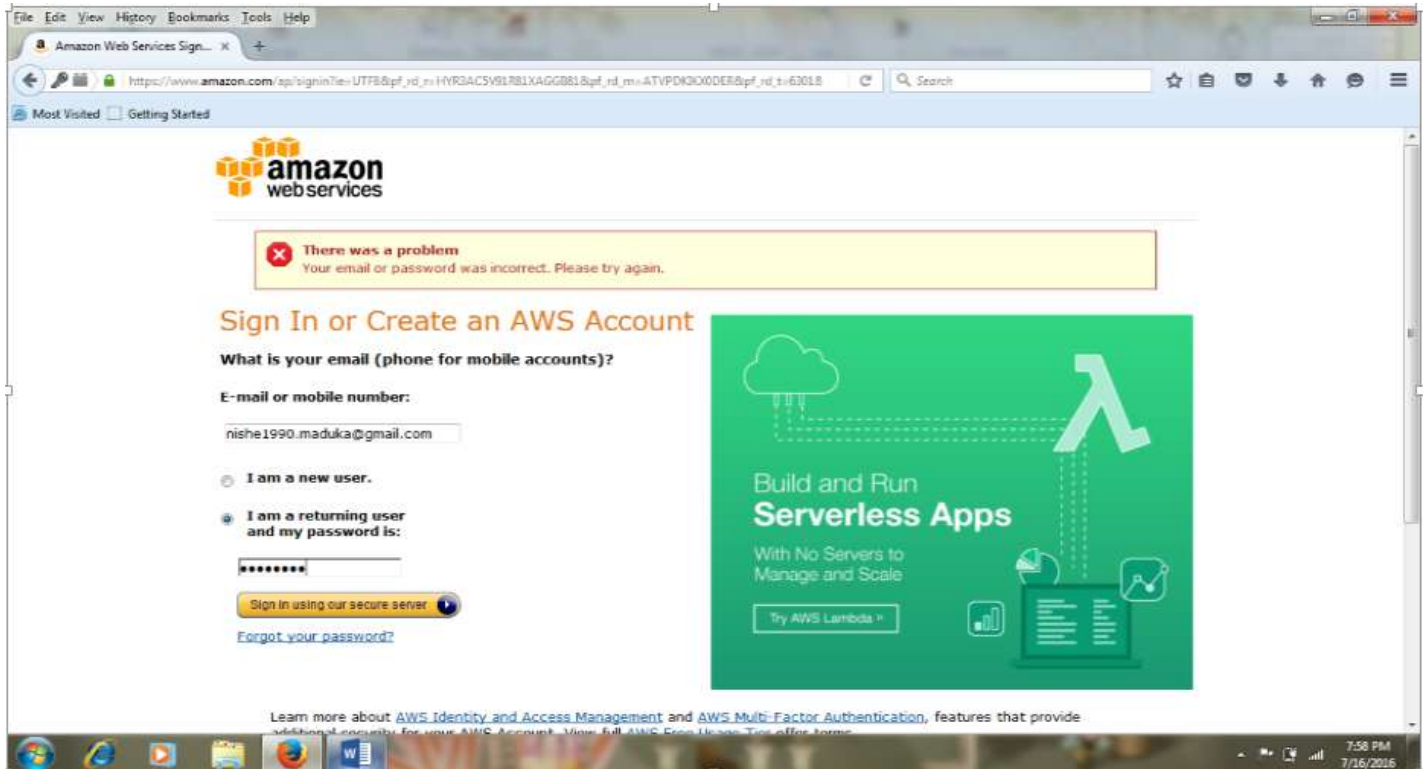
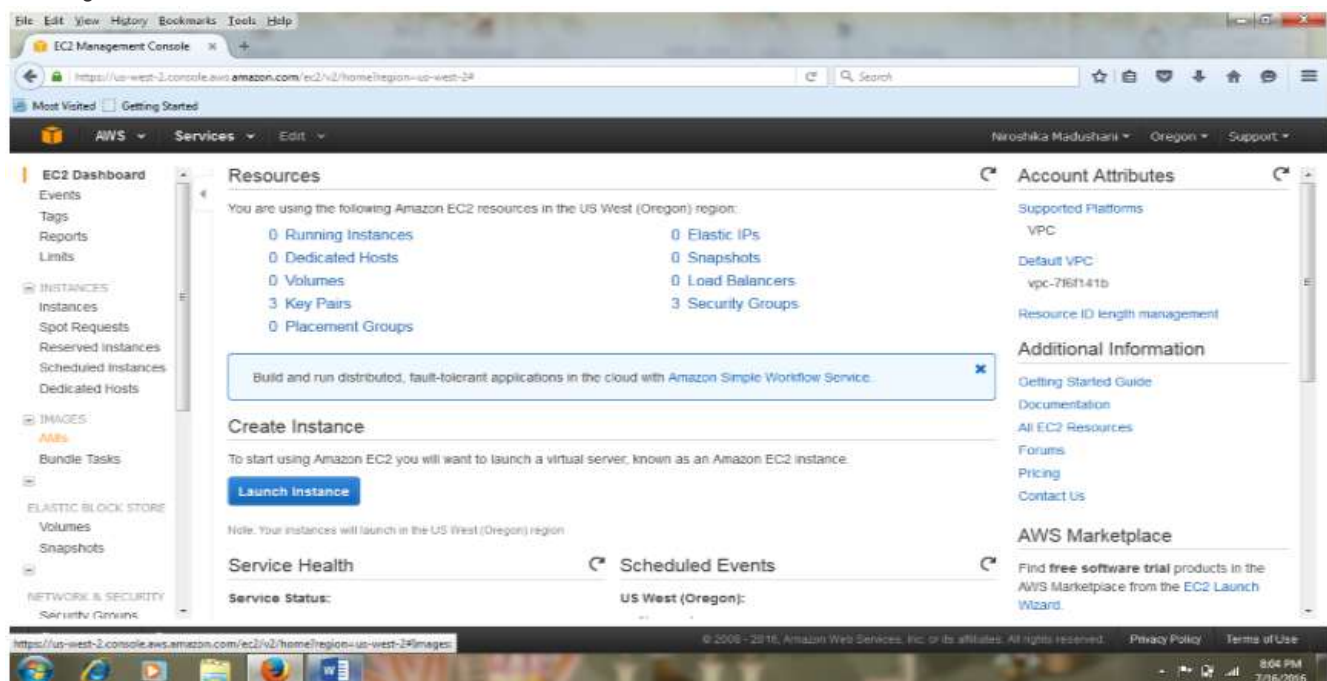


# Creating Windows Instance

## 1 Login to AWS Amazon Account



## 2 Getting started with Amazon Windows instance then Click on Launch instance button.



## 3 The choose an Amazon Machine Image page display a list of basic configuration.select the Microsoft Windows Server 2012 R2 Base.this is free



tier eligible.

4 On the Choose an Instance Type page, you can select the hardware configuration of your instance. Select the t2.micro type, which is selected by default. Notice that this instance type is eligible for the free tier.

Step 2: Choose an Instance Type

and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate

Cancel Previous Review and Launch Next: Configure Instance Details



5 On the Review Instance Launch page, choose Launch button to complete the other configuration settings.

6 create a new key pair. Select Create a new key pair, give a name for the key pair, and then choose Download Key Pair. This is the private key file, then download it. Save it in safe place. and then choose Launch Instances.

Step 7: Review Instance Launch

AMI Details: Microsoft Windows Server 2012 R2 Standard

Instance Type: t2.micro

Security Groups: launch-wizard-1

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. [Learn more](#) about removing existing key pairs from a public AMI.

