Sri Lanka Institute of Information Technology

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester

AWS Instances Summary
Labs 1 & 2

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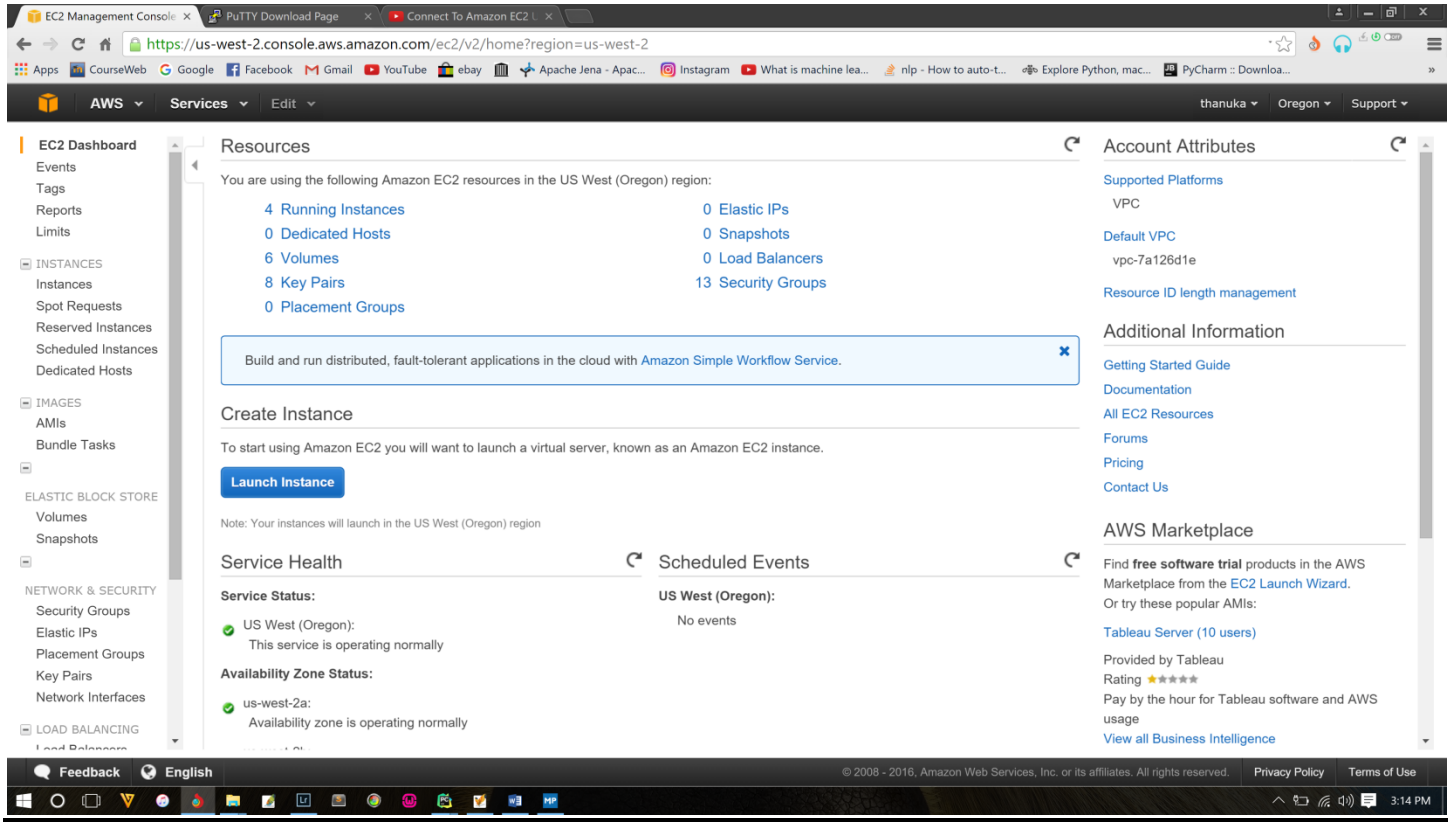
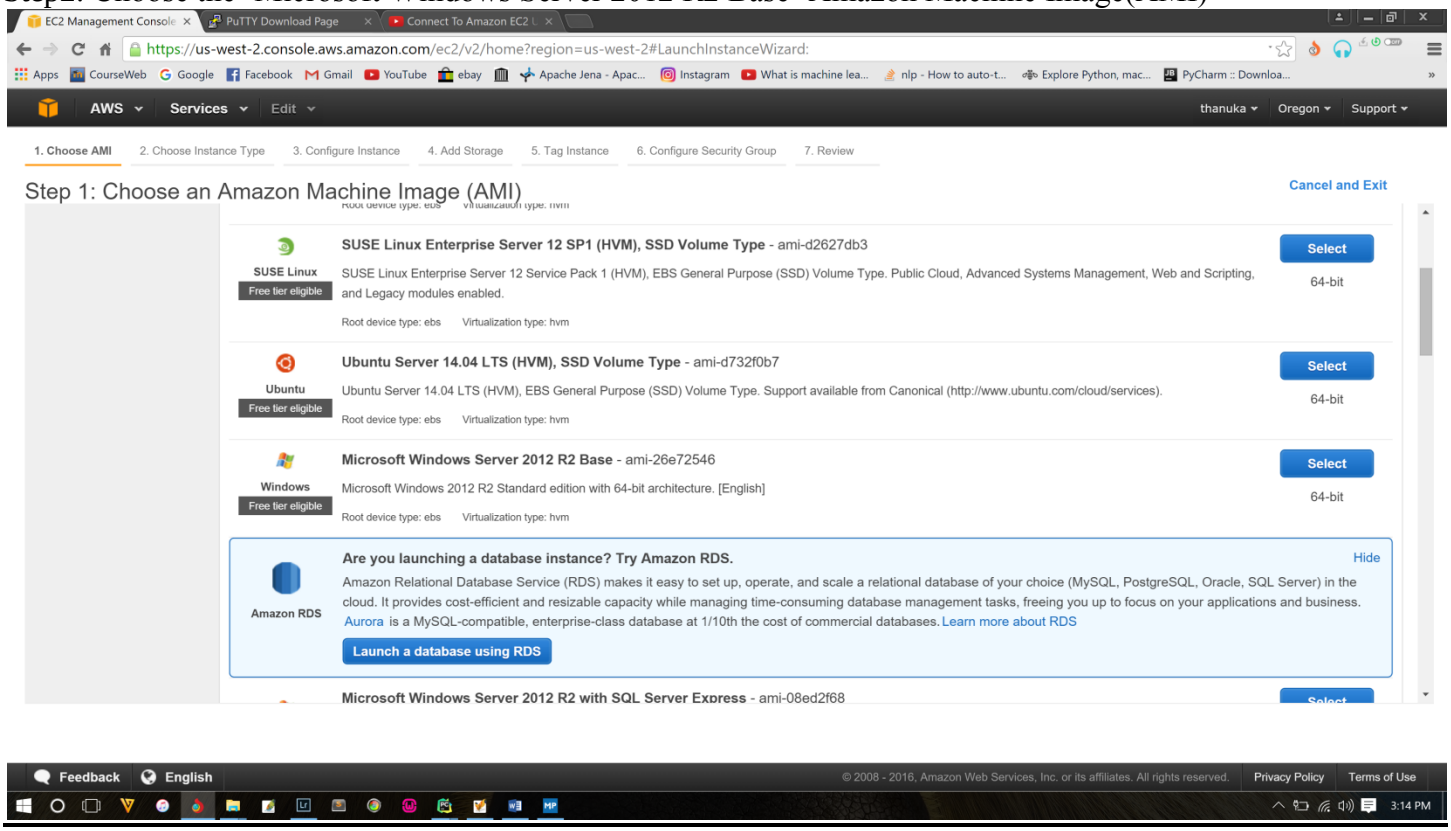
Registration No: **IT 13 0568 58**

Creating an Amazon EBS-Backed Windows AMI

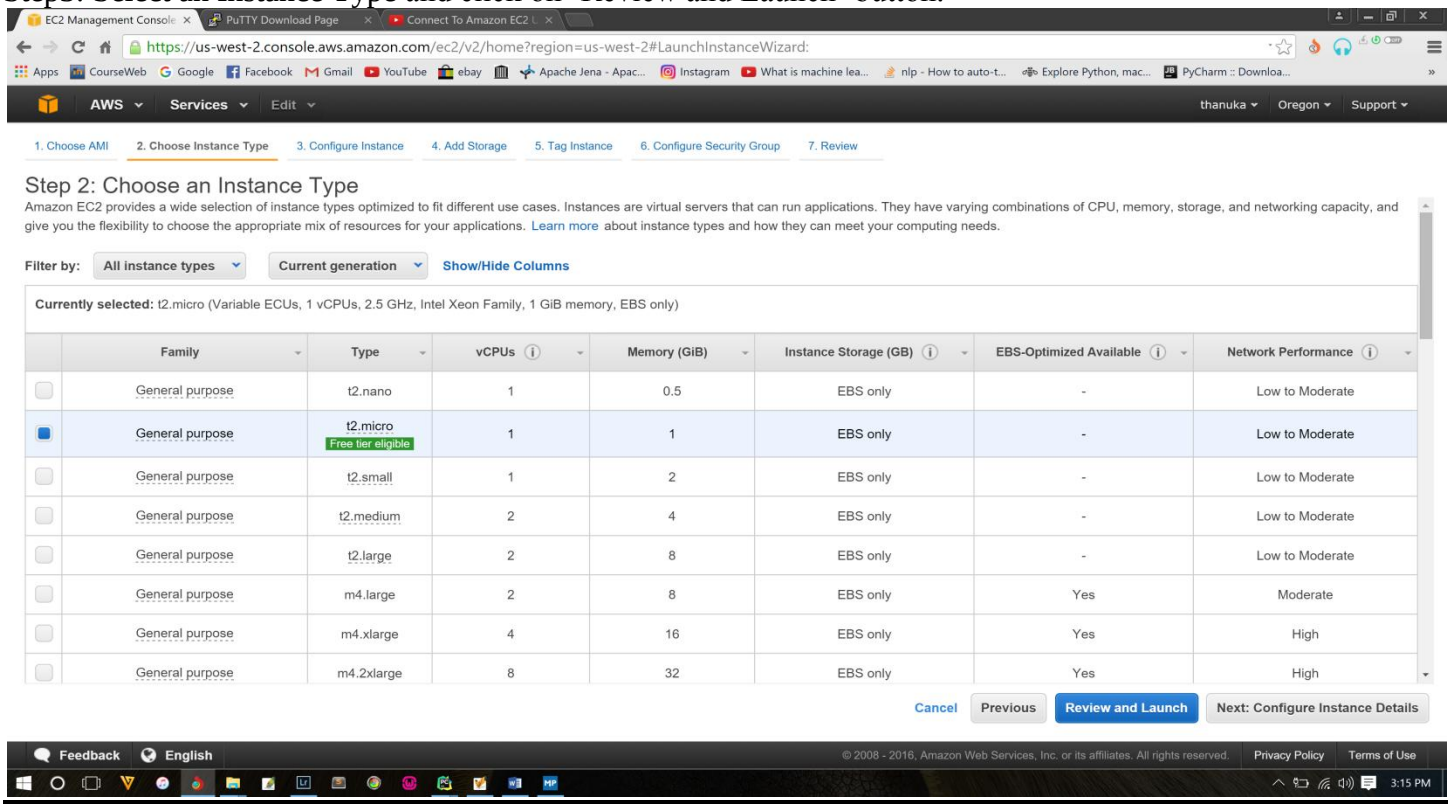
Step1: Select EC2 web service from Amazon Web Services. Then it will be directed to the EC2 dashboard. Under create instance click the 'Launch Instance' to create an Amazon EC2 instance.



