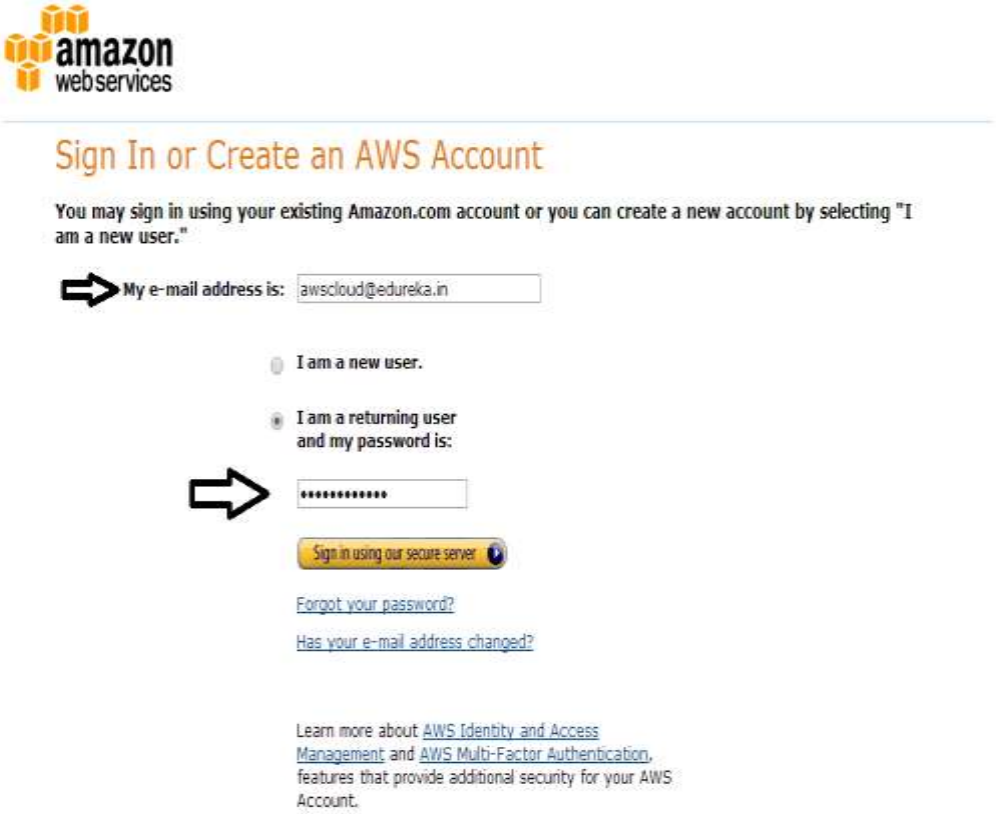
How-to Create a New EC2 Instance Key Pair

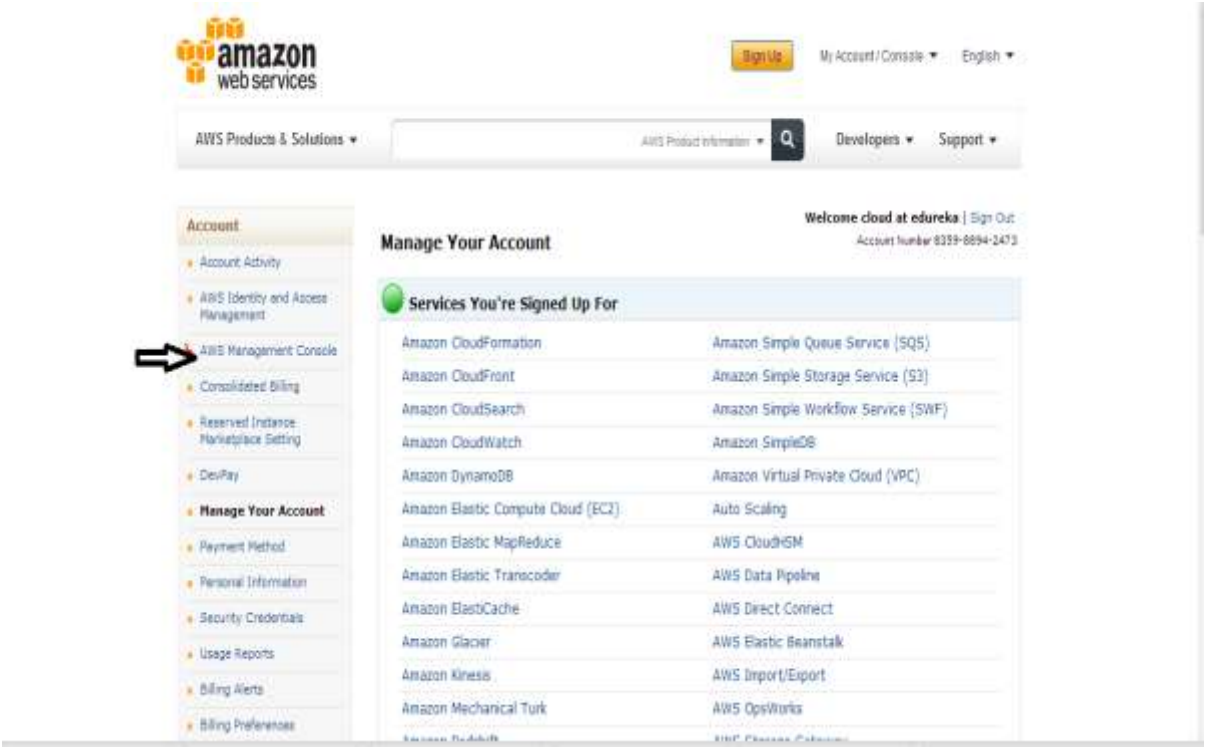
1. Use the below URL for login to AWS account.