Create a new key pair

Key pair name: niroshika

Download Key Pair

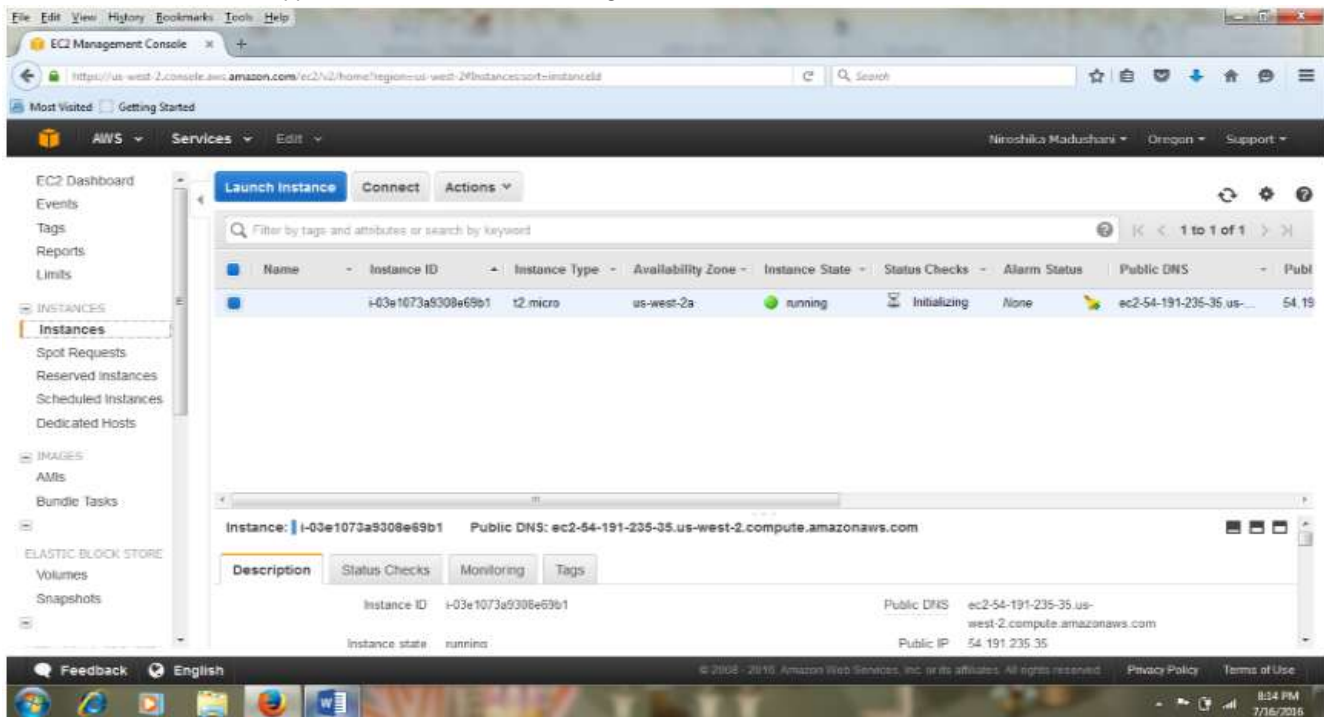
You have to download the private key file (\*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.

Cancel Launch Instances

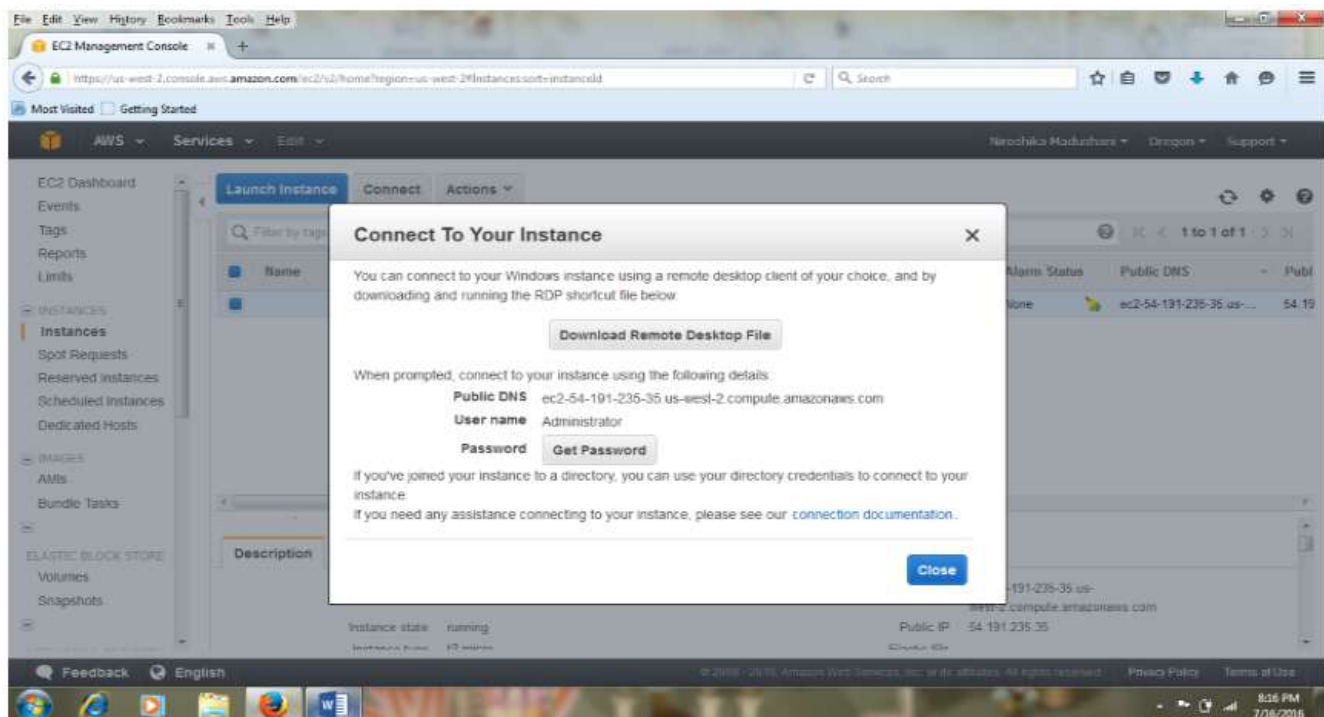
8 Then the launch status will appear.



9 Then the instance details appear. Now the instance is running.



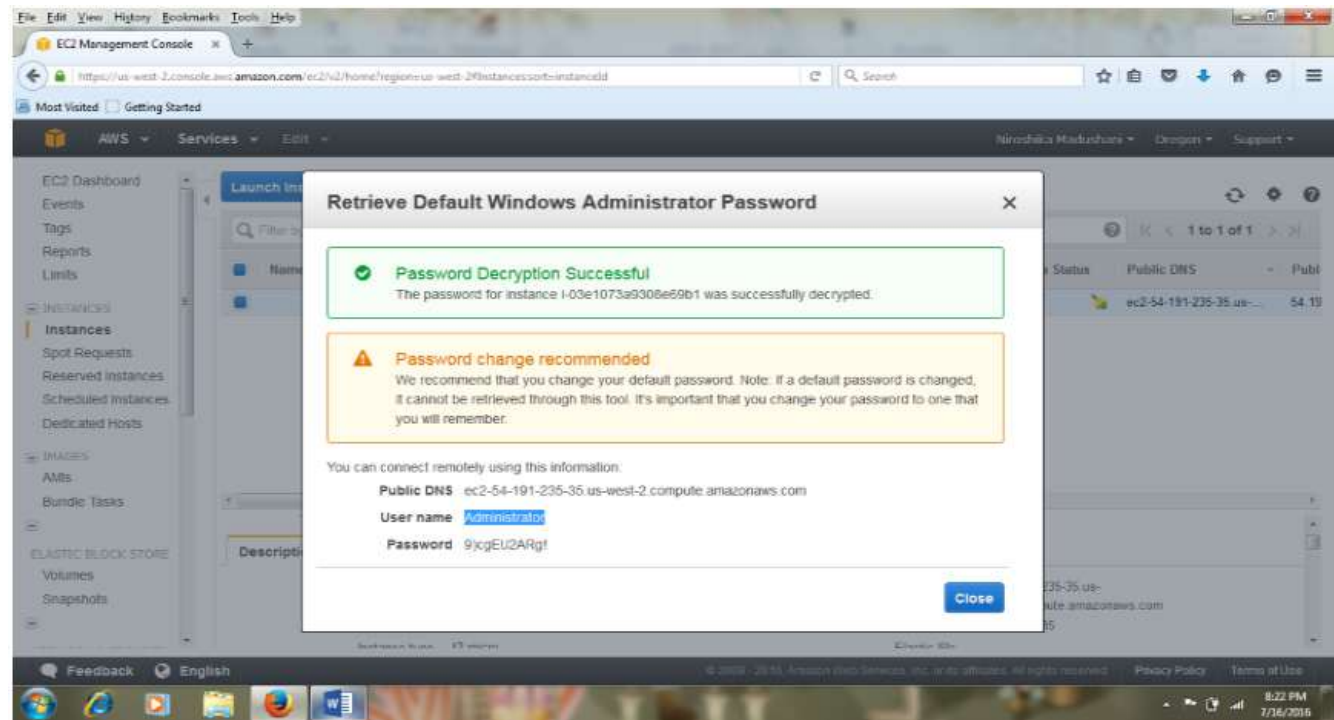
10 Click on the connect button to connect to the instance.