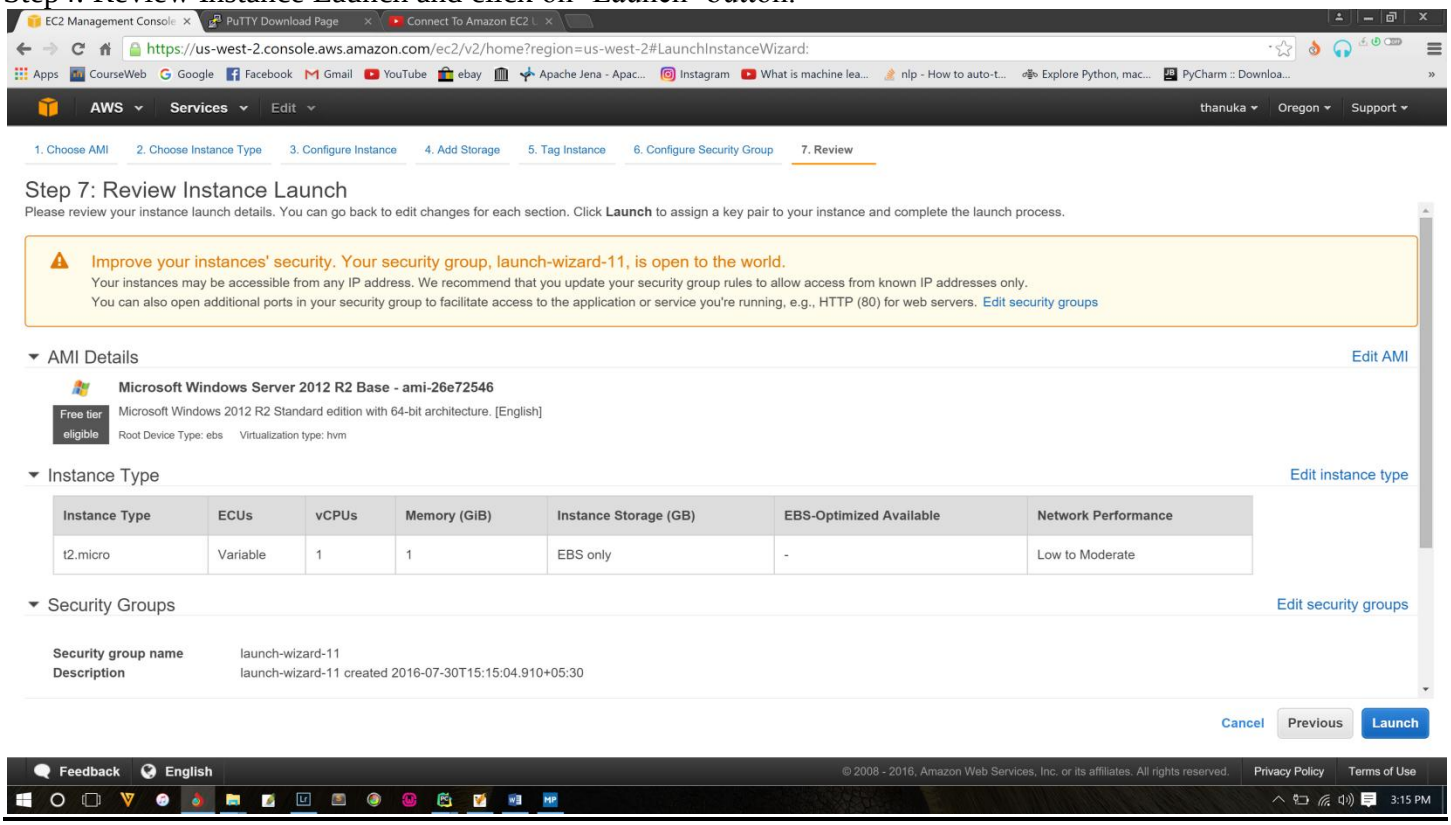
Step2: Choose the 'Microsoft Windows Server 2012 R2 Base' Amazon Machine Image(AMI)



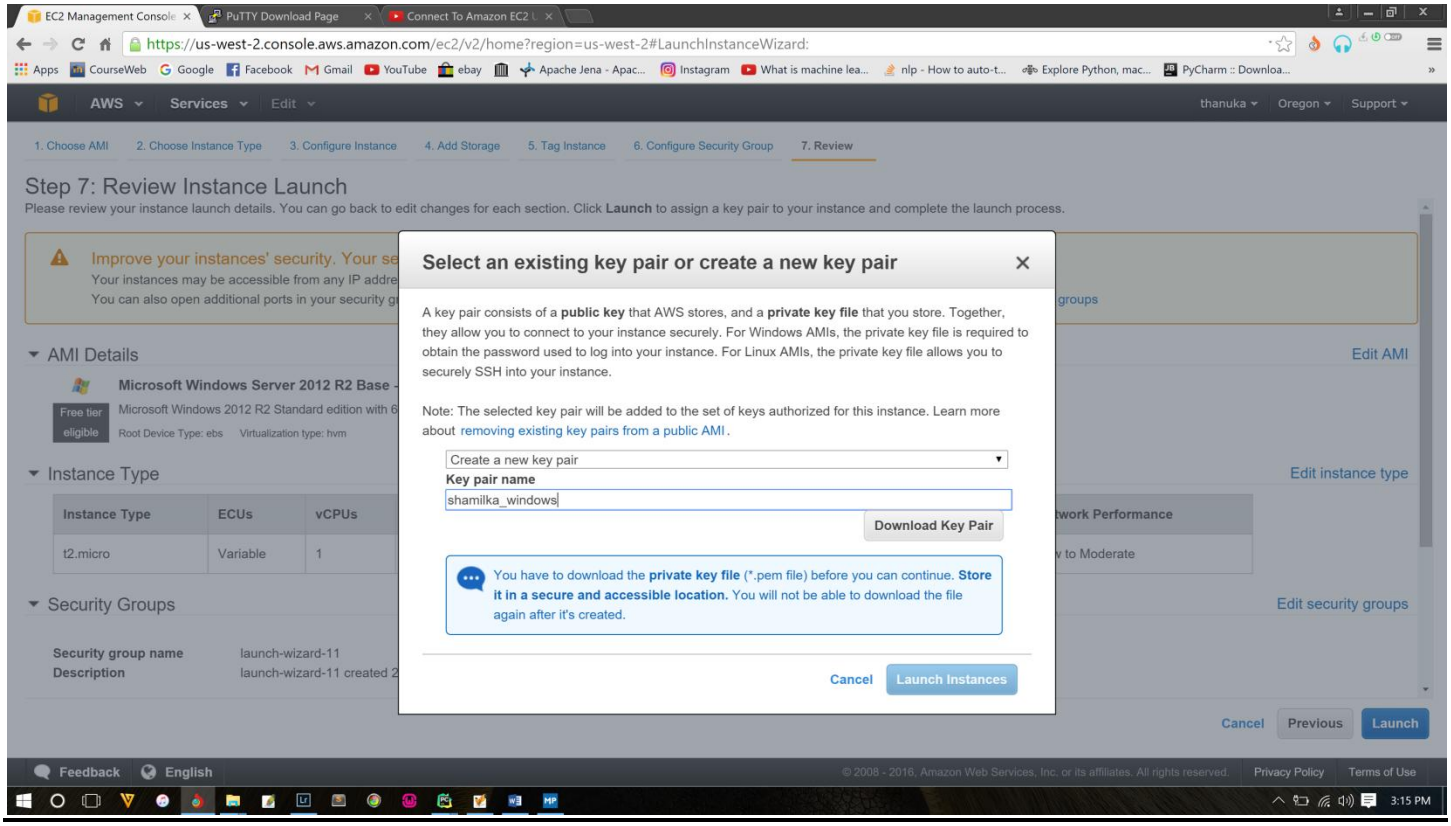
Step3: Select an Instance Type and click on ’Review and Launch’ button.



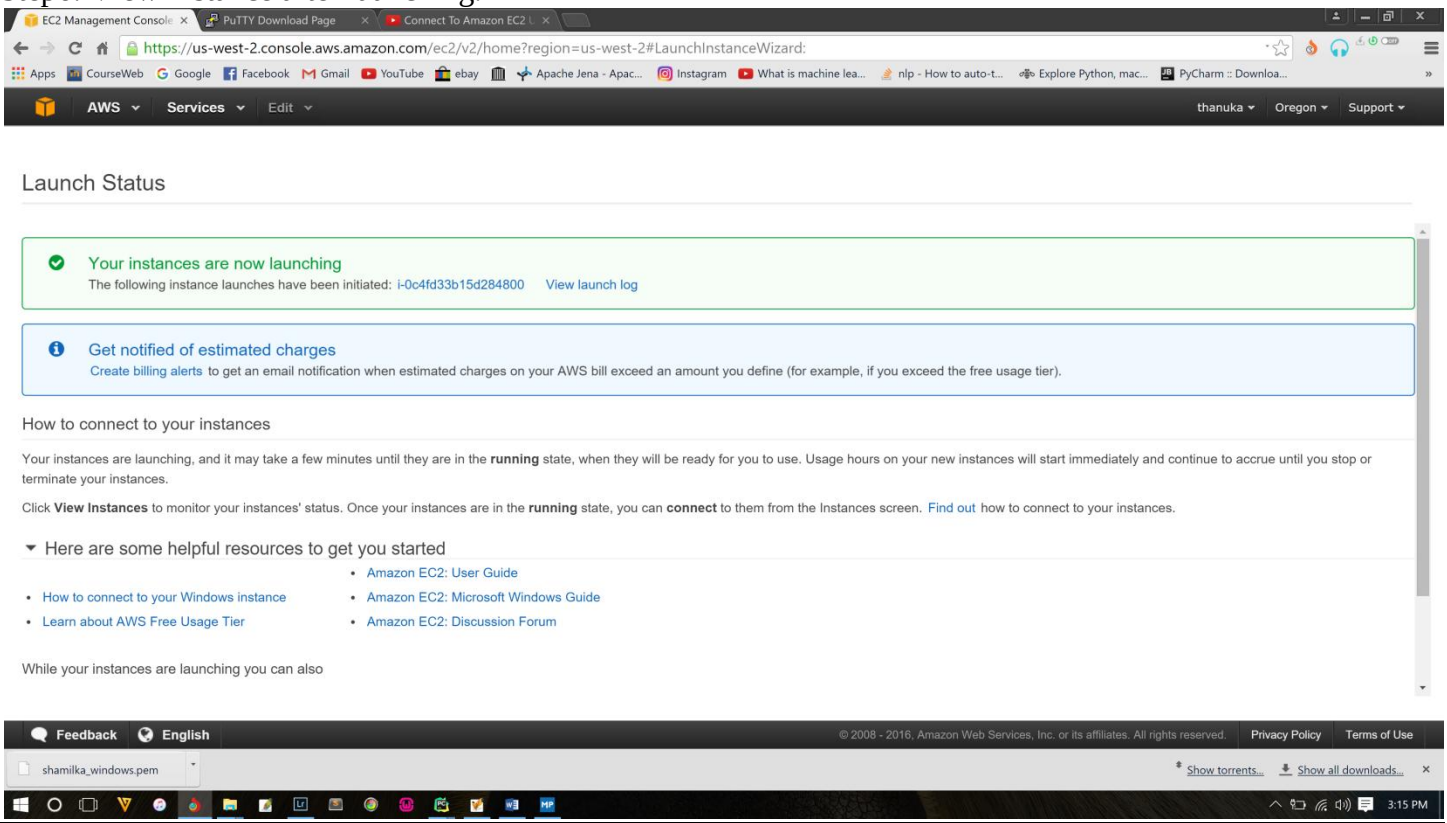
Step4: Review Instance Launch and click on ‘Launch’ button.