http://aws.amazon.com/

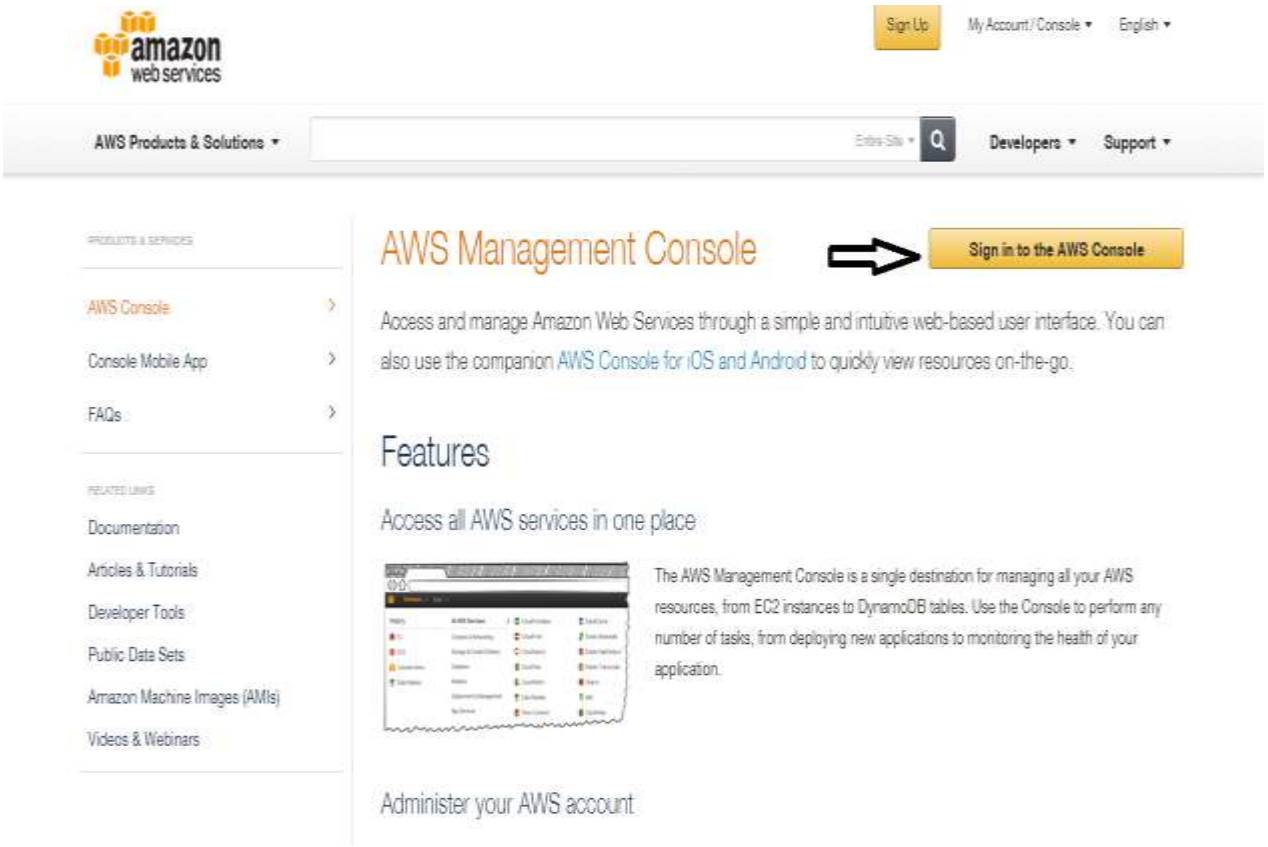
2. Login to your AWS account.