11 After click on the Get Password button.

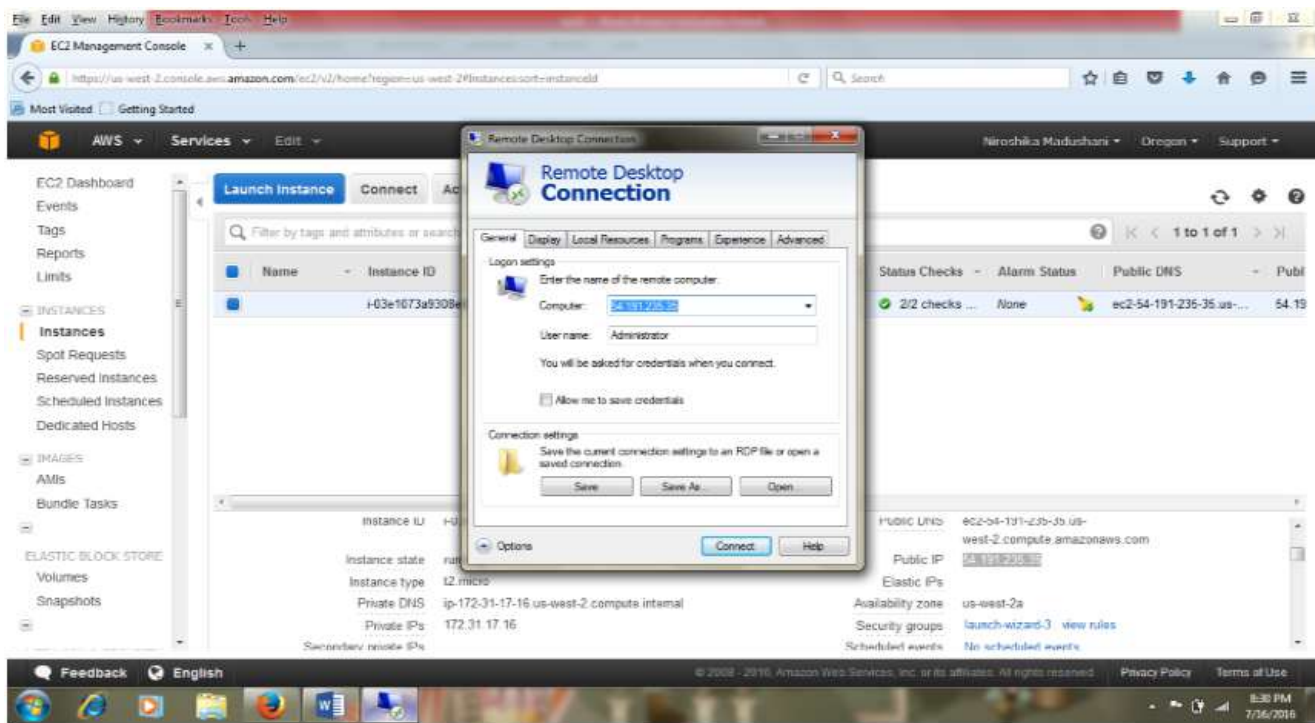
12 choose the downloaded .pem file then decrypt the password and decrypted password appear in the textbox.



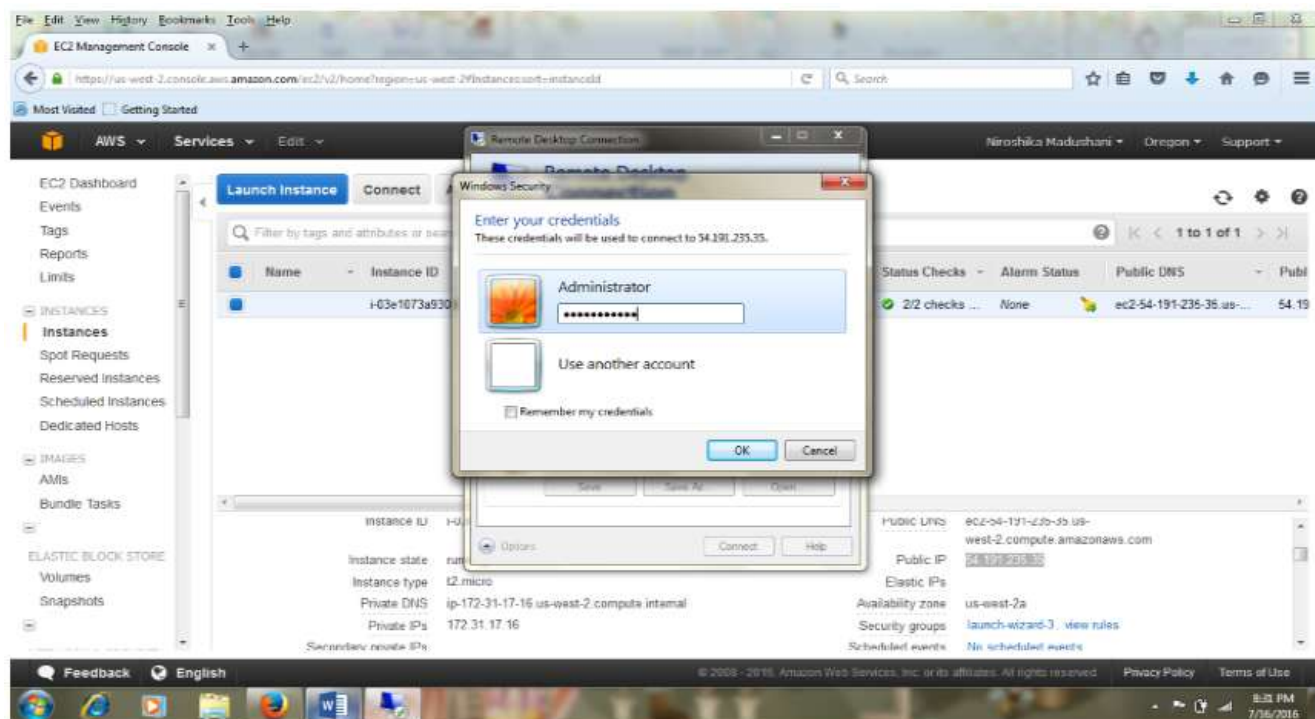
13 Search the Remote Desktop Connection.

