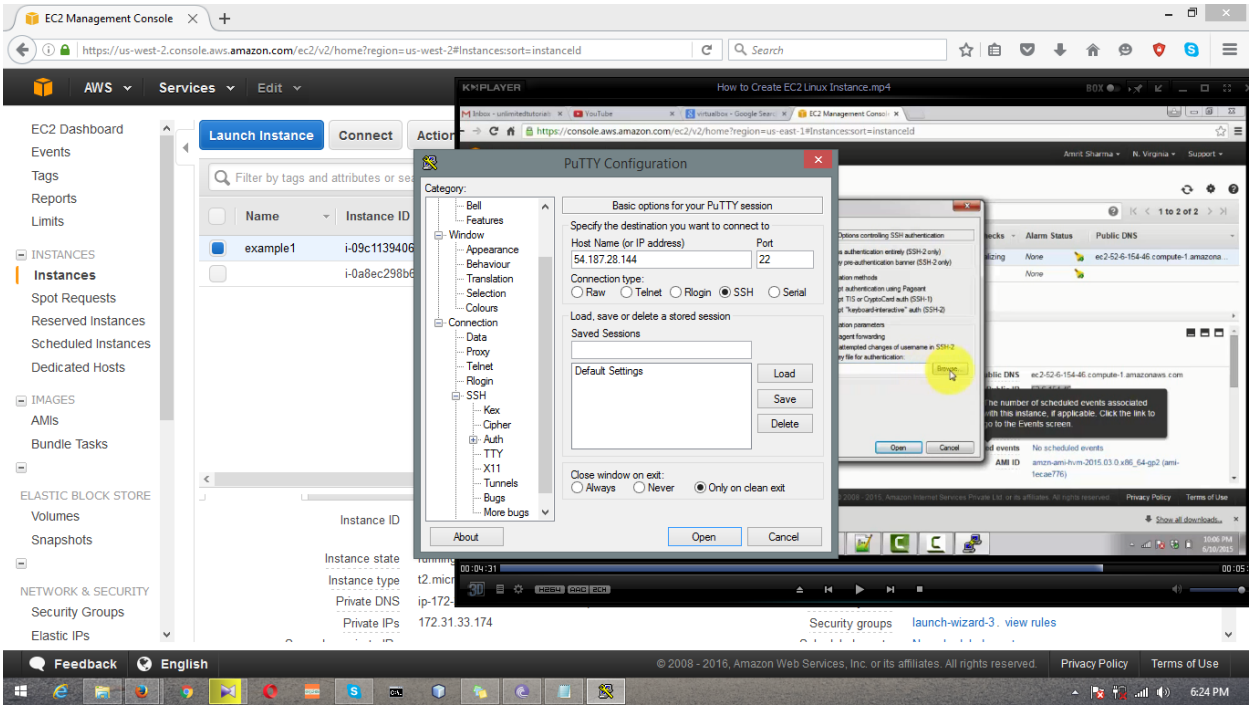

Programs
File Home Share View
This PC ▸ Downloads ▸ Programs
Search Programs
Favorites
Desktop
Downloads
Recent places
OneDrive
Homegroup
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Local Disk (E:)
CORSAIR (F:)
Network
Name
Date modified
Type
Size
Anaconda2-4.0.0-Windows-x86_64
6/15/2016 2:41 PM
Application
342,586 KB
Dell_SX2210-Monitor_Webcam SW RC1.1...
Firefox-Setup-47-0
Kies3Setup
puttygen
SkypeSetup
VirtualBox-5.0.22-108108-Win
PuTTY Key Generator
File Key Conversions Help
Key
Public key for pasting into OpenSSH authorized_keys file:
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABAQCUTjXmjzE6b9grv2EJbzect4gsR6/XPRby
Tw77vVcflcPtL+kstvwv+qn0RHu+wk70pjdDNx0FBNdS+v00xHPCqDs
+qneZObsiGhcwZY5h5iL2YO8j8Y6HcNLupAh9tZWvn3Hux
+voOjT5/sPGGHvI1mPzJSVKChc+FGjeV
Key fingerprint:
ssh-rsa 2048 ae:f3:5d:bf:a2:ec:97:12:b9:e4:1c:5b:75:8d:51:96
Key comment:
imported-openssh-key
Key passphrase:
Confirm passphrase:
Actions
Generate a public/private key pair
Generate
Load an existing private key file
Load
Save the generated key
Save public key
Save private key
Parameters
Type of key to generate:
SSH-1 (RSA)
SSH-2 RSA
SSH-2 DSA
Number of bits in a generated key:
2048
7 items
6:16 PM