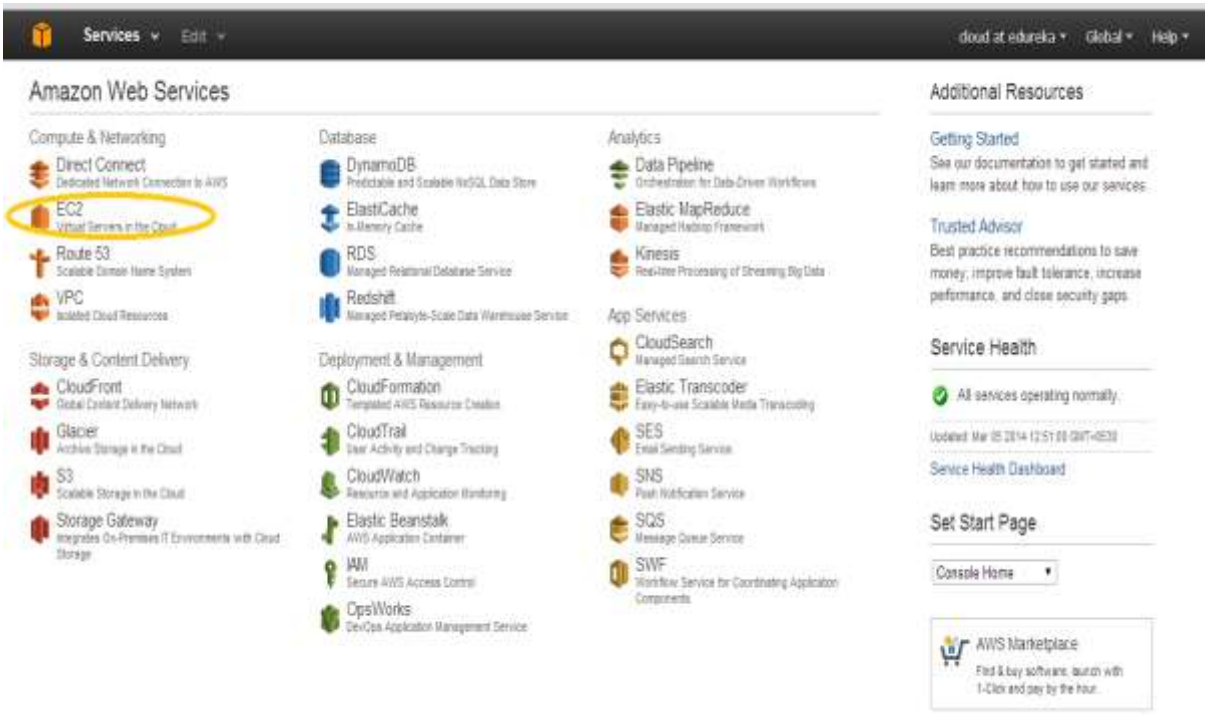


3. Go to AWS Management console:-



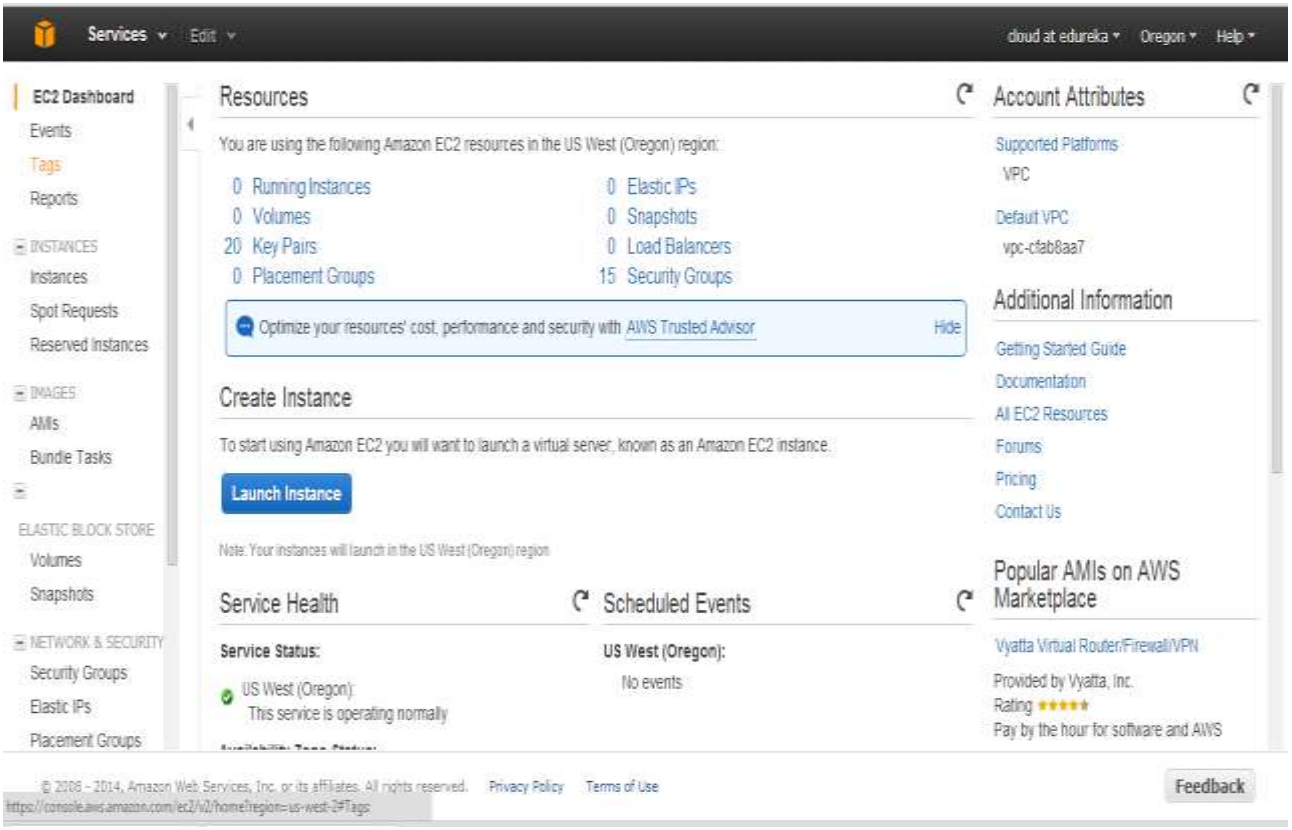
4. Go to AWS console.