14 Give the public IP as the remote computer IP. And click on the Connect button.

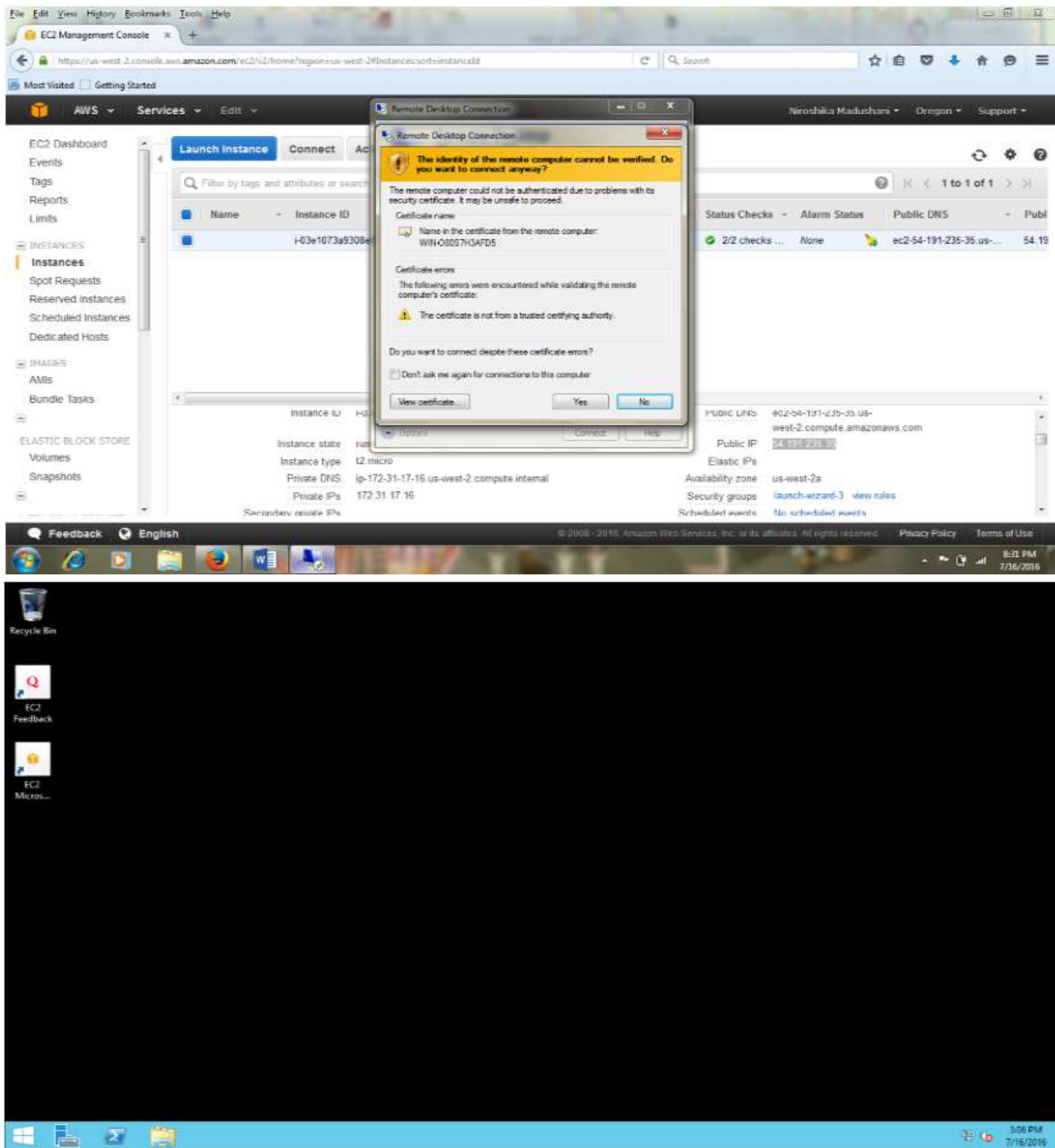




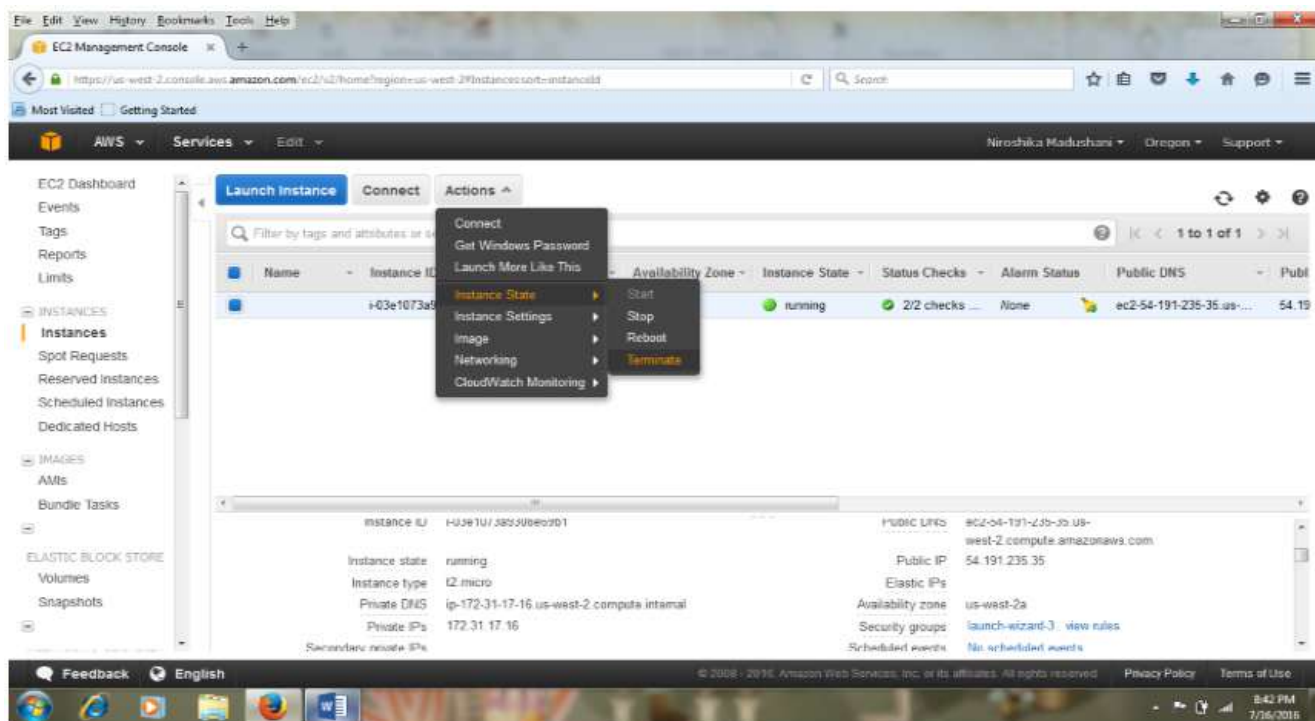
15 Enter the credentials. User name- Administrator, Password- the decrypted password.