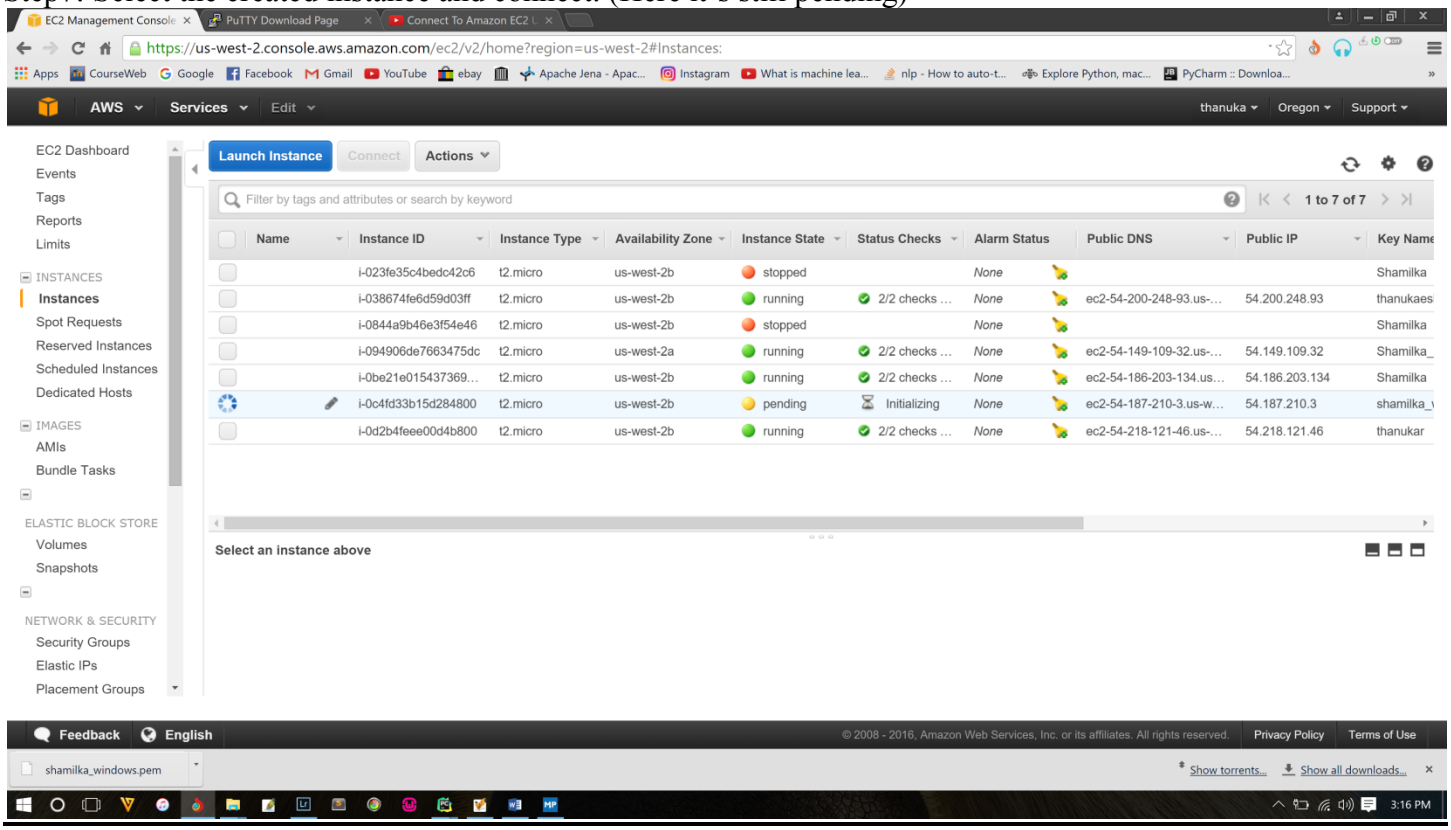
Step5: A popup window will appear whether to select an existing key pair or to create a new key pair. Select ‘Create a new key pair’ and give a key pair name. Then Click on ‘Download key pair’. After that click on ‘Launch Instance’.



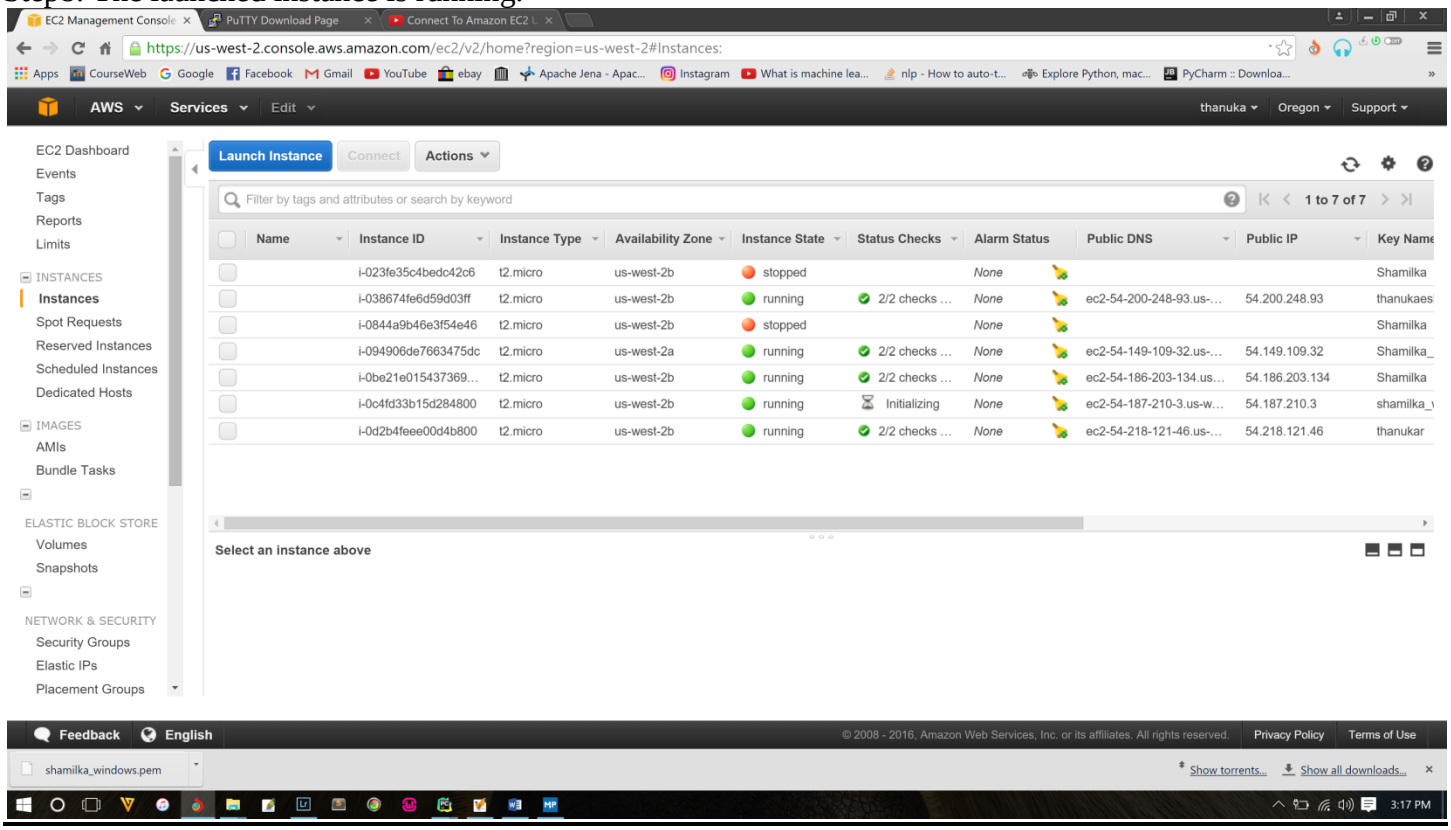
Step6: View Instance after launching.



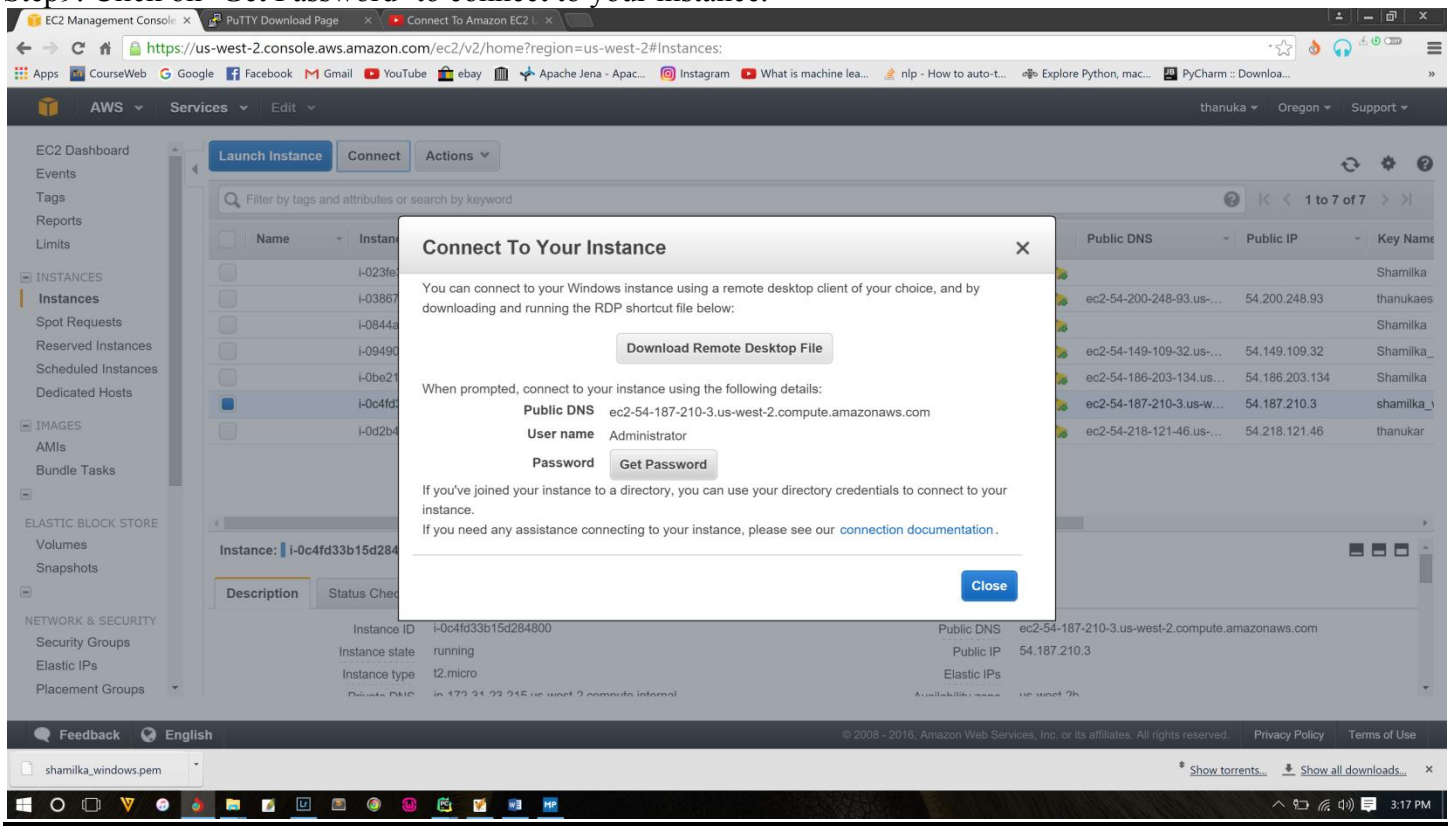
Step7: Select the created instance and connect. (Here it's still pending)