5. Select EC2 from above mentioned services.

3. Select any of the regions from the left hand side drop down. E.g. we have selected ‘US-West (Oregon)’.



3. It will list summary of all EC2 activities like number of running instances, EBS volumes, ElasticIPs etc.

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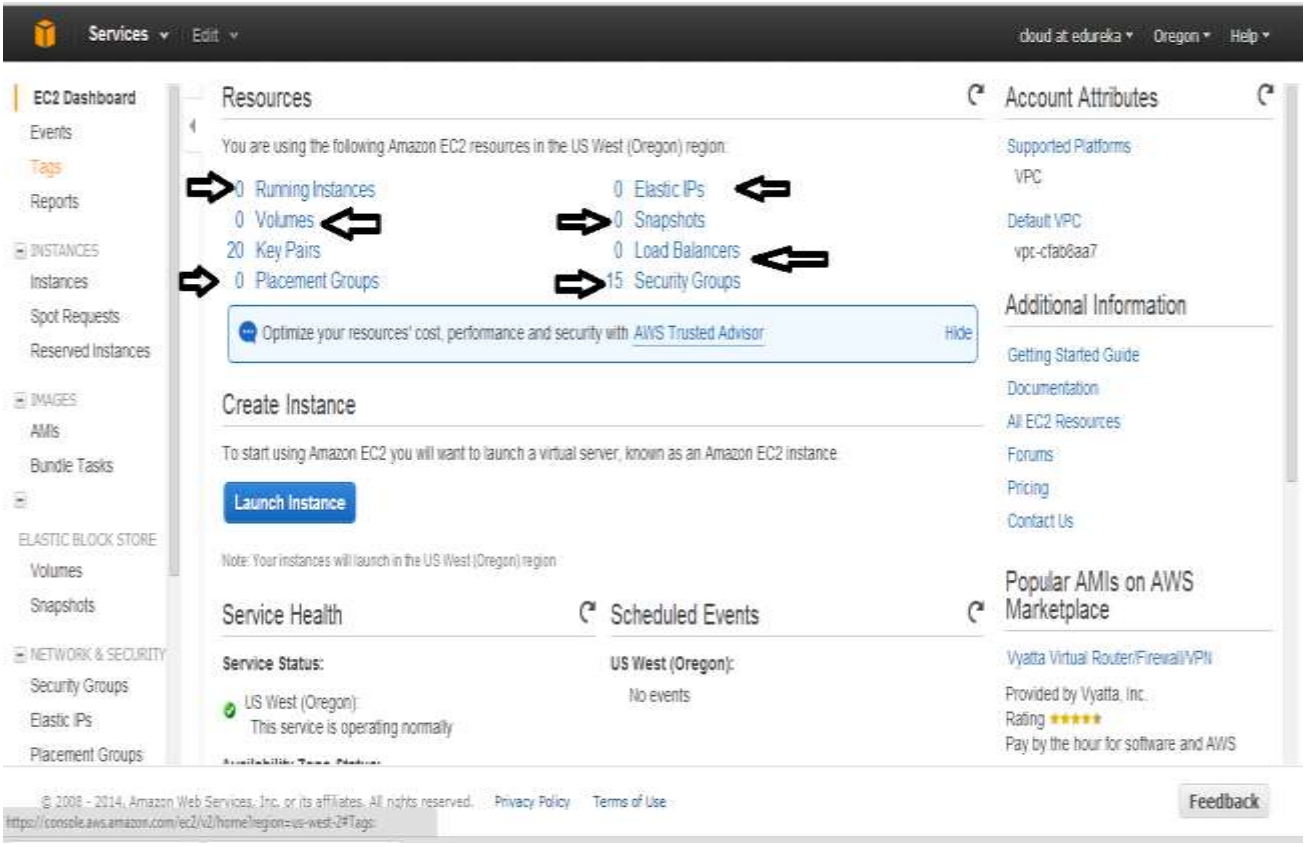
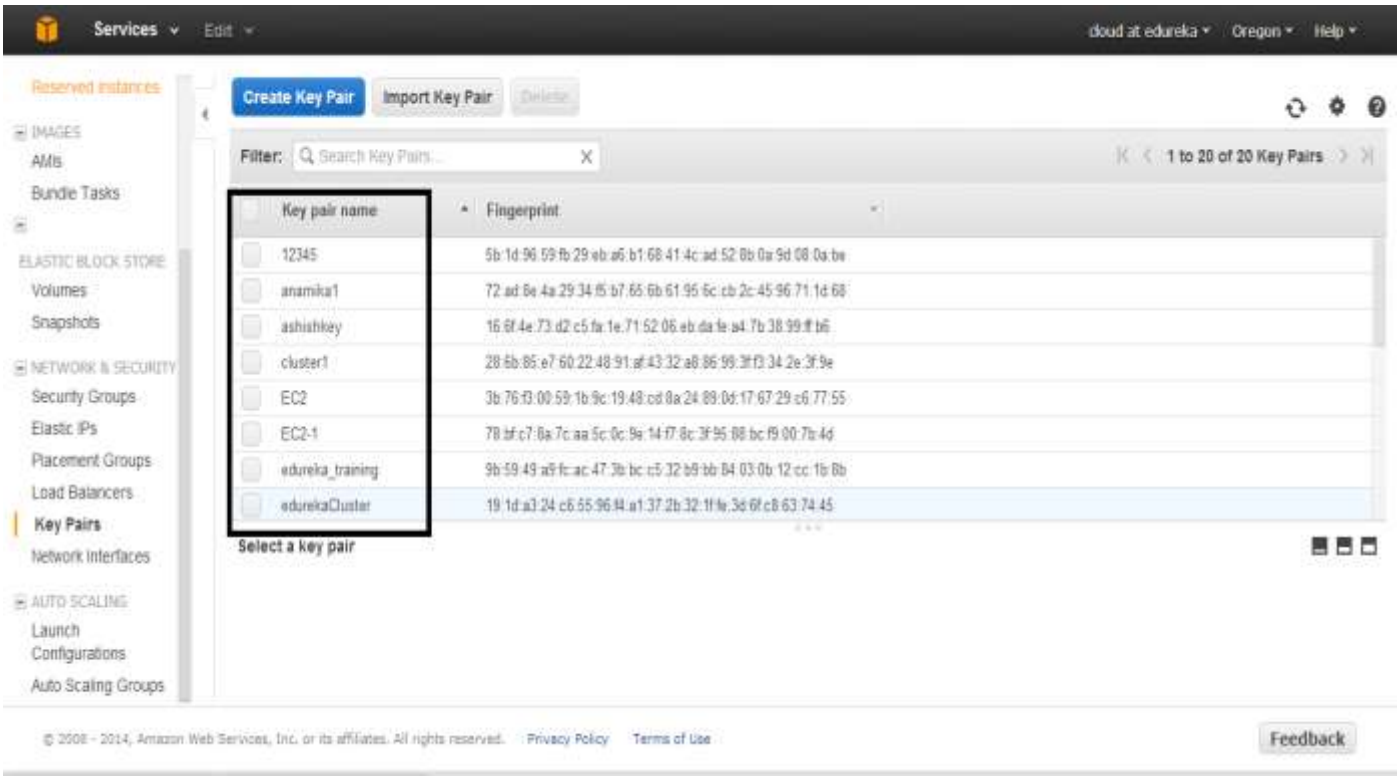
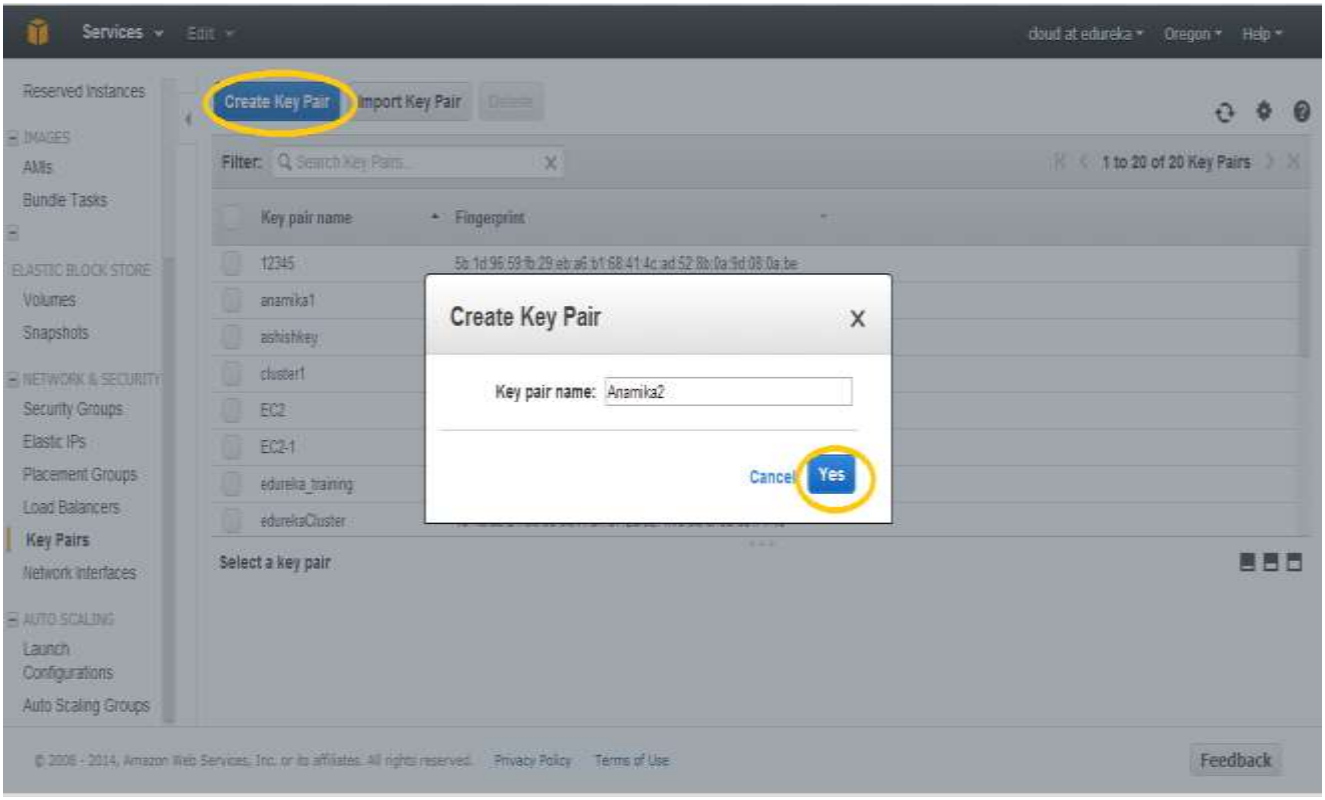