16 Click Yes and your windows instance will appear.

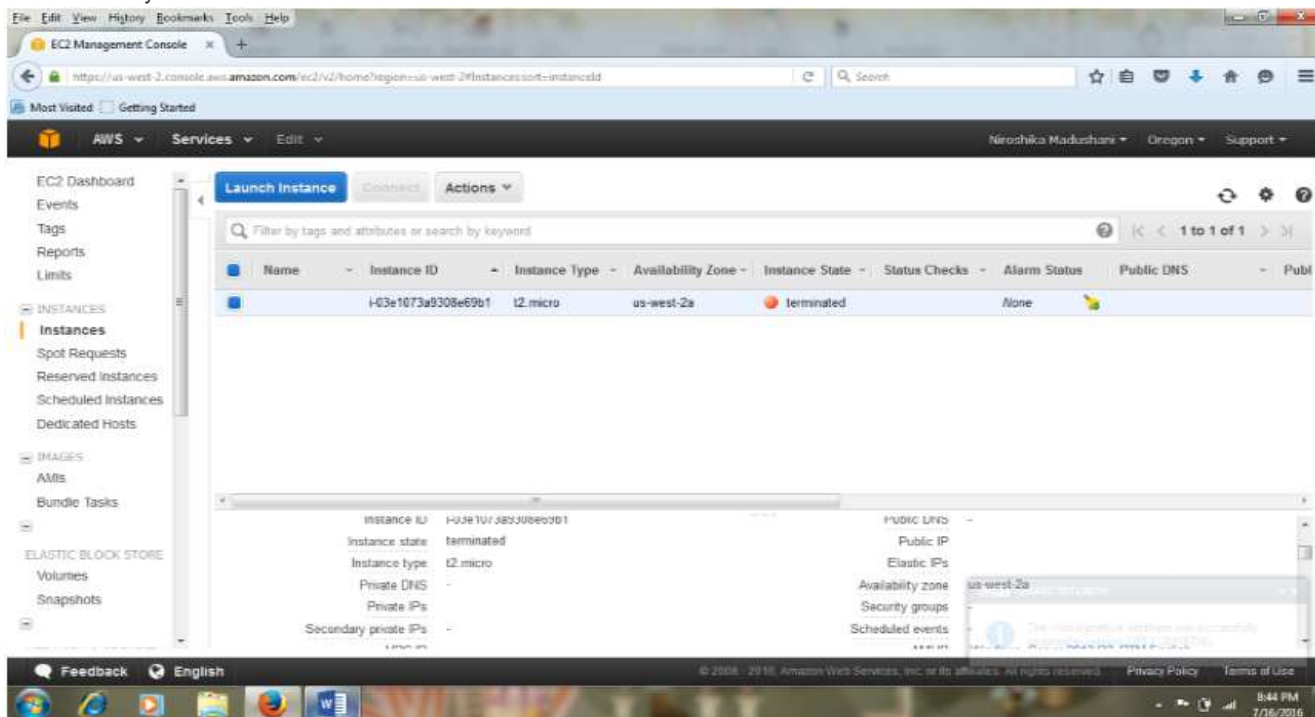


17 To terminate your windows instance Choose Actions, then Instance State, and then choose Terminate.



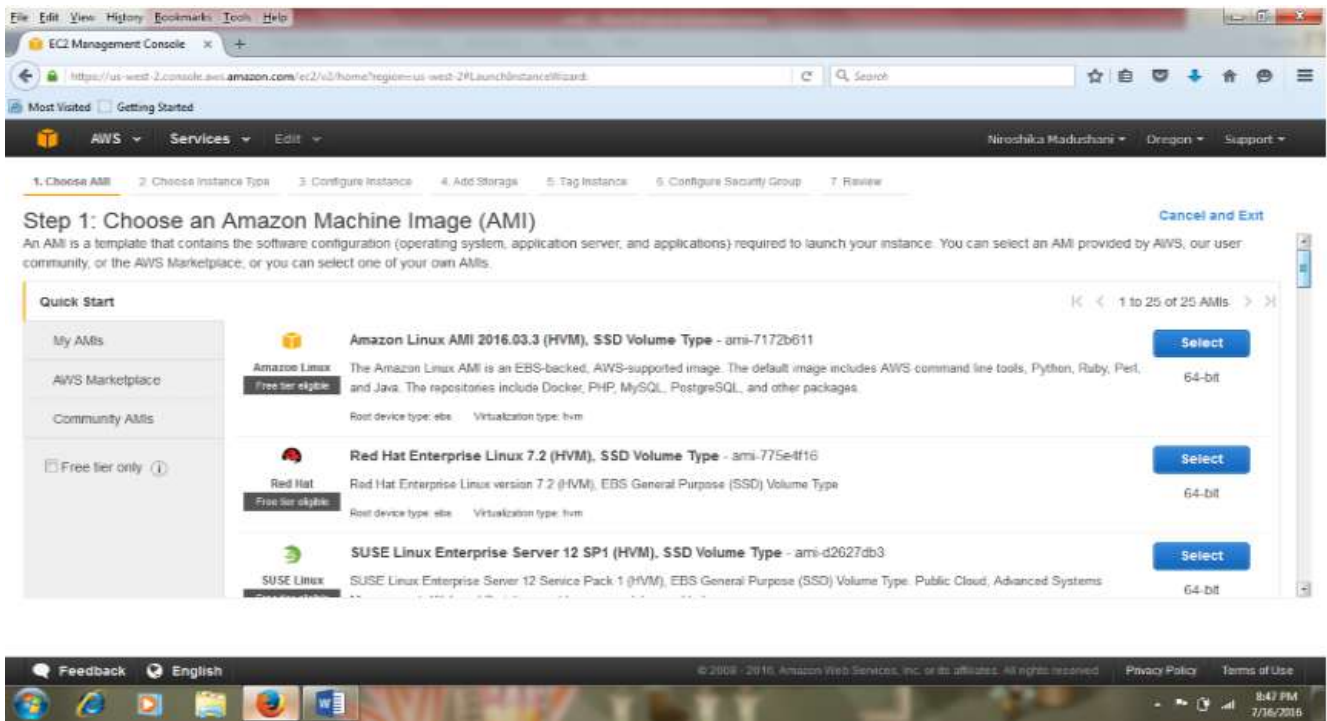
18 Choose Yes, Terminate.

19 terminated your Windows instance

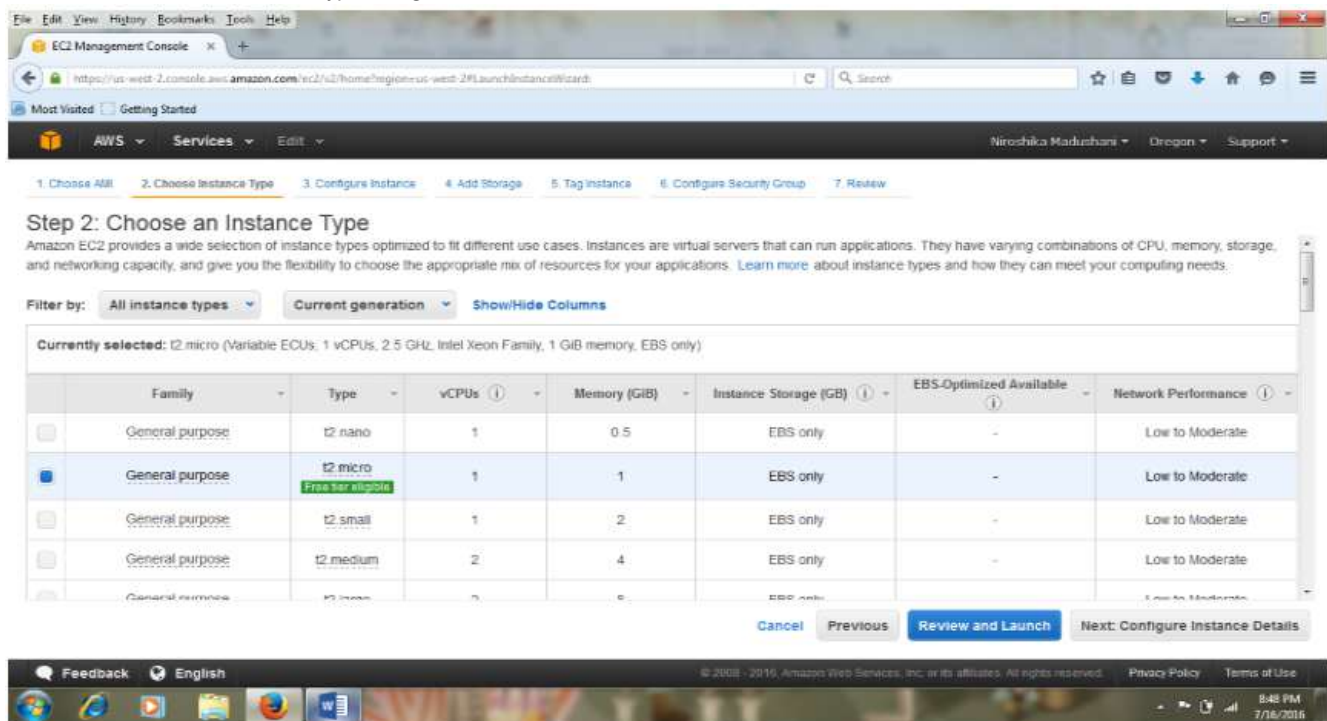


## Creating Linux Instance

1 Launch the instance and The choose an Amazon Machine Image page display a list of basic configuration. Select the Amazon Linux. This is free tier eligible.

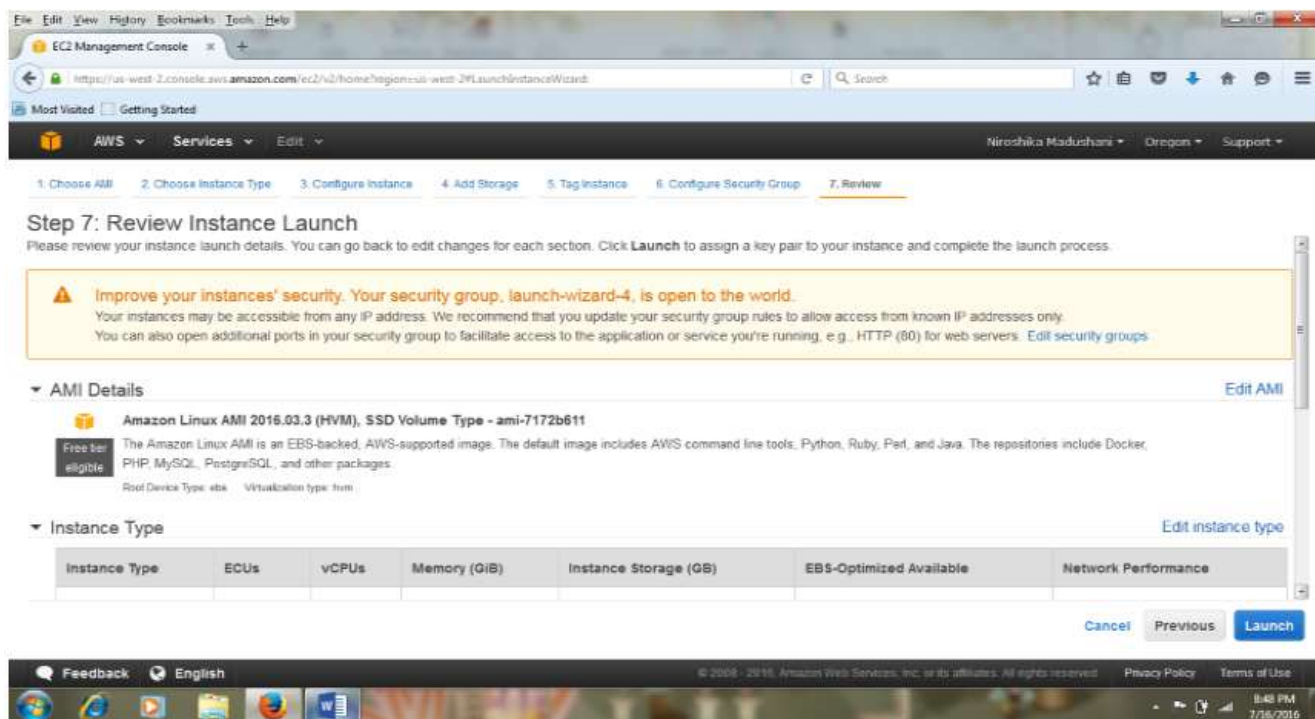


2 On the Choose an Instance Type page, you can select the hardware configuration of your instance. Select the t2.micro type, which is selected by default. Notice that this instance type is eligible for the free tier.