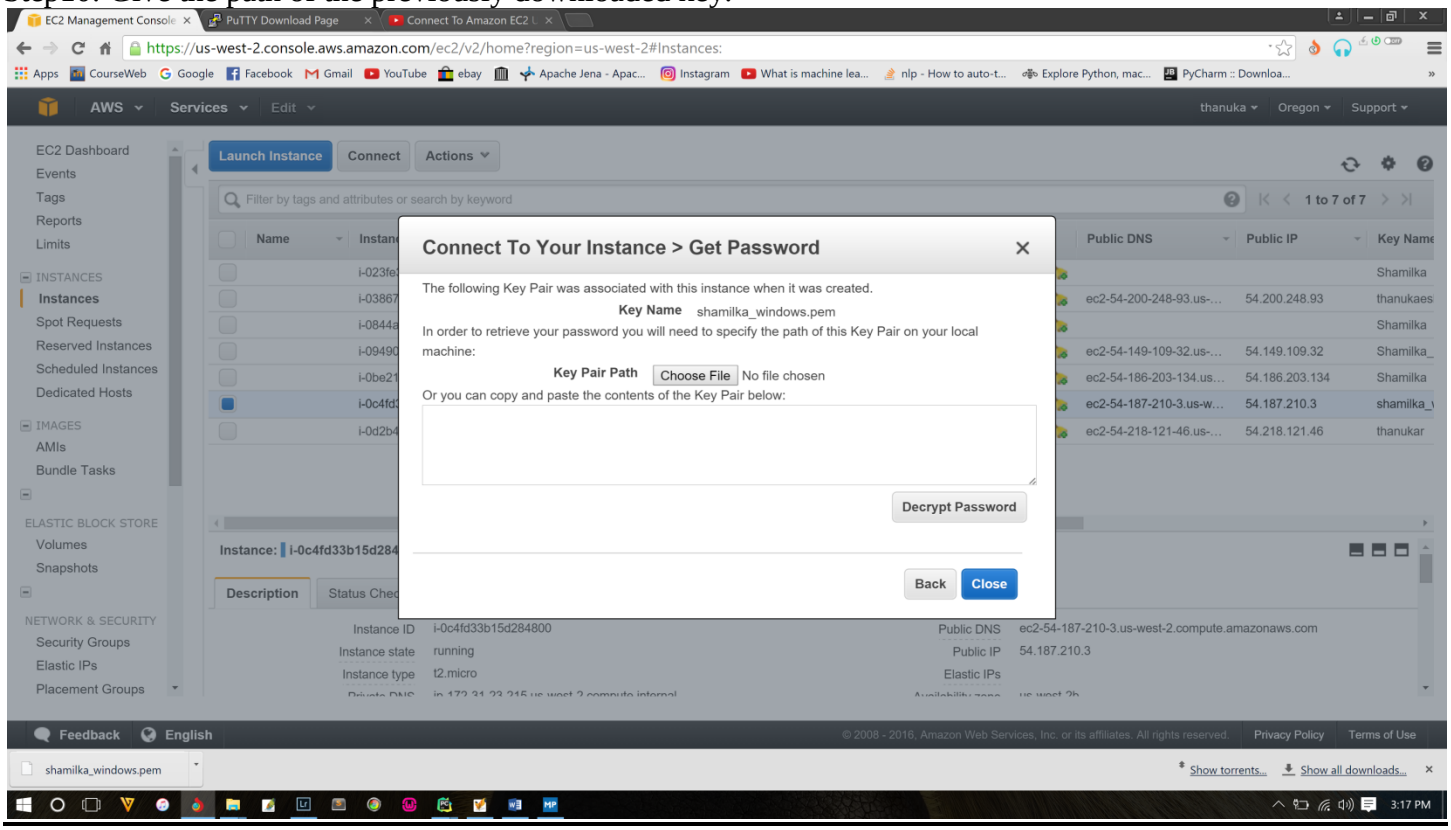
Step8: The launched instance is running.



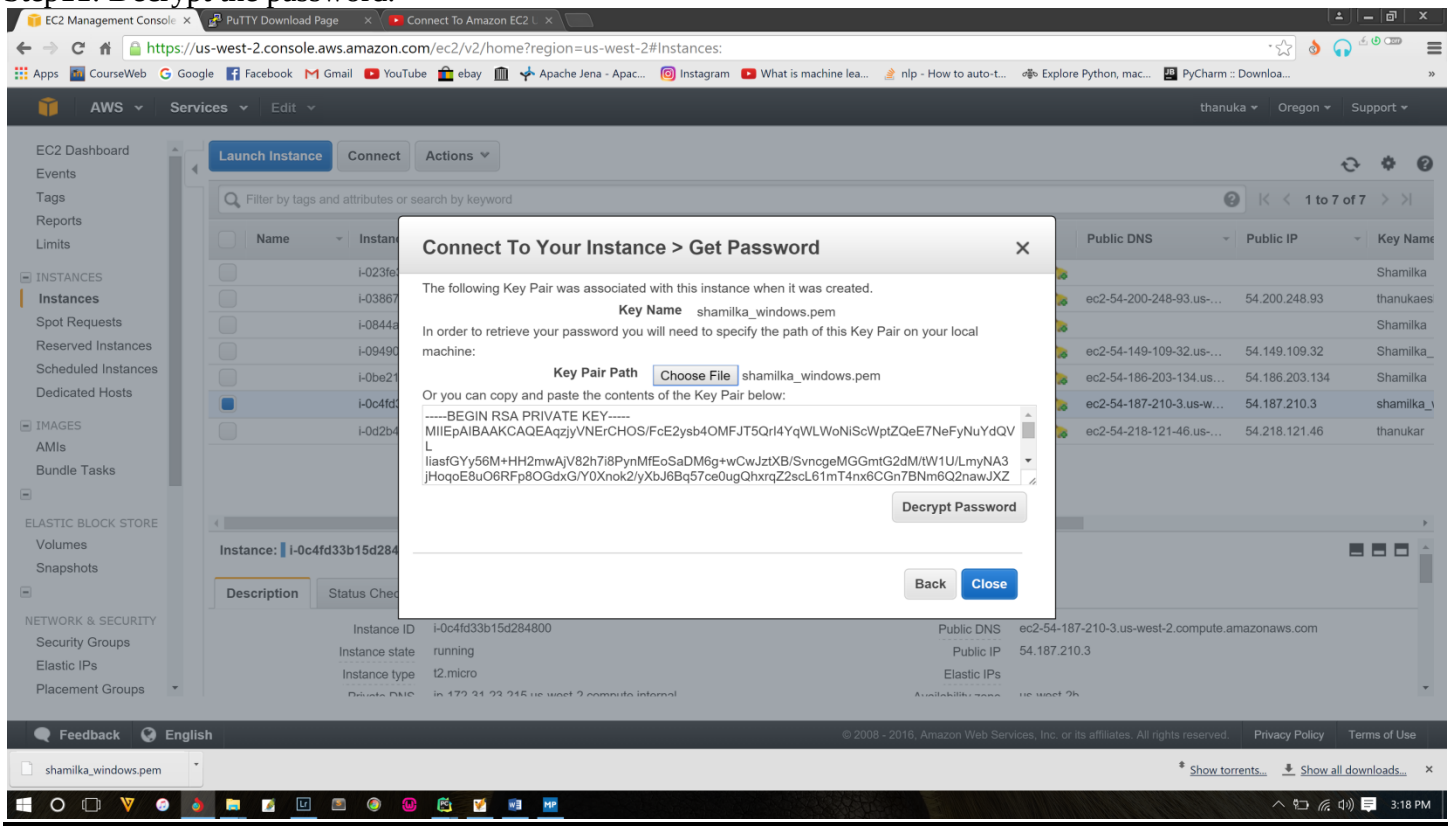
Step9: Click on ‘Get Password’ to connect to your instance.



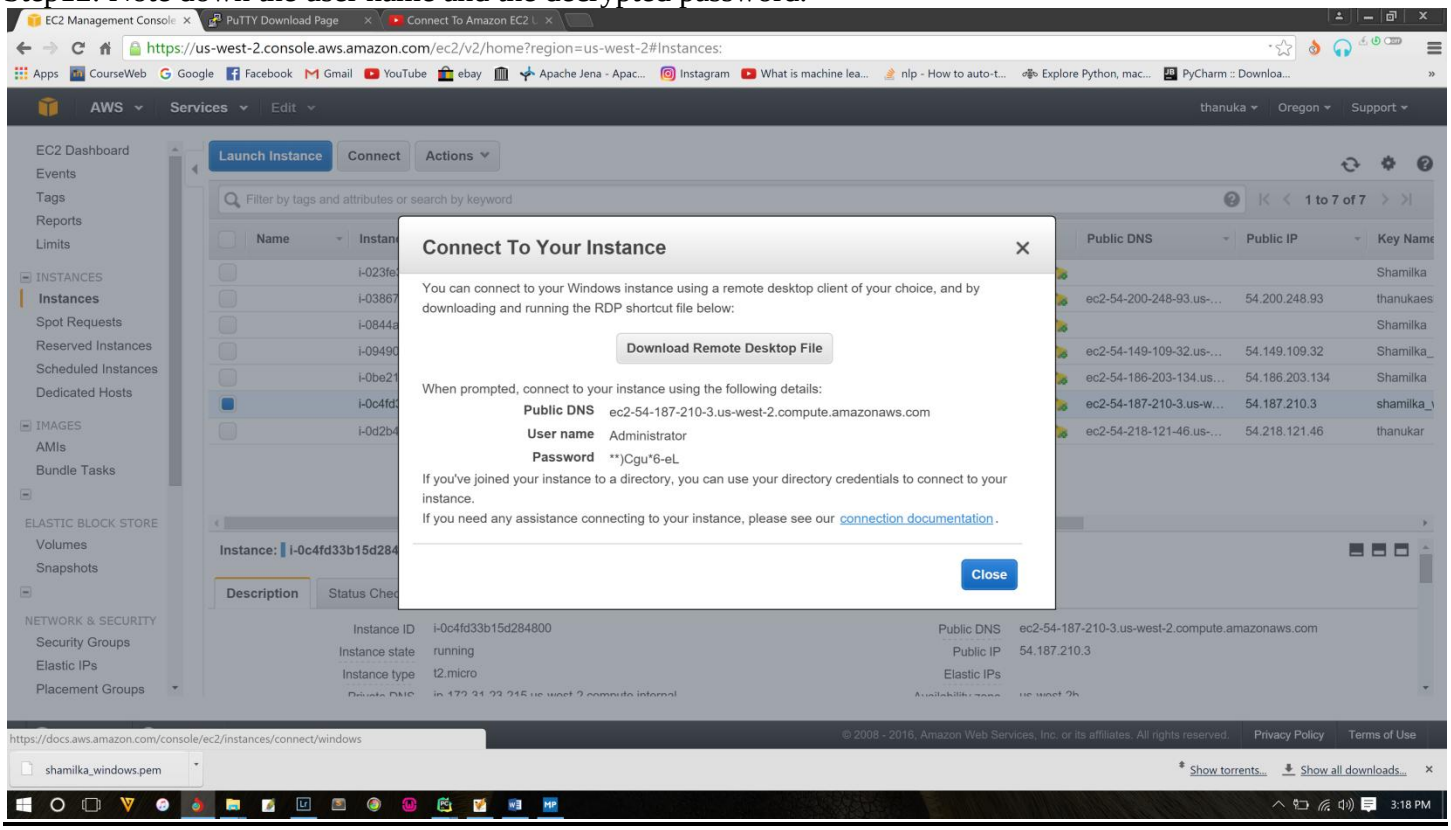
Step10: Give the path of the previously downloaded key.



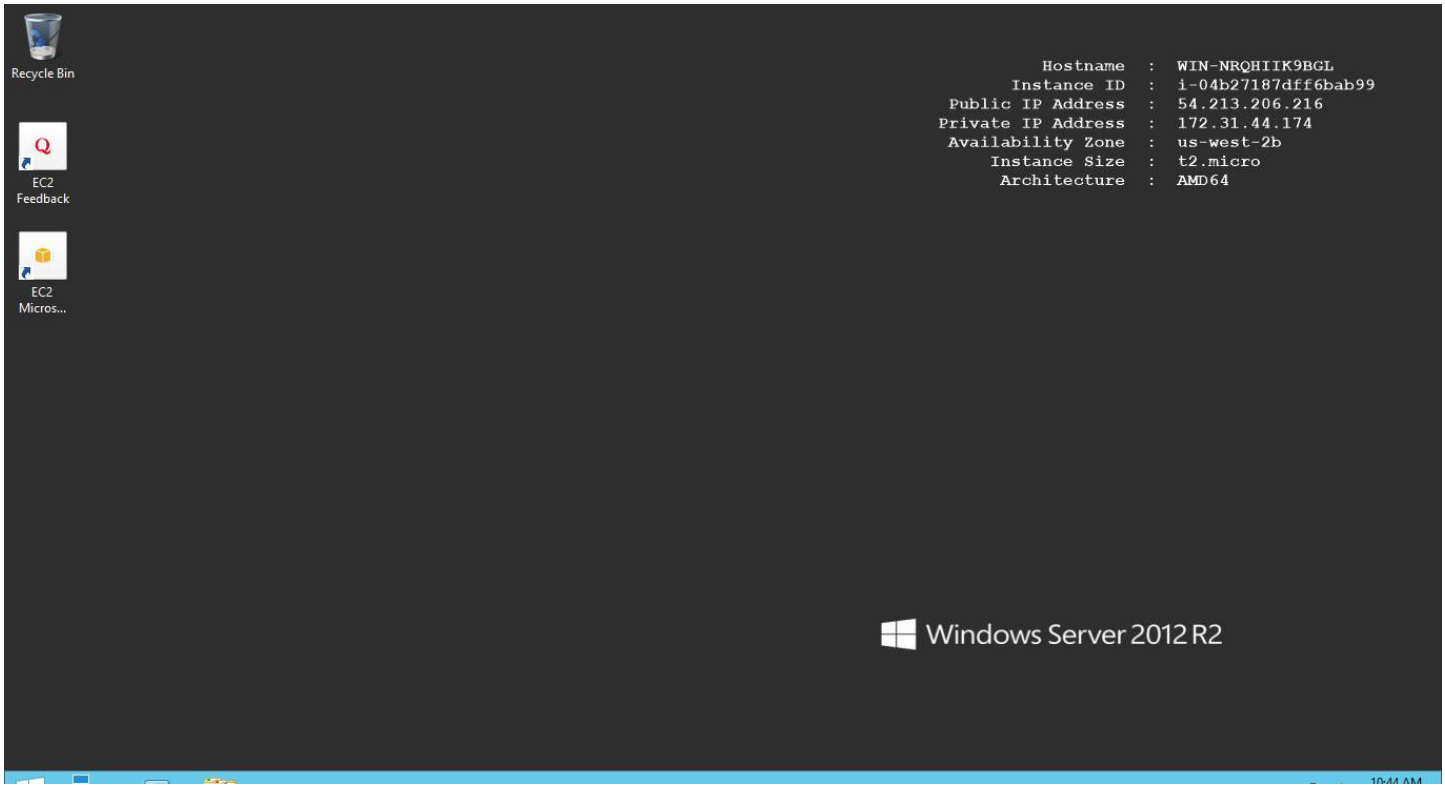
Step11: Decrypt the password.