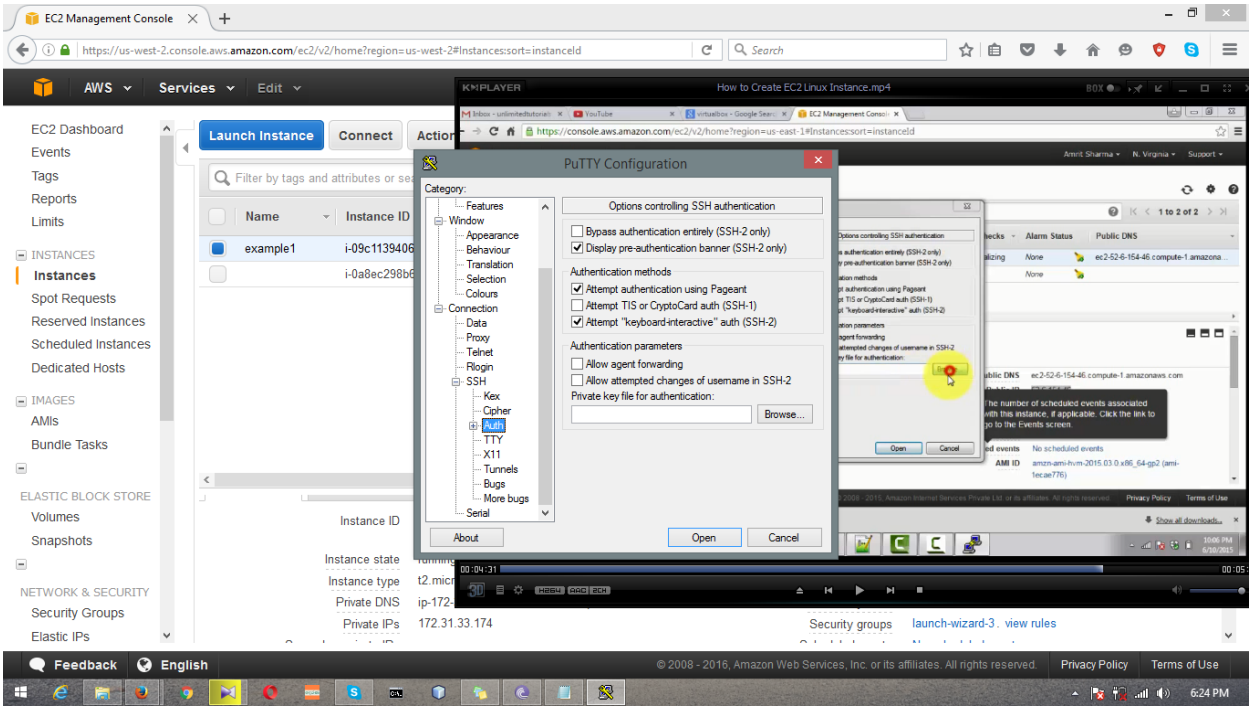

Programs
File Home Share View
This PC ▸ Downloads ▸ Programs
Search Programs
KMPLAYER
How to Create EC2 Linux Instance.mp4
PuTTY Key Generator
File Key Conversions Help
Key
Public key for pasting into OpenSSH authorized_keys file:
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABAQCUTjXmjzE6b9grv2EJbzect4gsR6/XPRby
Tw77vVcflcPtL+kstvwv+qn0RHu+wk70pjdDNx0FBNdS+v00xHPCqDs
+qneZObsiGhcwZY5h5iL2YO8j8Y6HcNLupAh9tZWvn3Hux
+voOjT5/sPGGHvI1mPzJSVKChc+FGjeV
Key fingerprint:
ssh-rsa 2048 ae:f3:5d:bf:a2:ec:97:12:b9:e4:1c:5b:75:8d:51:96
Key comment:
imported-openssh-key
Key passphrase:
Confirm passphrase:
Actions
Generate a public/private key pair
Generate
Load an existing private key file
Load
Save the generated key
Save public key
Save private key
Parameters
Type of key to generate:
SSH-1 (RSA)
SSH-2 RSA
SSH-2 DSA
Number of bits in a generated key:
2048
7 items
6:17 PM