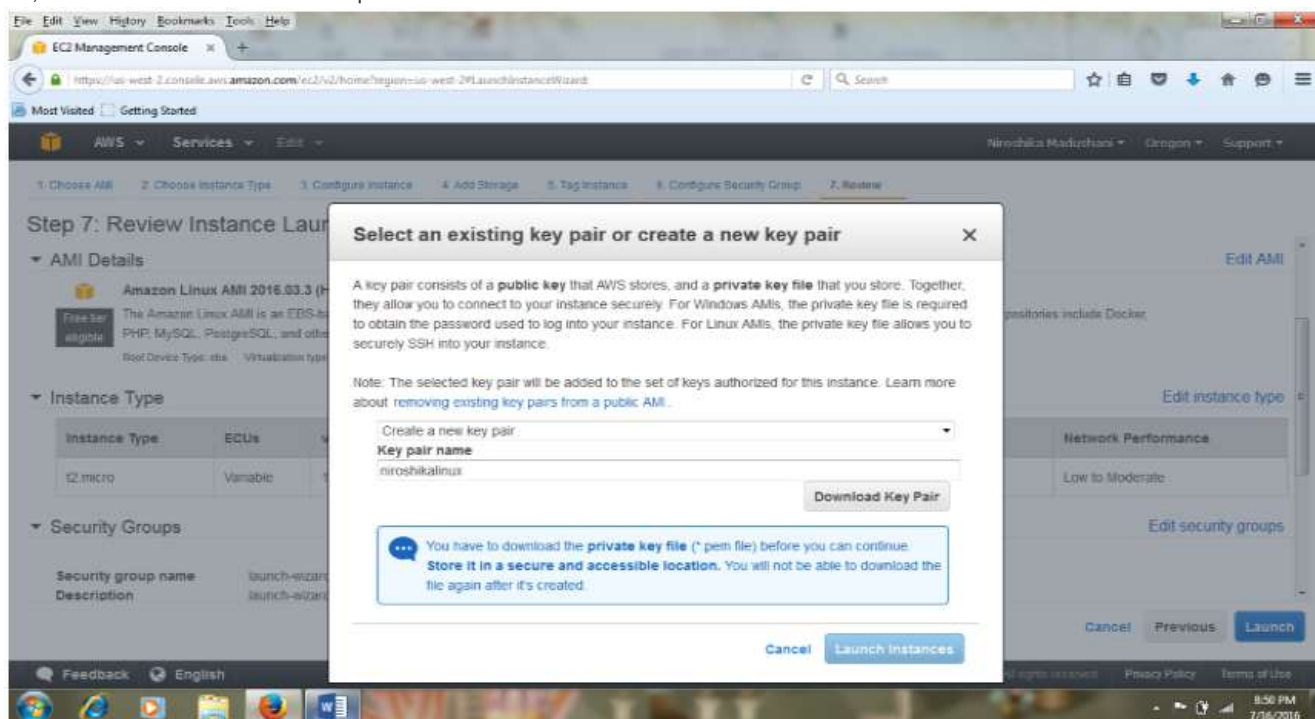


3 On the Review Instance Launch page, choose Launch button to complete the other configuration settings.

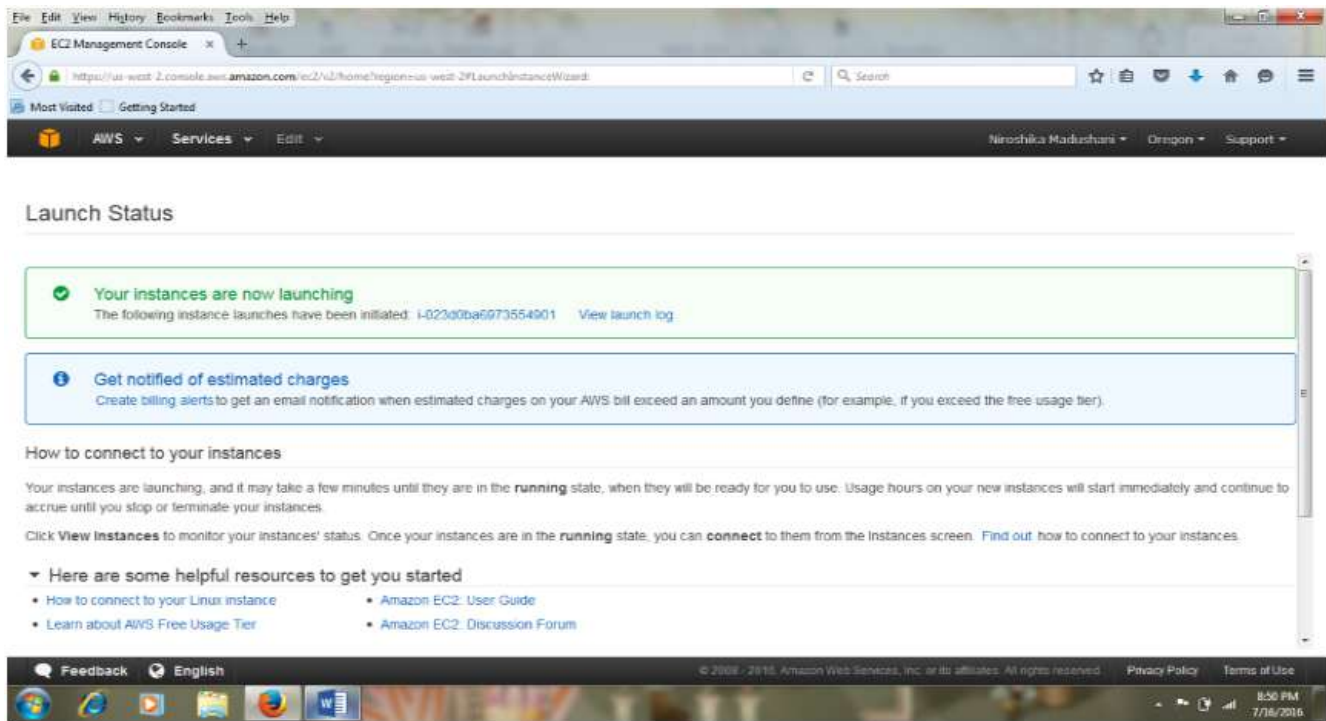




4 create a new key pair. Select Create a new key pair, give a name for the key pair, and then choose Download Key Pair. This is the private key file, then download it. Save it in safe place. And then choose Launch Instances.