4. Select “Key Pairs” from left menu. (EC2 Dashboard). Here will appear all your AWS existing key pairs.

If none click to create the first.

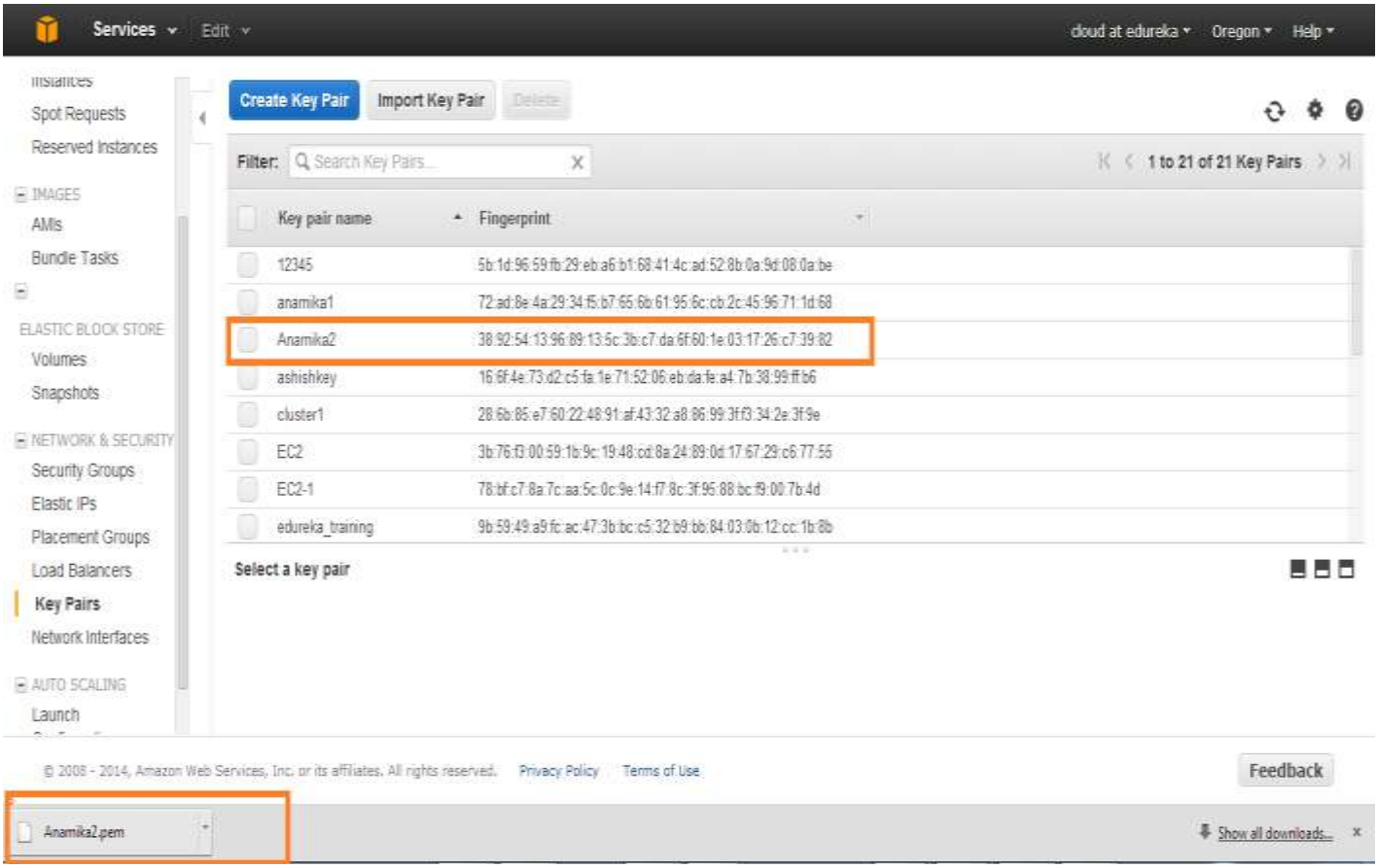


5. Click on ‘Create Key Pair’ button. Enter the logical name of key pair you want to create.