Step12: Note down the user name and the decrypted password.

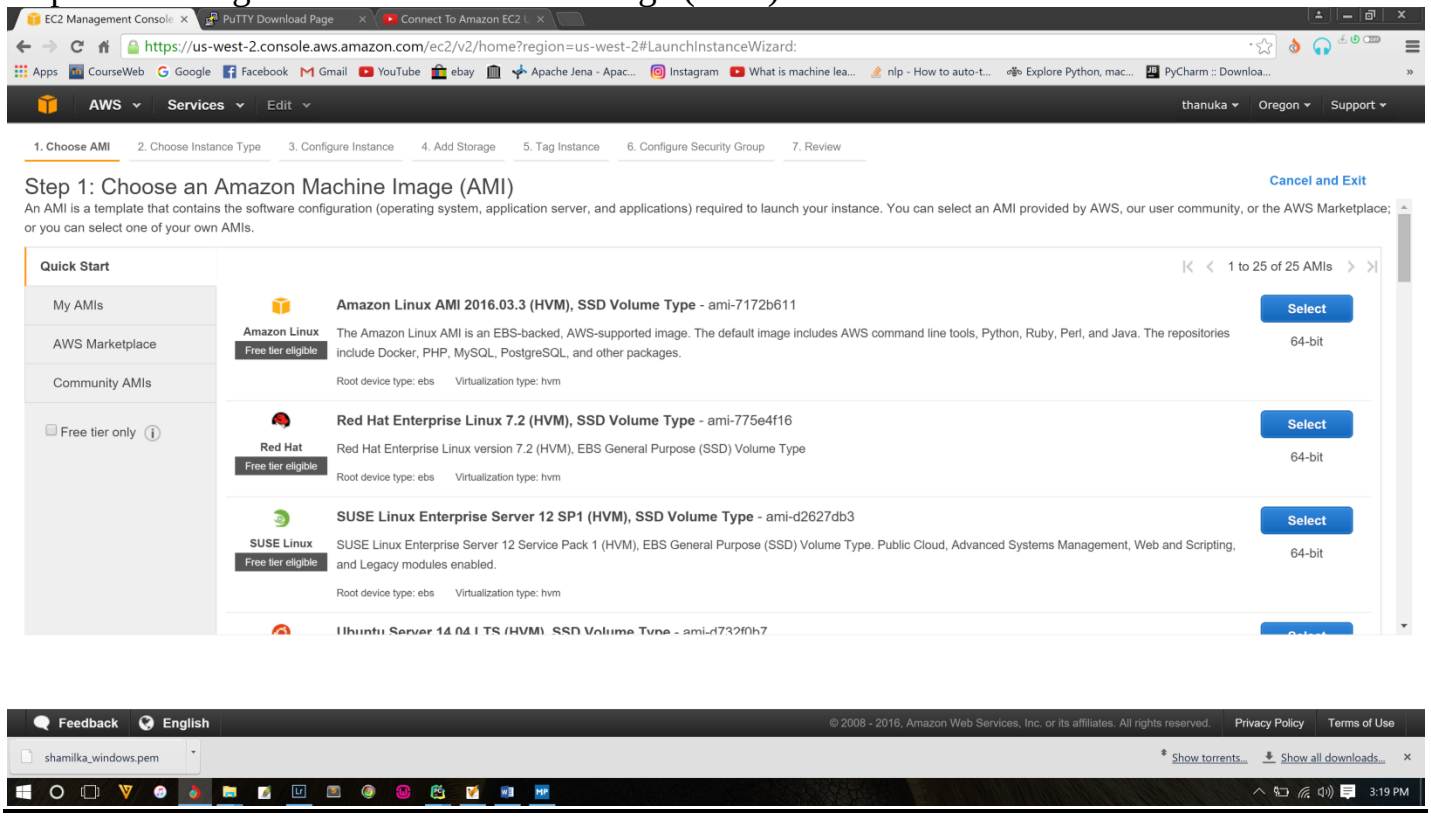


Step13: Open Remote Desktop Connection. Provide the public IP of the launched instance. Then log in to Windows Server 2012 R2 using the given user name and the decrypted password.

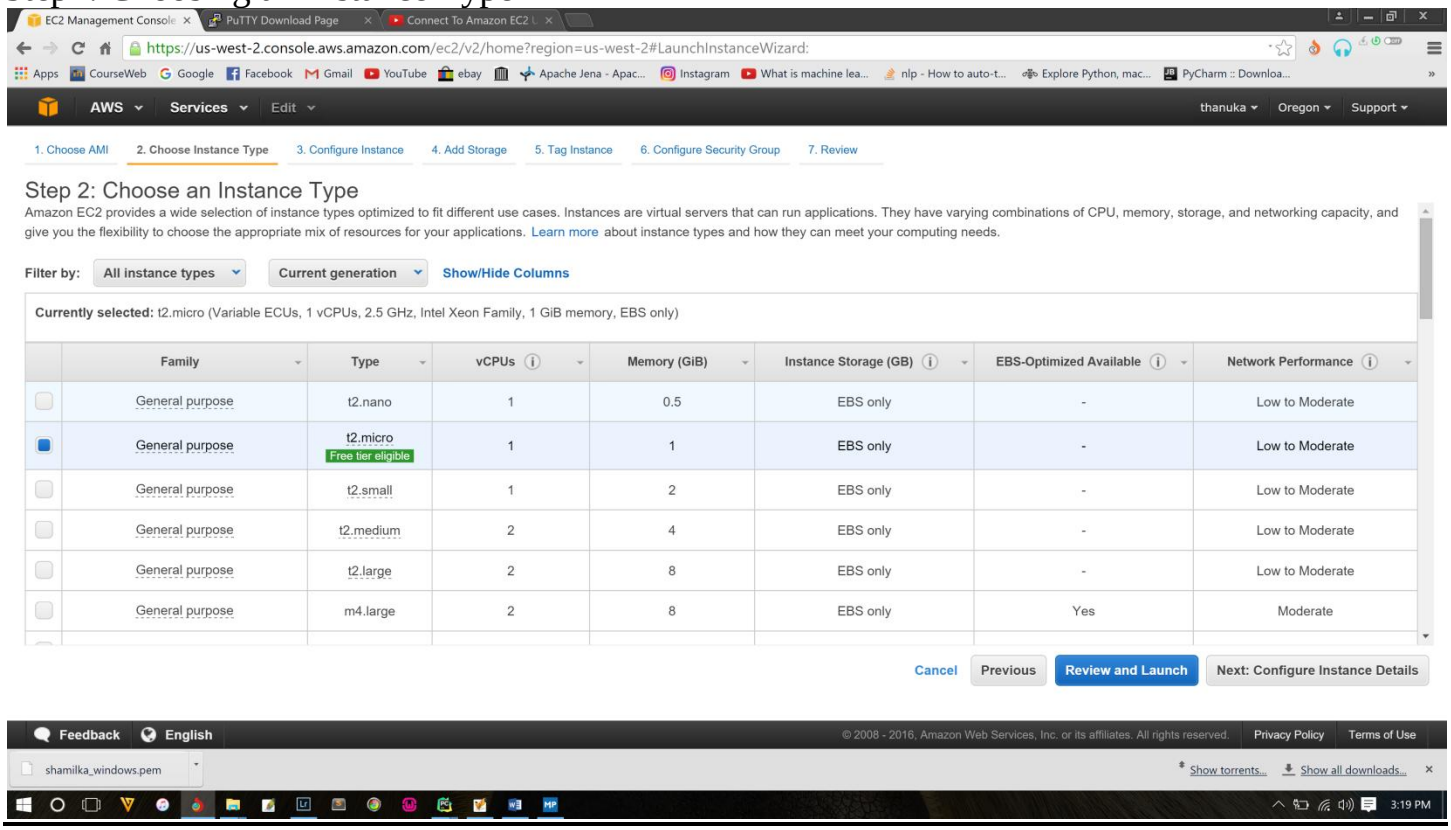


Creating an Amazon EBS-Backed Linux AMI

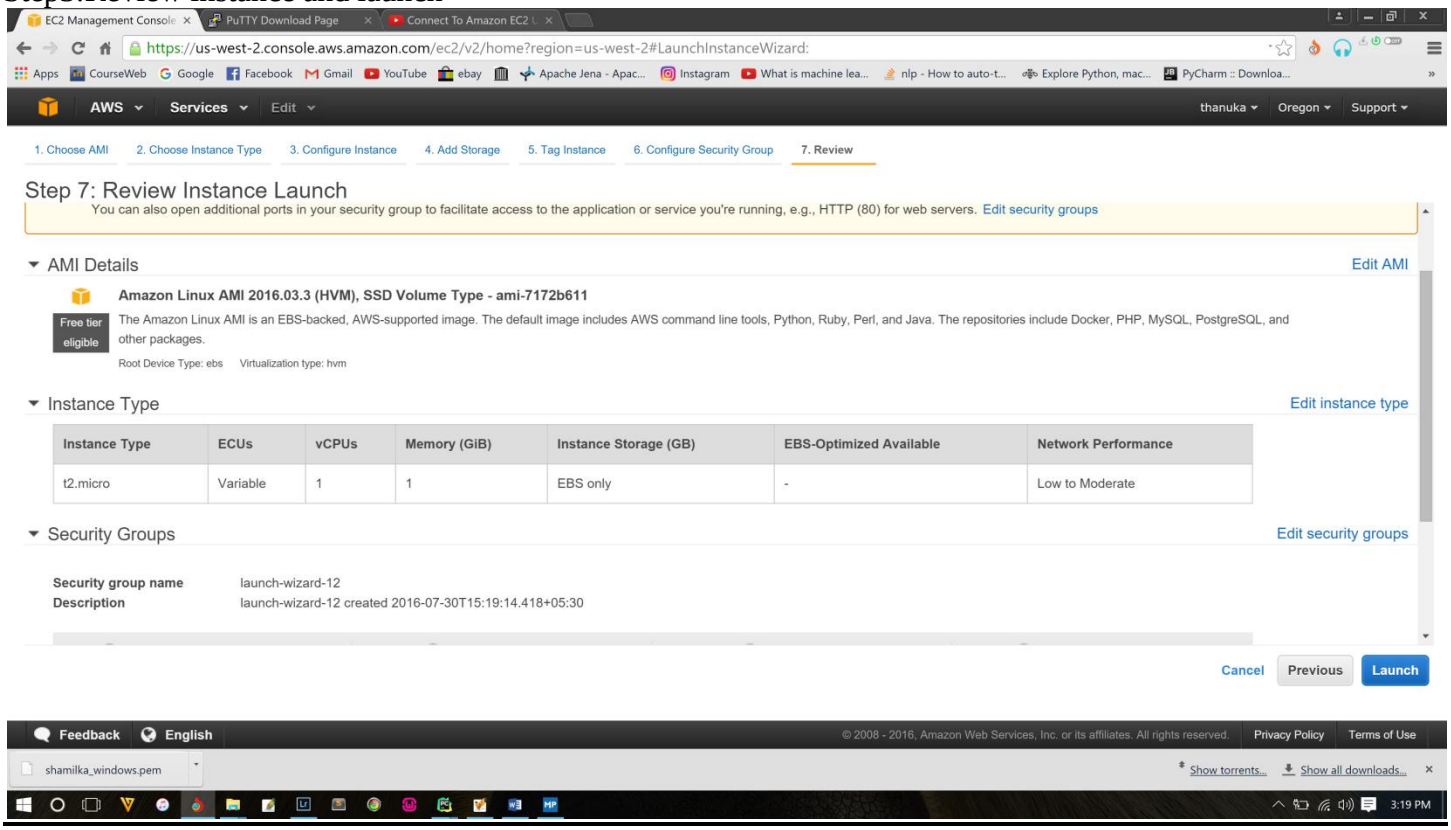
Step1: Choosing an Amazon Machine Image (AMI)