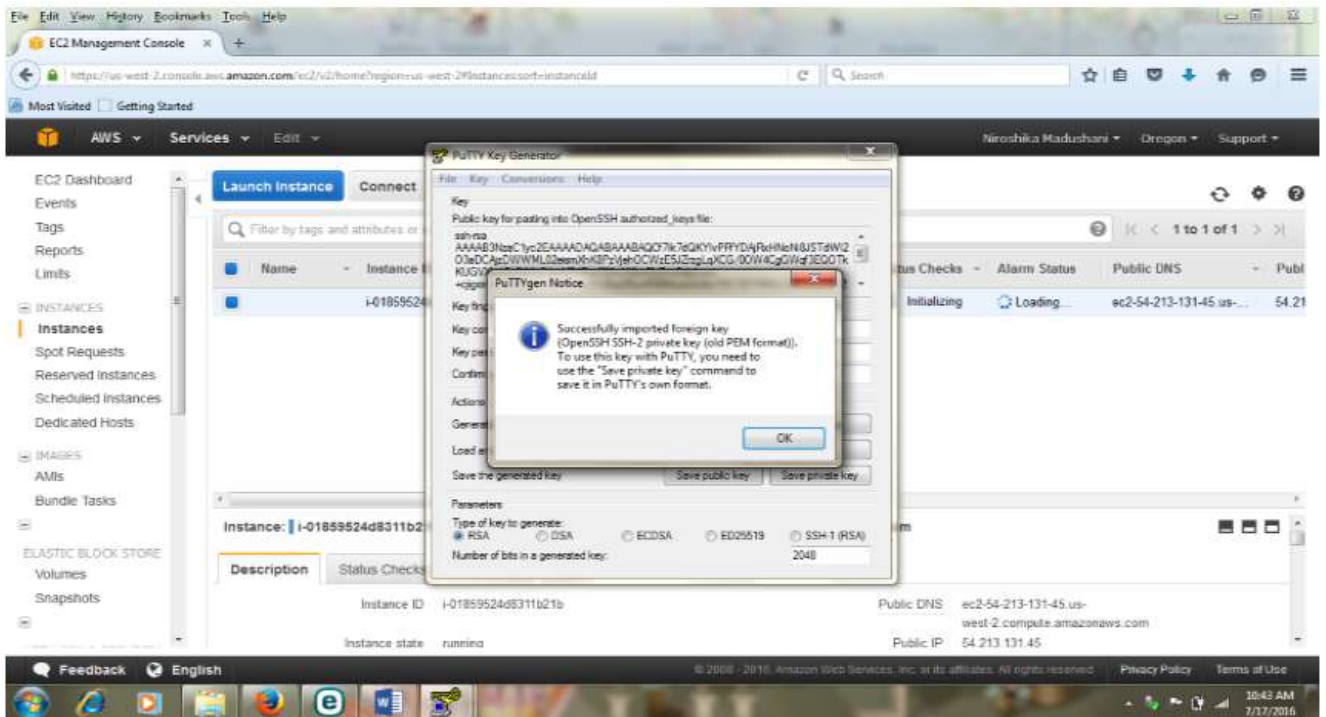


5 Now instances are launch.

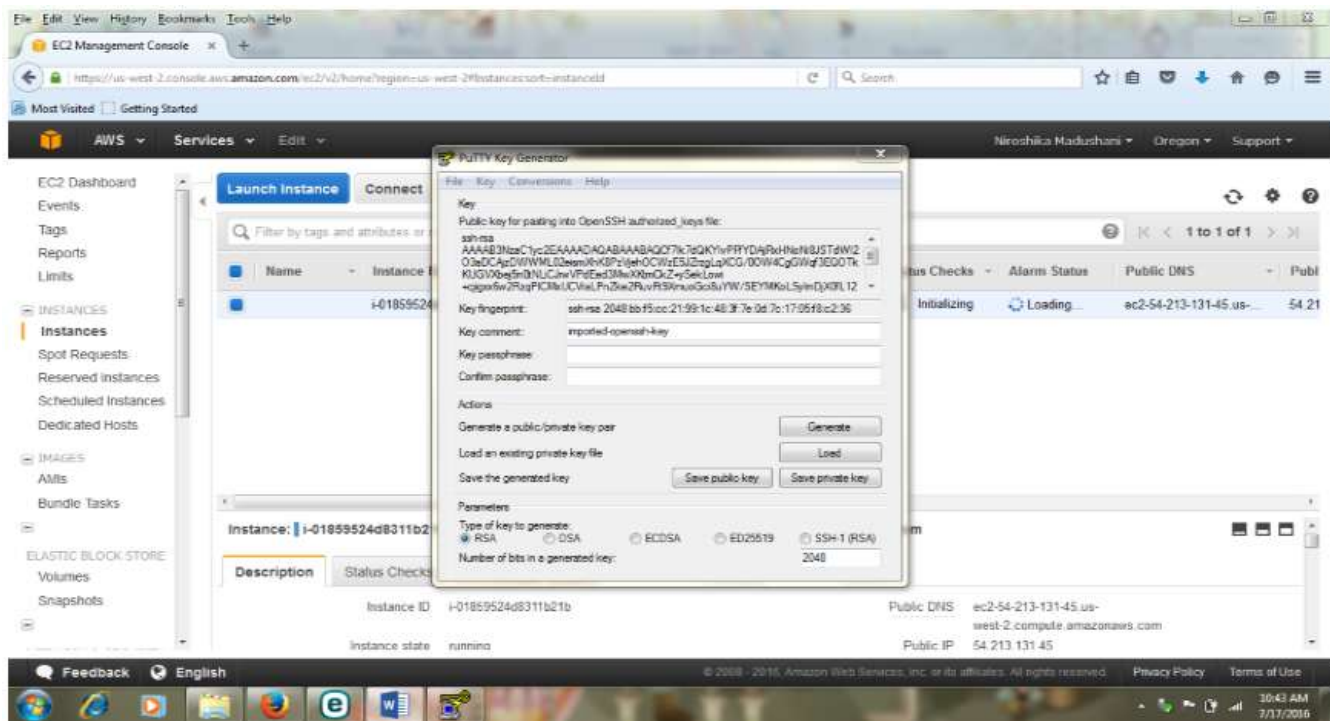


6 When you launch an instance states is running and it receives a Public DNS.

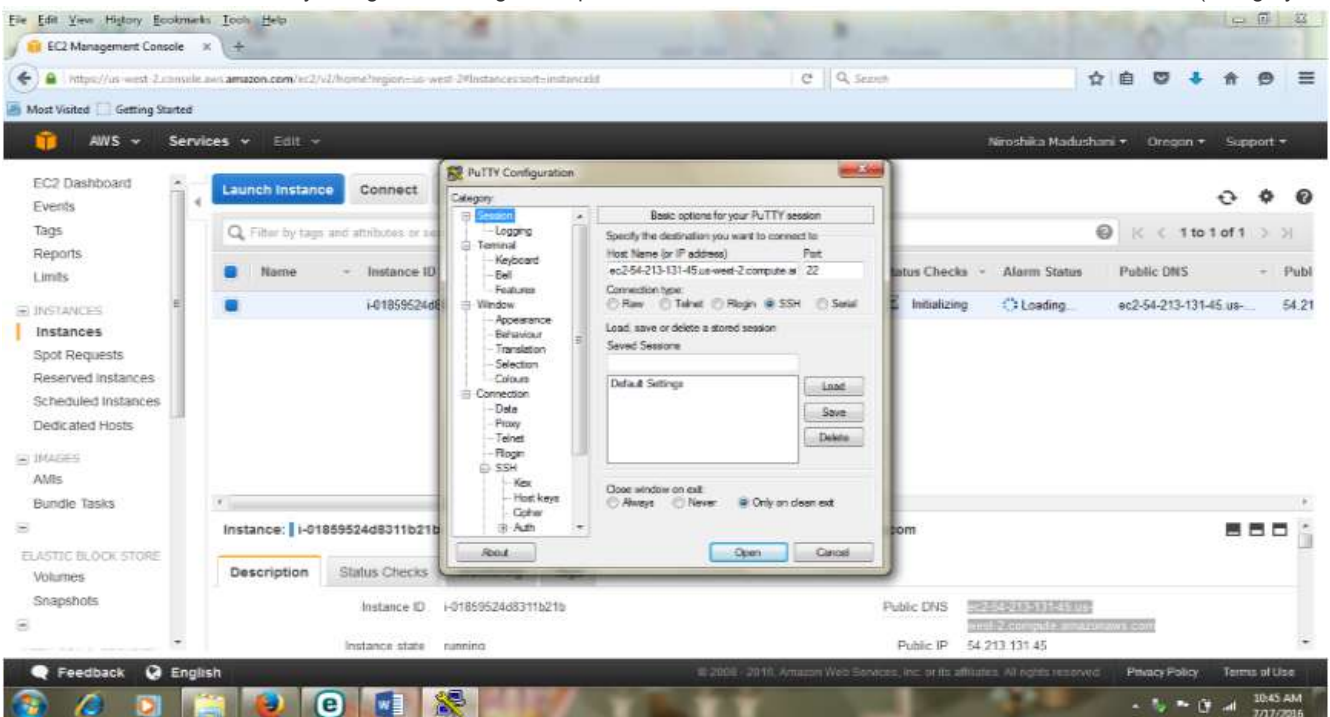
7 Download the Putty and Putty gen, Double click on the Putty gen. this dialog will appear. Generate the private key



8 after that click the load button and load the downloaded private key (.ppk) and click save private key.