6. Press the ‘Yes’ button.

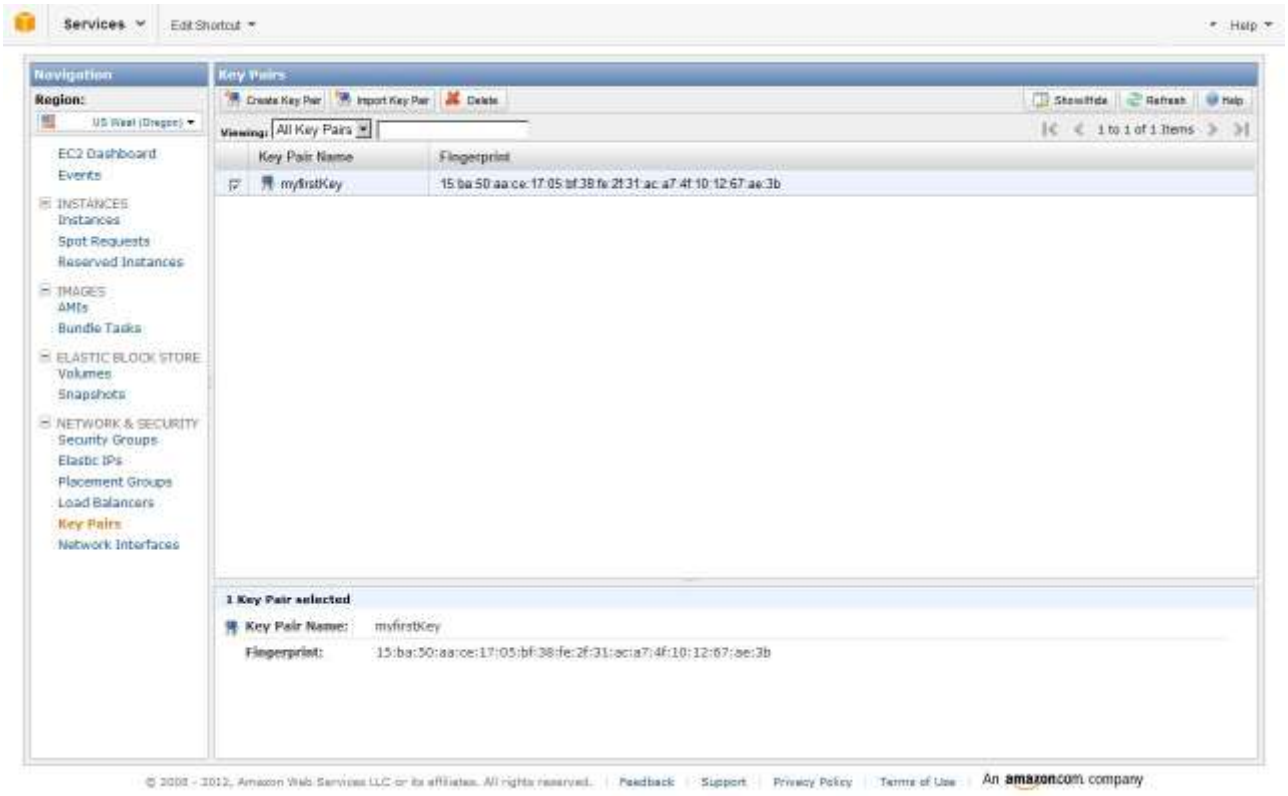
7. AWS will create a new key-pair with name ‘Anamika2’ and it will ask you to download the newly generated private key file (here Anamika2.pem).