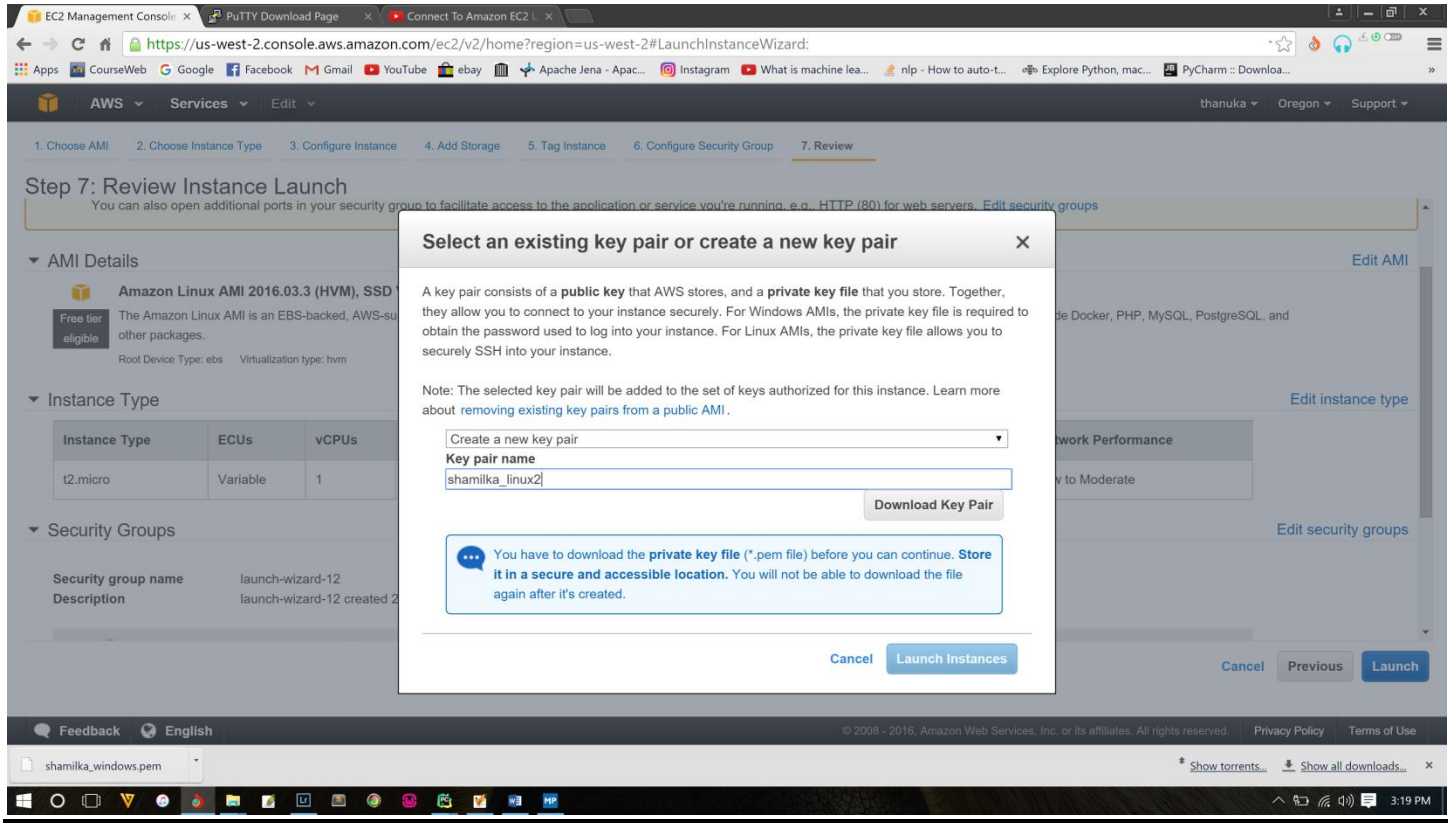
Step2: Choosing an Instance Type



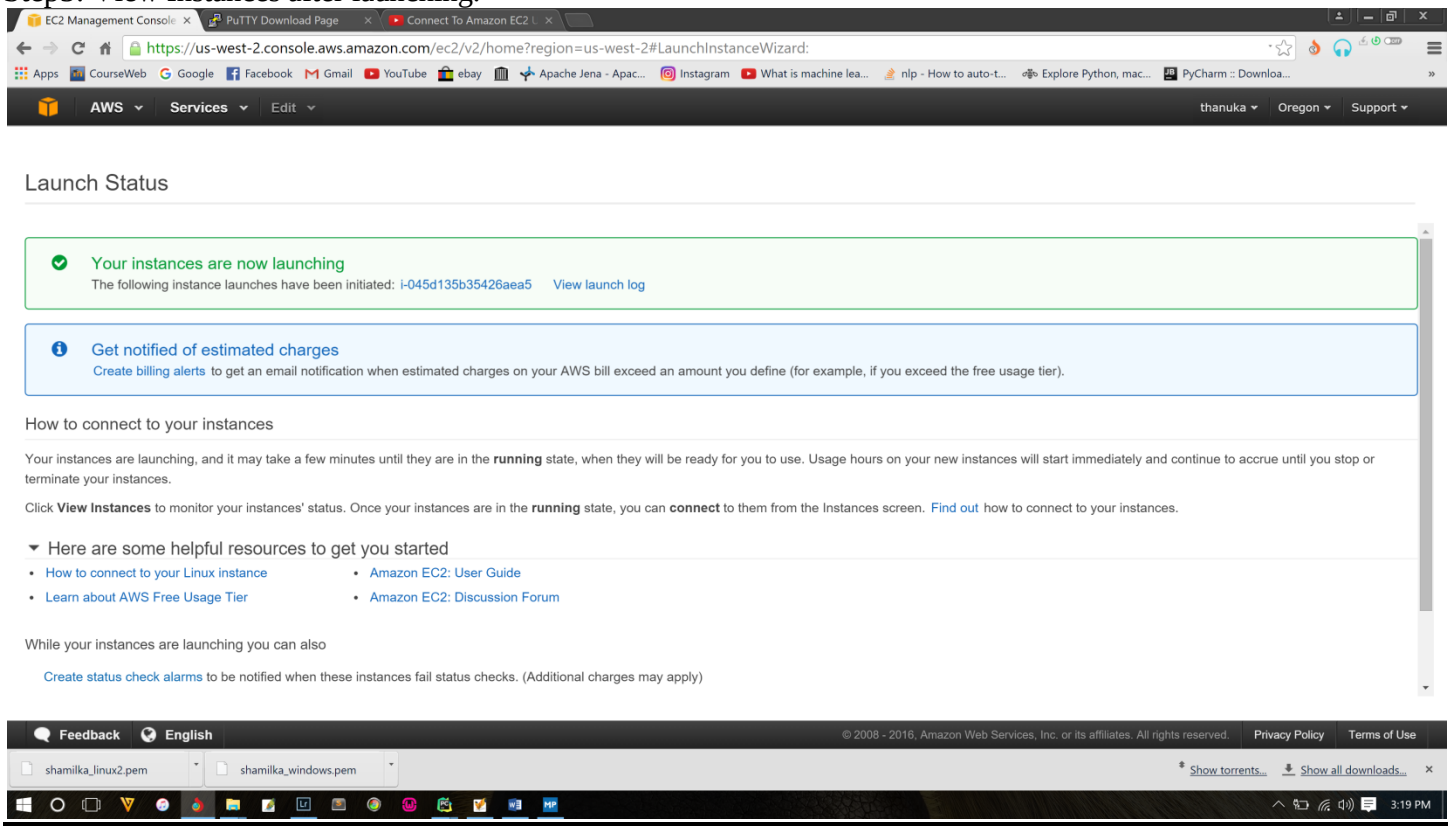
Step3:Review instance and launch

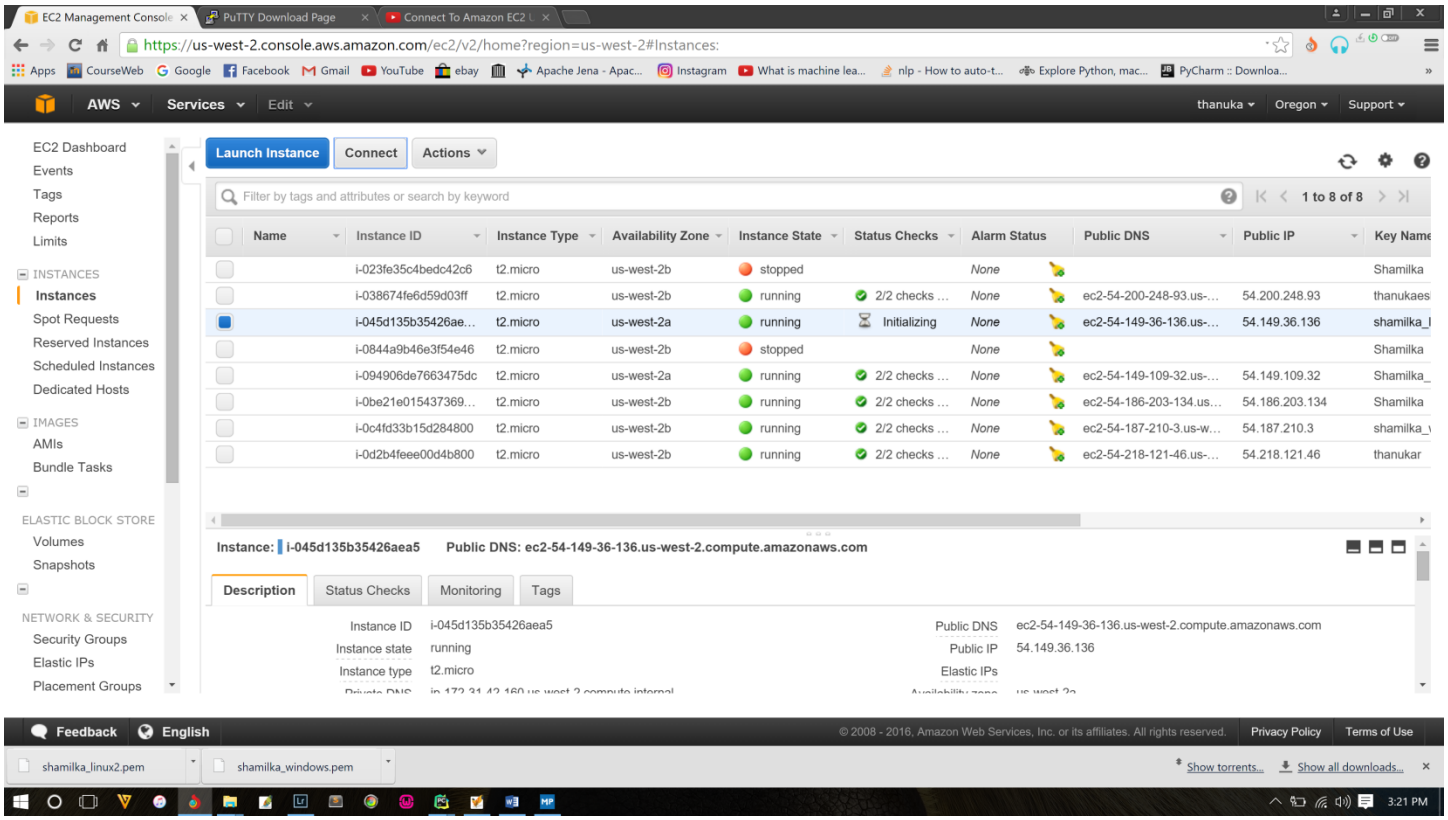


Step4: Choose create a new key pair to download a new key pair. Then give a key pair name. Then select Launch Instance.