Configure the puttygen with proper IP address

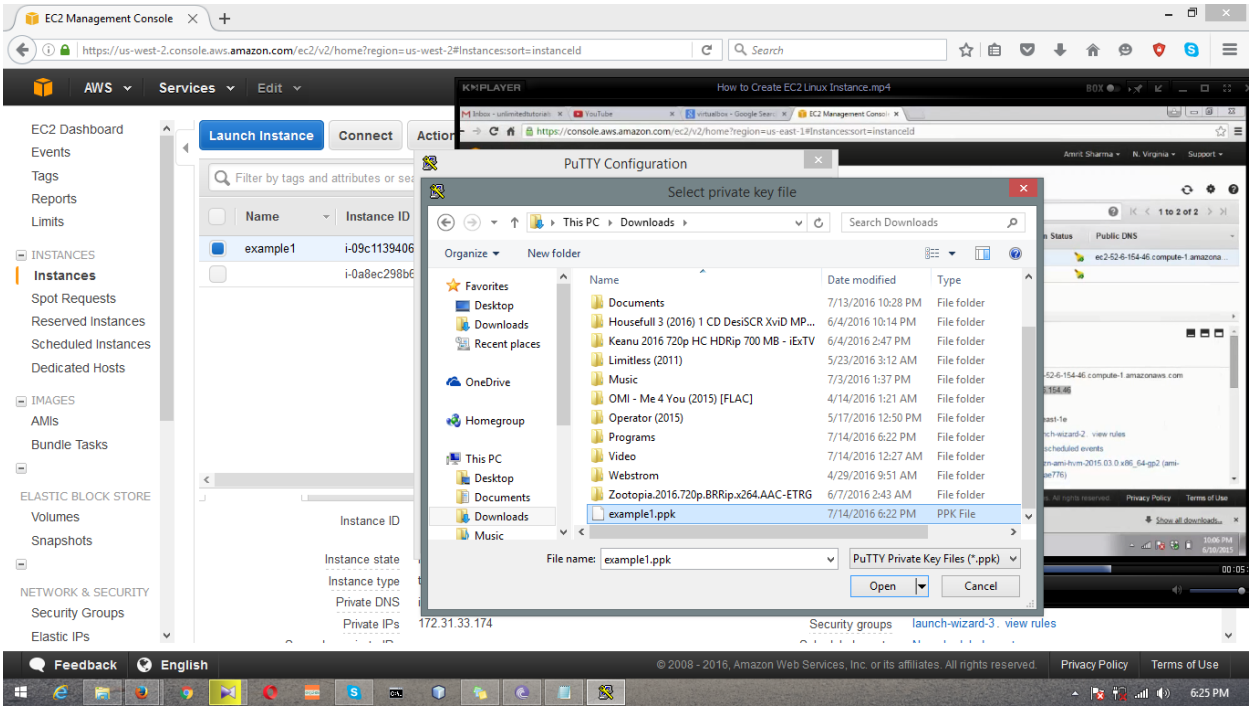


Configure the puttygen

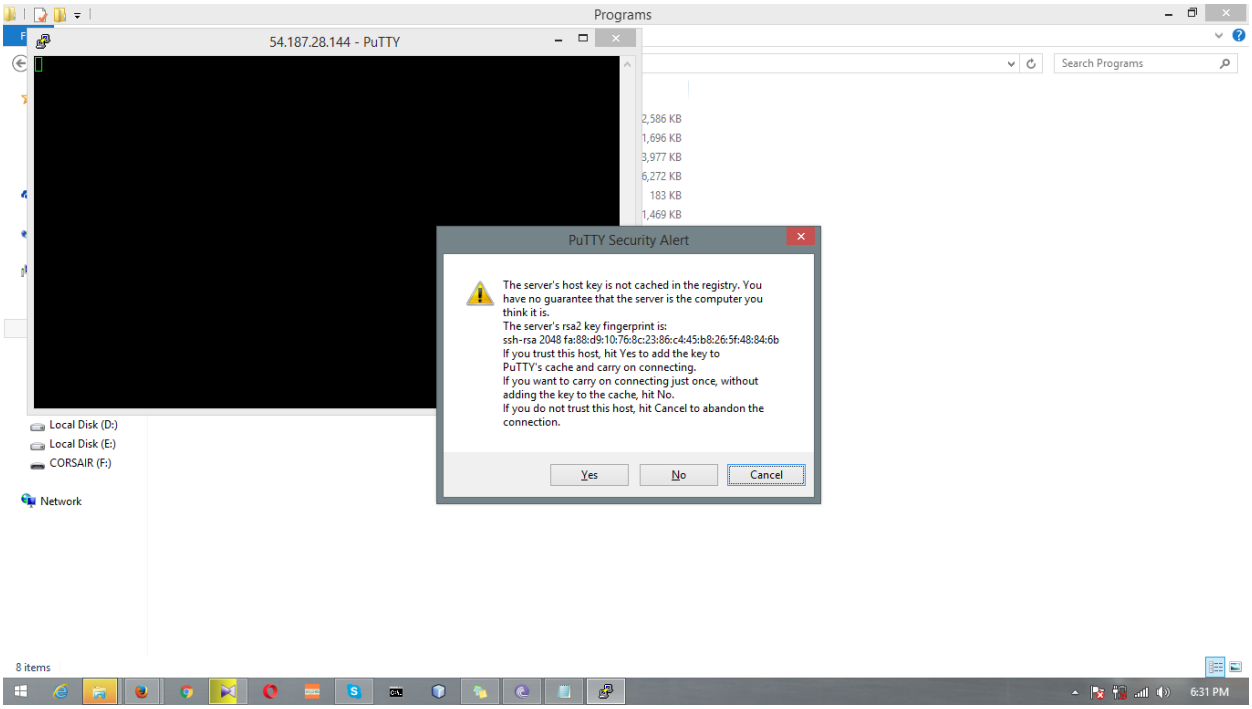




Then browse the Duplicate ".pem"



Then run the puttygen



If you need to connect and open instance type “ec2-user” on the command line