NOTE:

1. *If you lose the key you will never be able to get it back.*
2. *If you have launched an instance with a key pair and by mistake you lost the key, you will not be able to login to the same instance using same key.*

9. Once key is saved, it will show the below screen in AWS console with key info.



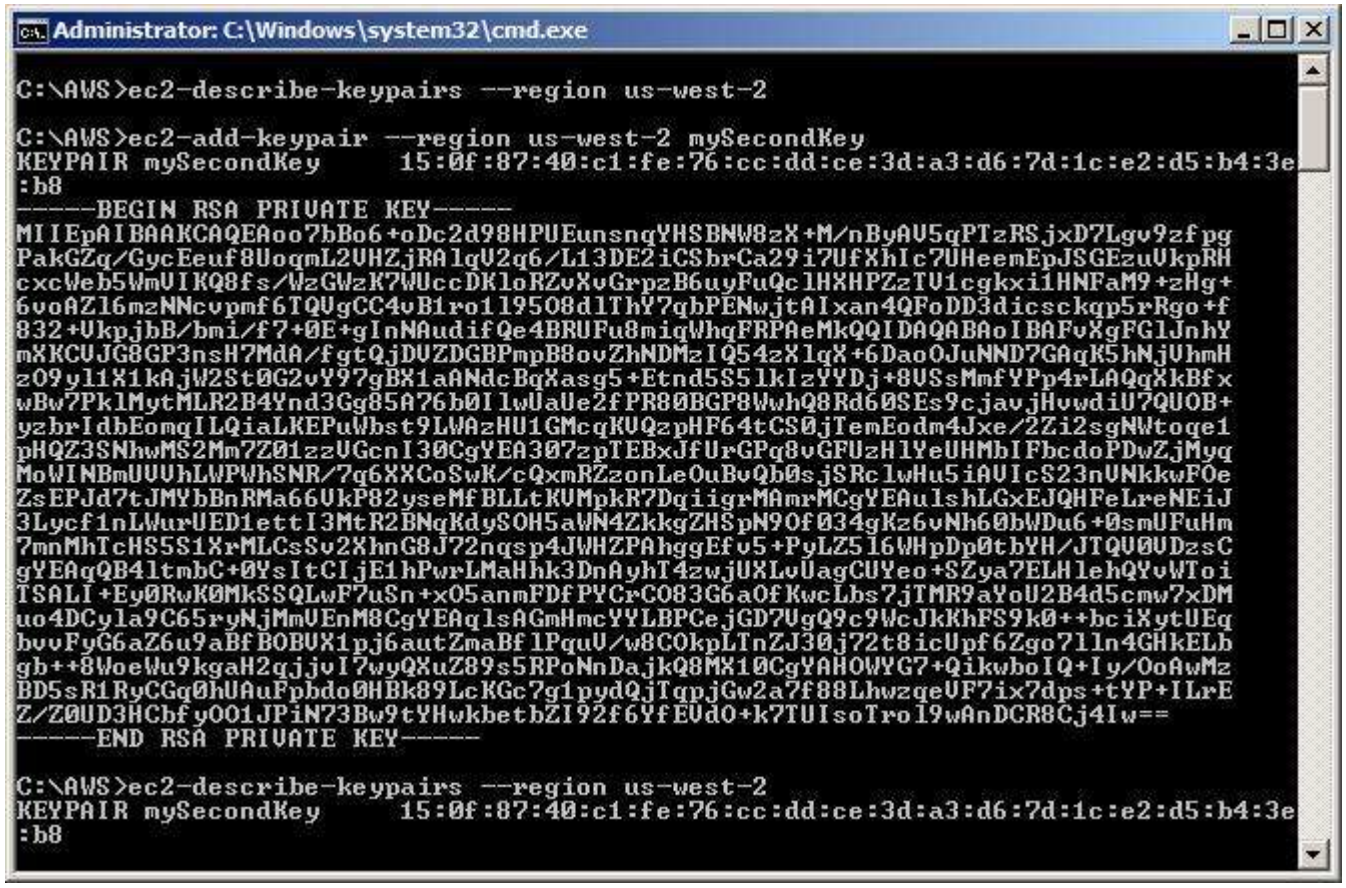
10. As shown above you have created the key-pair file which can be used when you want to make secure instance launch.

Create new key pair bythe AWS command line API:

1. The command to list all the key-pair is **ec2-describe-keypairs**.

2. For more options or help use **ec2-describe-keypairs -h**.

3. Use **ec2-add-keypair** to add new key pair. You will get the following output:



11. Copy all the content from ‘BEGIN RSA PRIVATE KEY till END RSA PRIVATE KEY’ including both lines and copy to some text file.

12. Save that file as mySecondKey.pem.

13. This will work as your .pem file when you want to use to login to an EC2 instance.