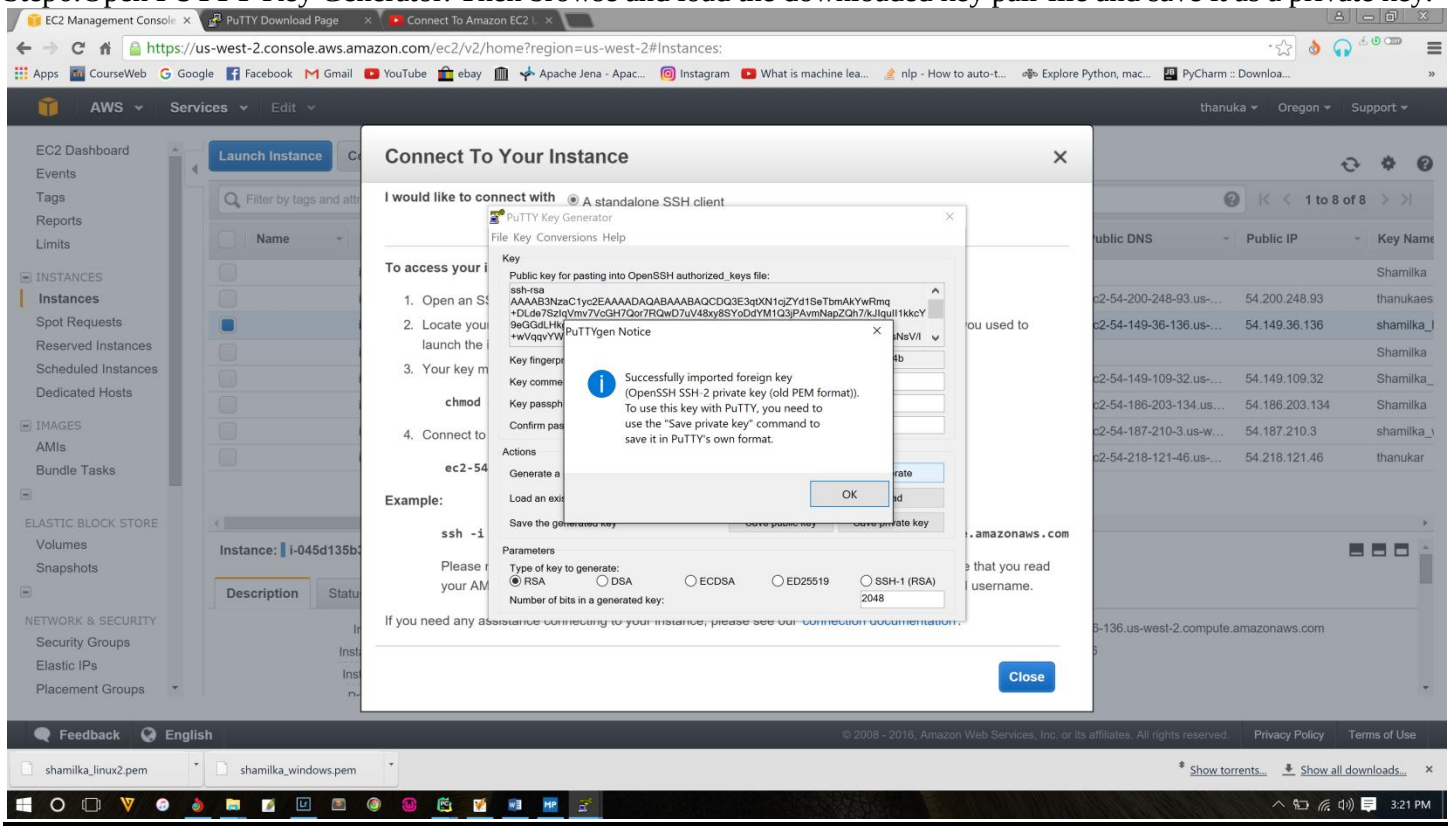


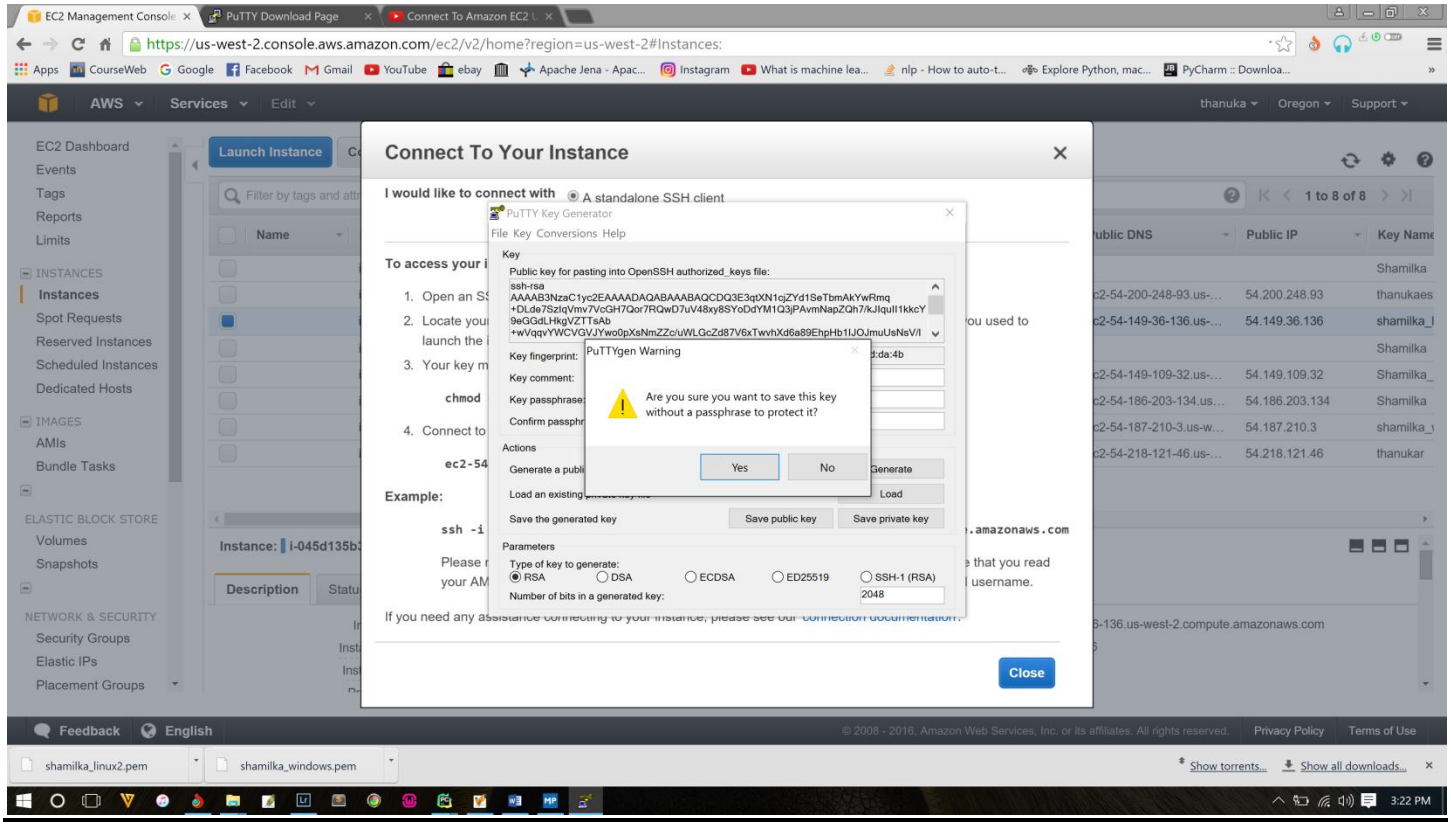
Step5: View Instances after launching.



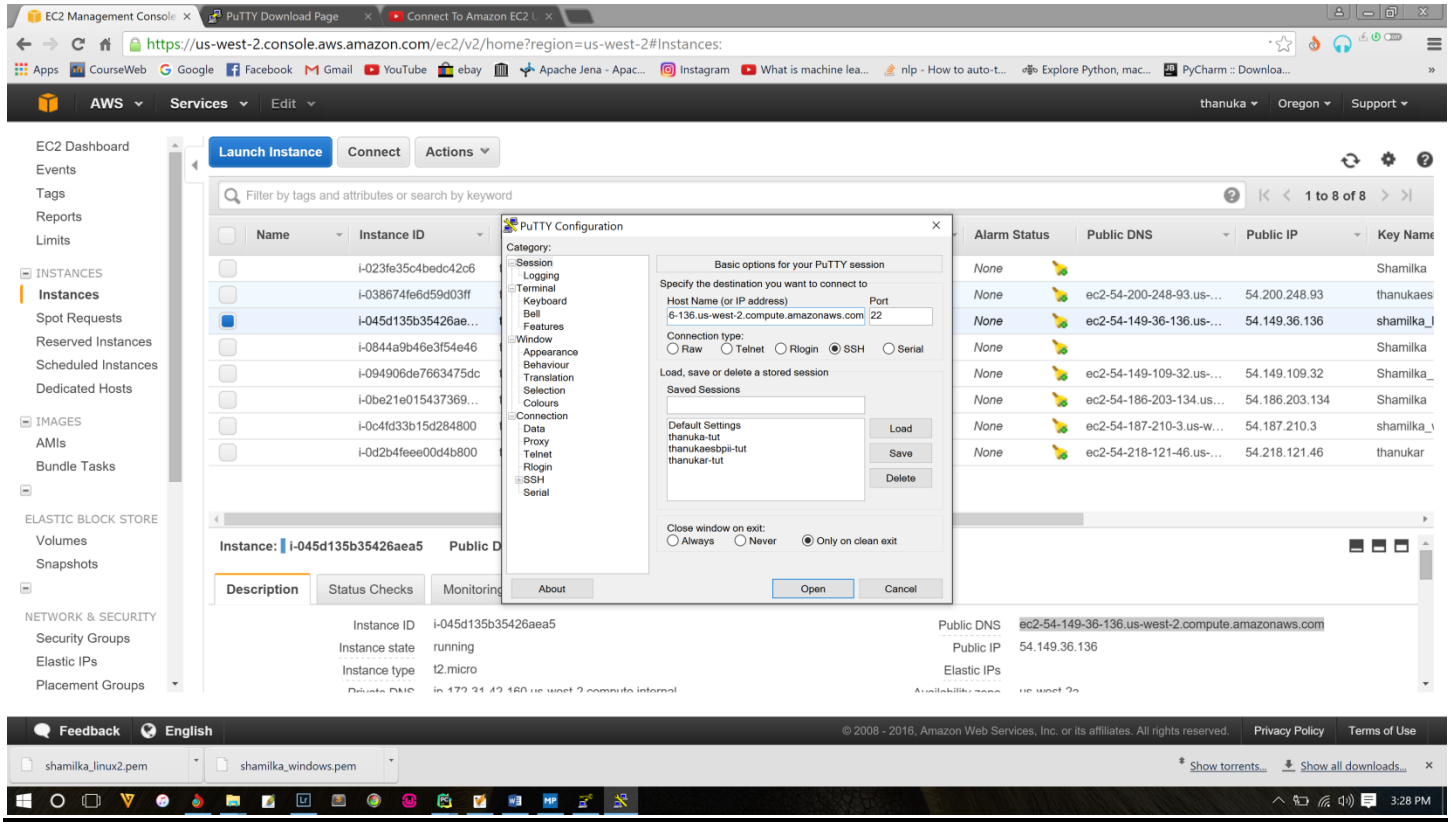


Step6:Open PUTTY Key Generator. Then browse and load the downloaded key pair file and save it as a private key.

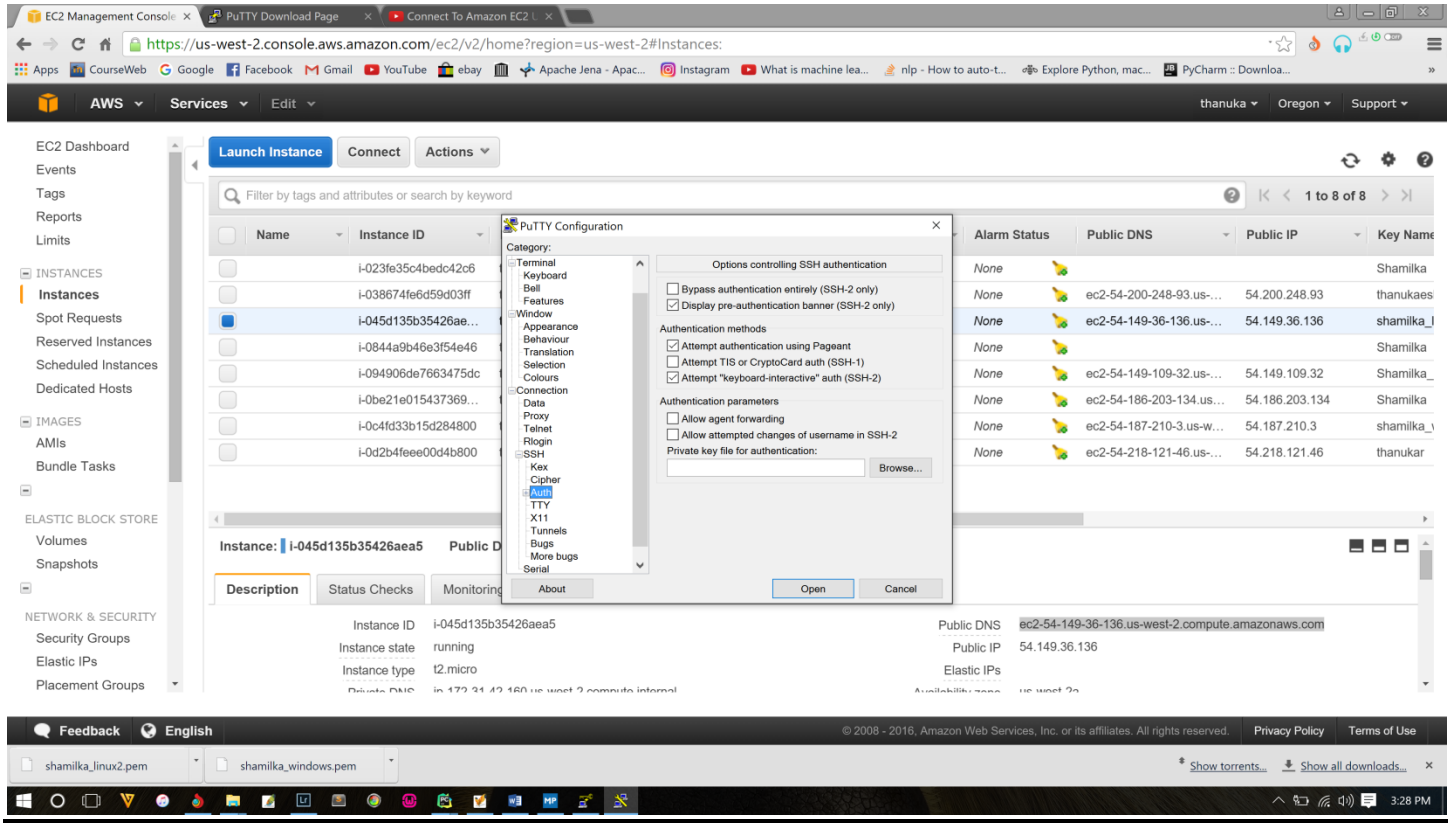


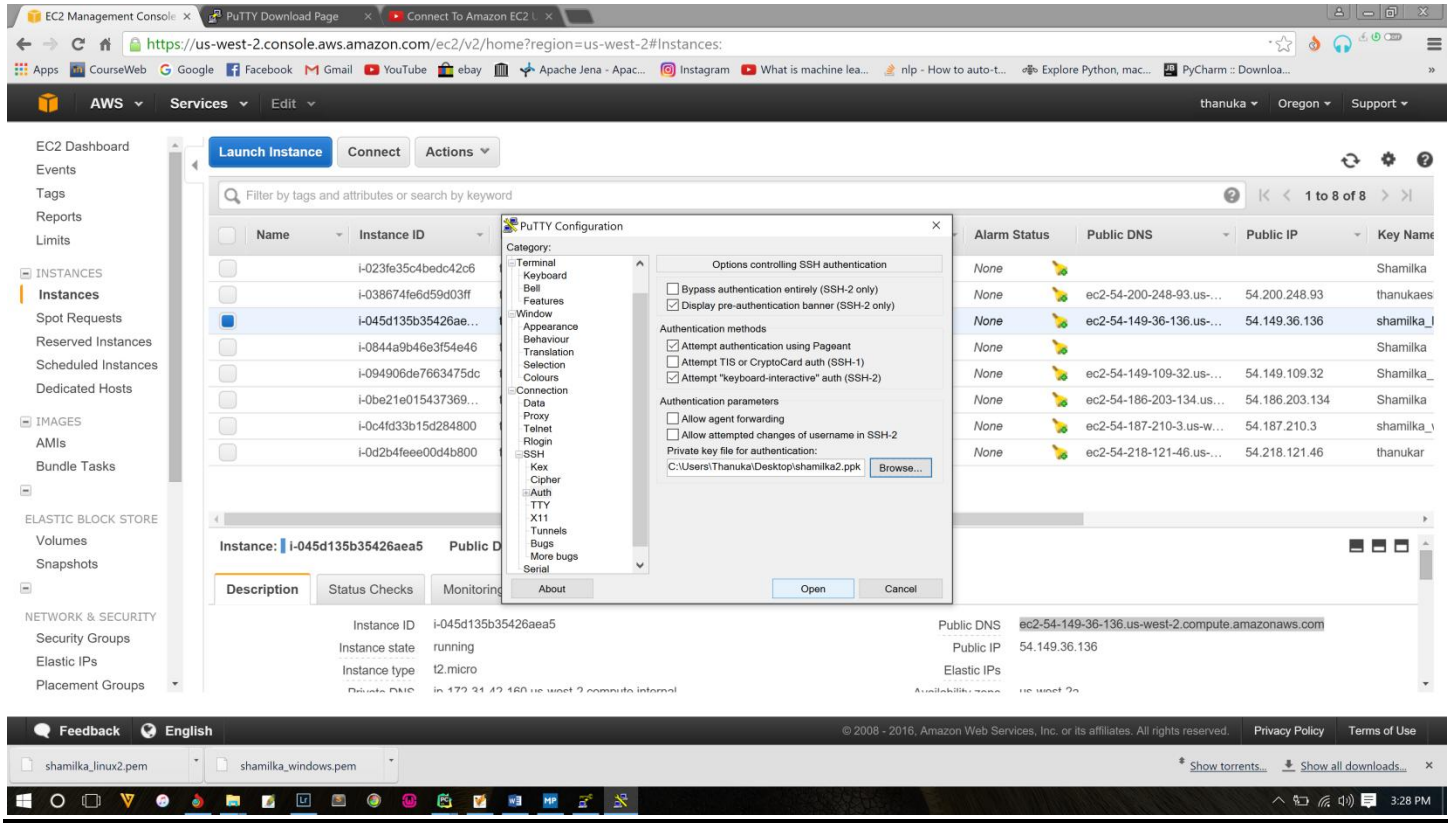


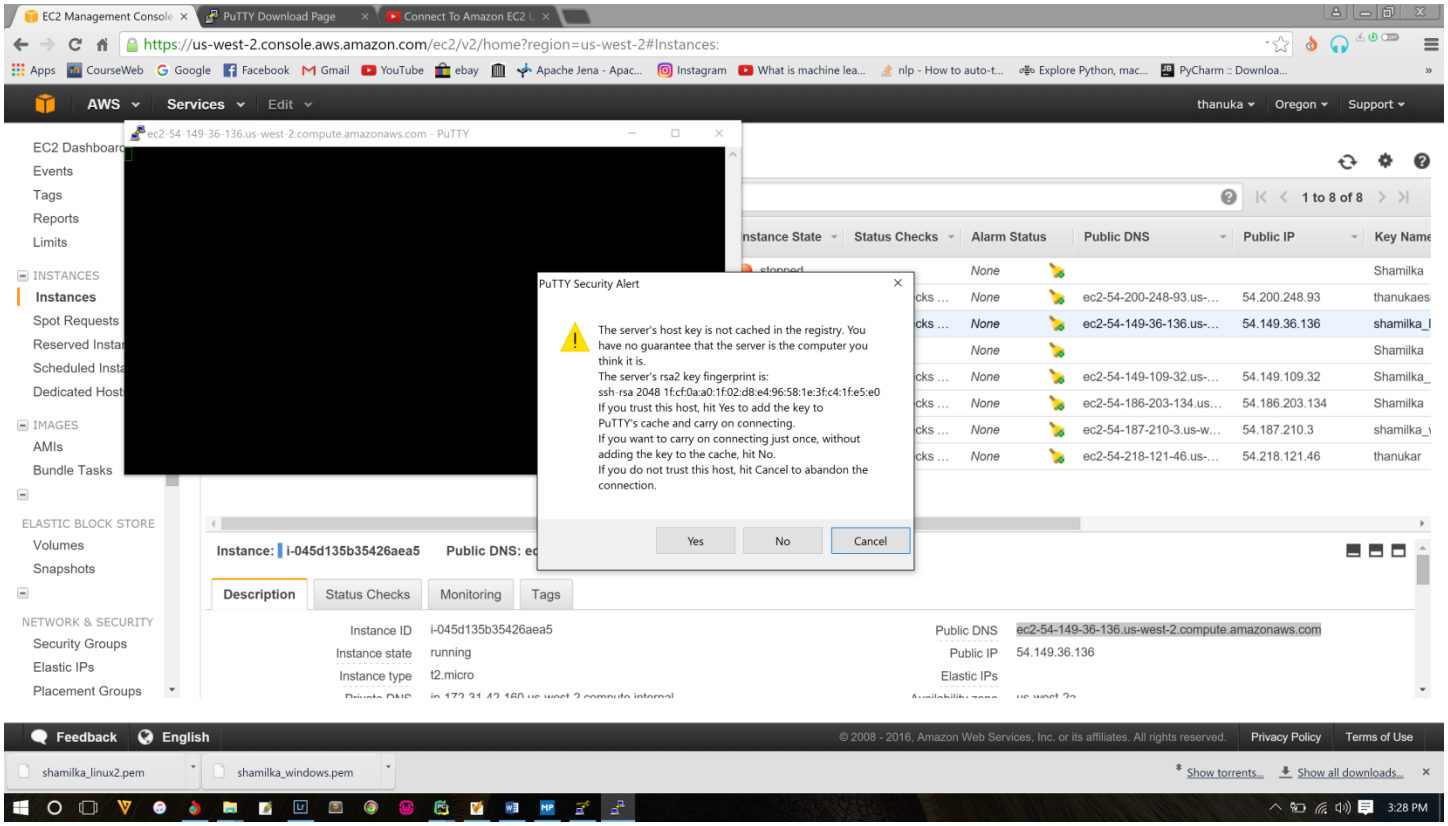
Step7: Open PUTTY Configuration. Go to Connection category for SSH authentication.



Step8: Go back to Session category in PUTTY Configuration. Copy the Public DNS of created instance and paste it under Host Name.




EC2 Management Console
PuTTY Download Page
Connect To Amazon EC2
https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:
AWS
Services
Edit
thanuka
Oregon
Support
Launch Instance
Connect
Actions
PuTTY Configuration
Category:
Options controlling SSH authentication
Bypass authentication entirely (SSH-2 only)
Display pre-authentication banner (SSH-2 only)
Authentication methods
Attempt authentication using Pageant
Attempt TIS or CryptoCard auth (SSH-1)
Attempt "keyboard-interactive" auth (SSH-2)
Authentication parameters
Allow agent forwarding
Allow attempted changes of username in SSH-2
Private key file for authentication:
C:\Users\Thanuka\Desktop\shamilka2.ppk
Browse...
About
Open
Cancel
Description
Status Checks
Monitoring
Feedback
English
© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
shamilka_linux2.pem
shamilka_windows.pem
Show torrents...
Show all downloads...
3:28 PM


EC2 Management Console
PuTTY Download Page
Connect To Amazon EC2
https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Instances:
AWS
Services
Edit
thanuka
Oregon
Support
ec2-54-149-36-136.us-west-2.compute.amazonaws.com - PuTTY
PuTTY Security Alert
The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.
The server's rsa2 key fingerprint is:
ssh-rsa 2048 1f:cf:0a:a0:1f:02:d8:e4:96:58:1e:3f:c4:1f:e5:e0
If you trust this host, hit Yes to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, hit No.
If you do not trust this host, hit Cancel to abandon the connection.
Yes
No
Cancel
Description
Status Checks
Monitoring
Tags
Feedback
English
© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
shamilka_linux2.pem
shamilka_windows.pem
Show torrents...
Show all downloads...
3:28 PM

Step9:Log in to Linux by giving user name in the kernel. Type some Linux commands to check.