9 Then double click on the Putty configuration and give the public DNS as the host name. And create a session and save it. (Category->session)

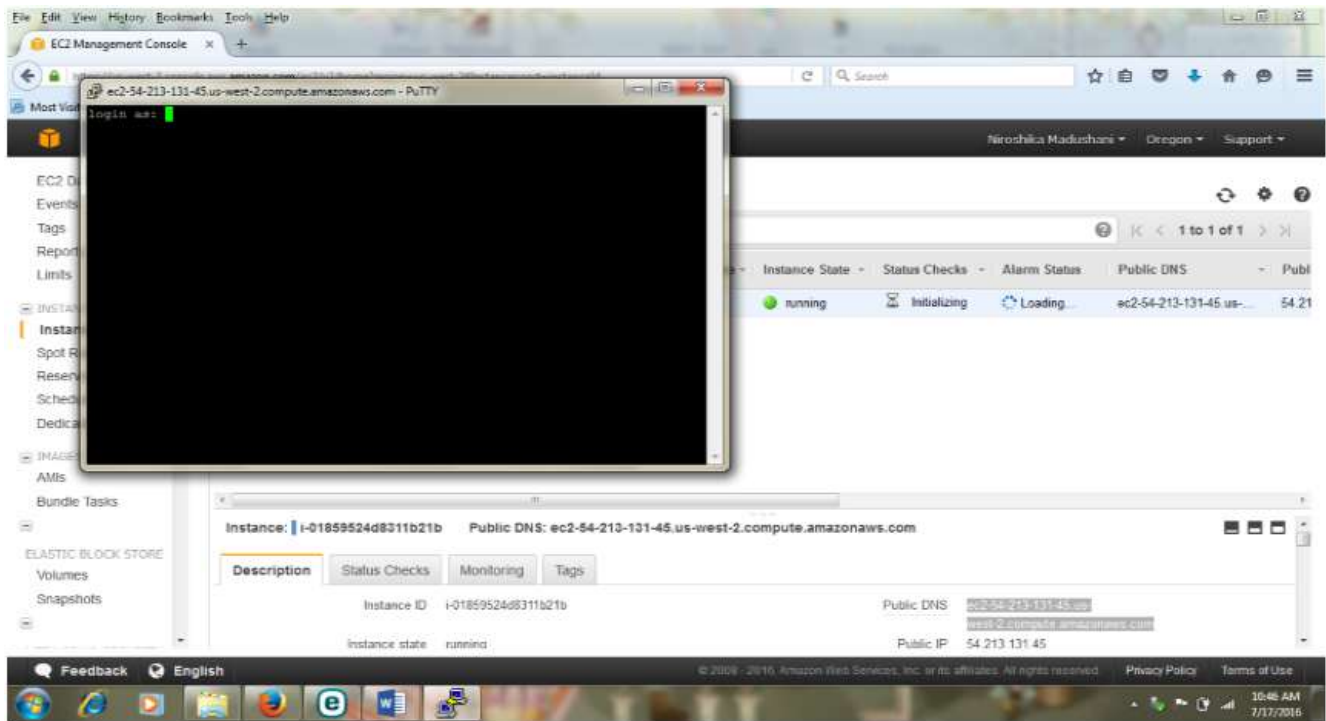


10 (category->connection->SSH->Auth) then open and brows the .pem file

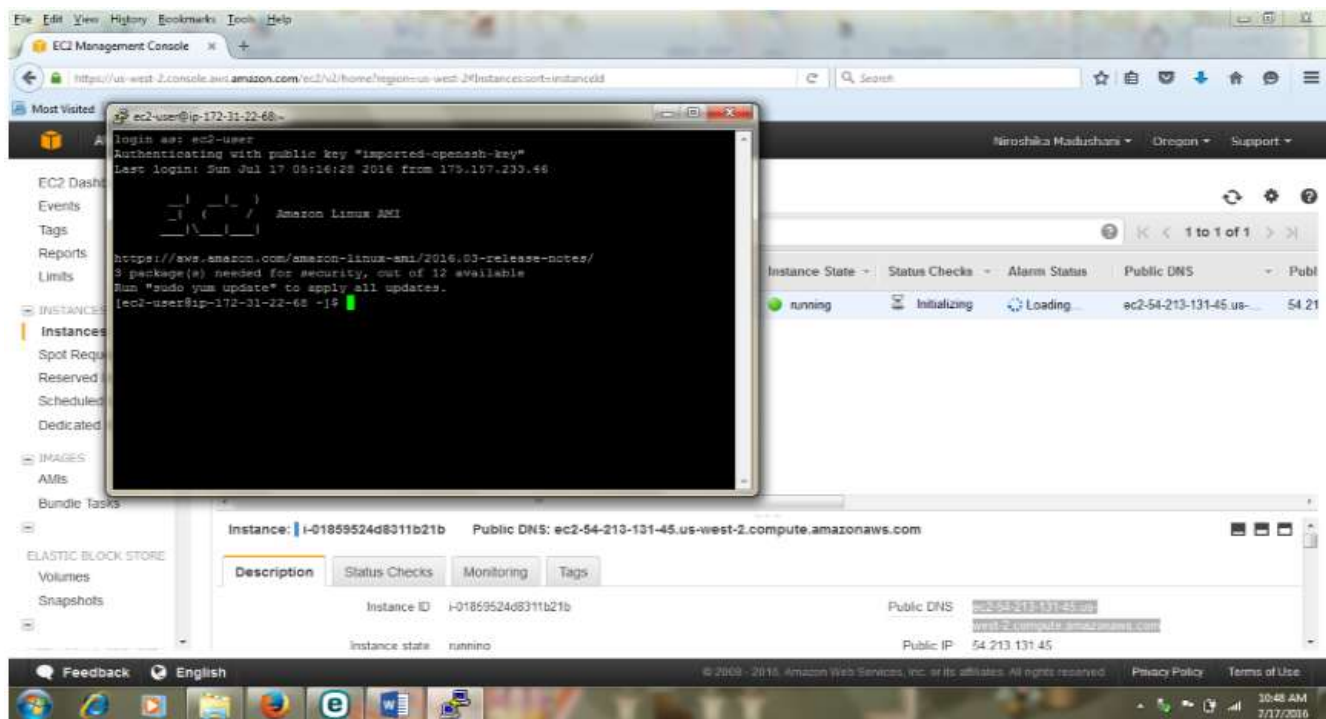


9 after clicking by the open button it will appear the console window then we can log as ec2 -user





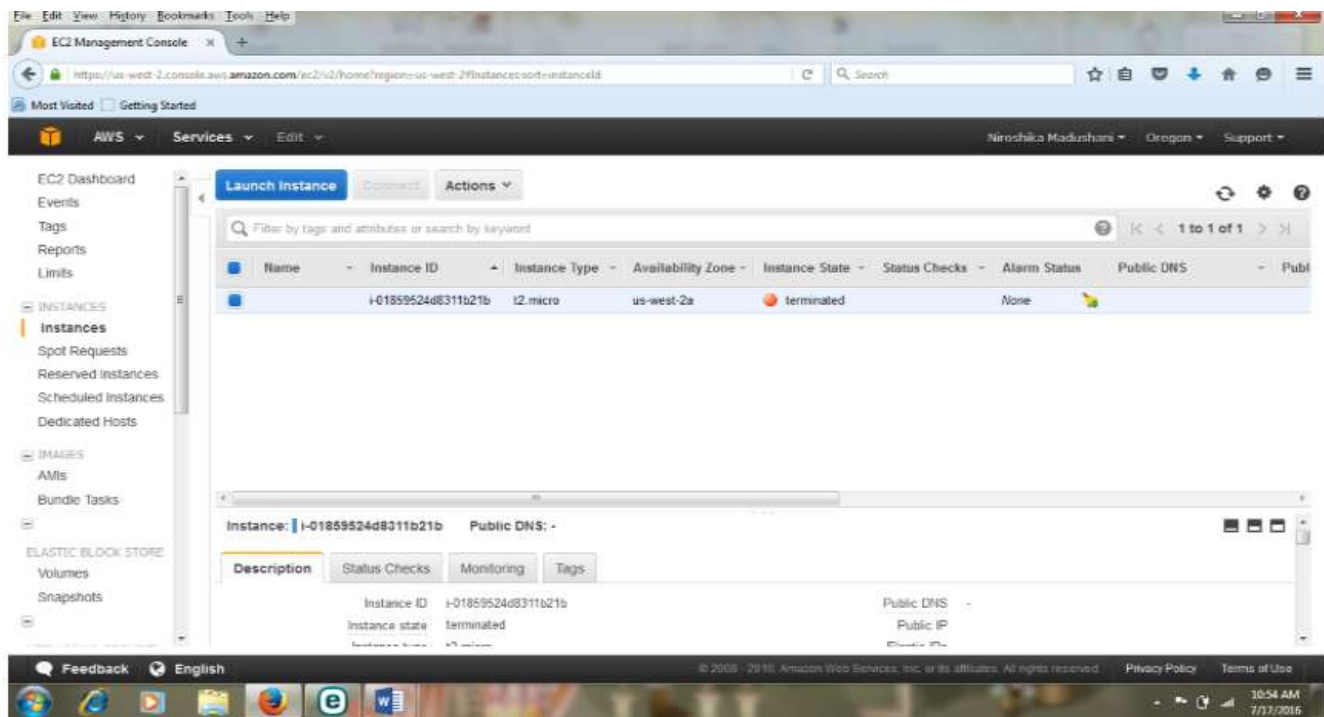
10 now authentication establish with amazon Linux AMI



11 now user can write commands in this console





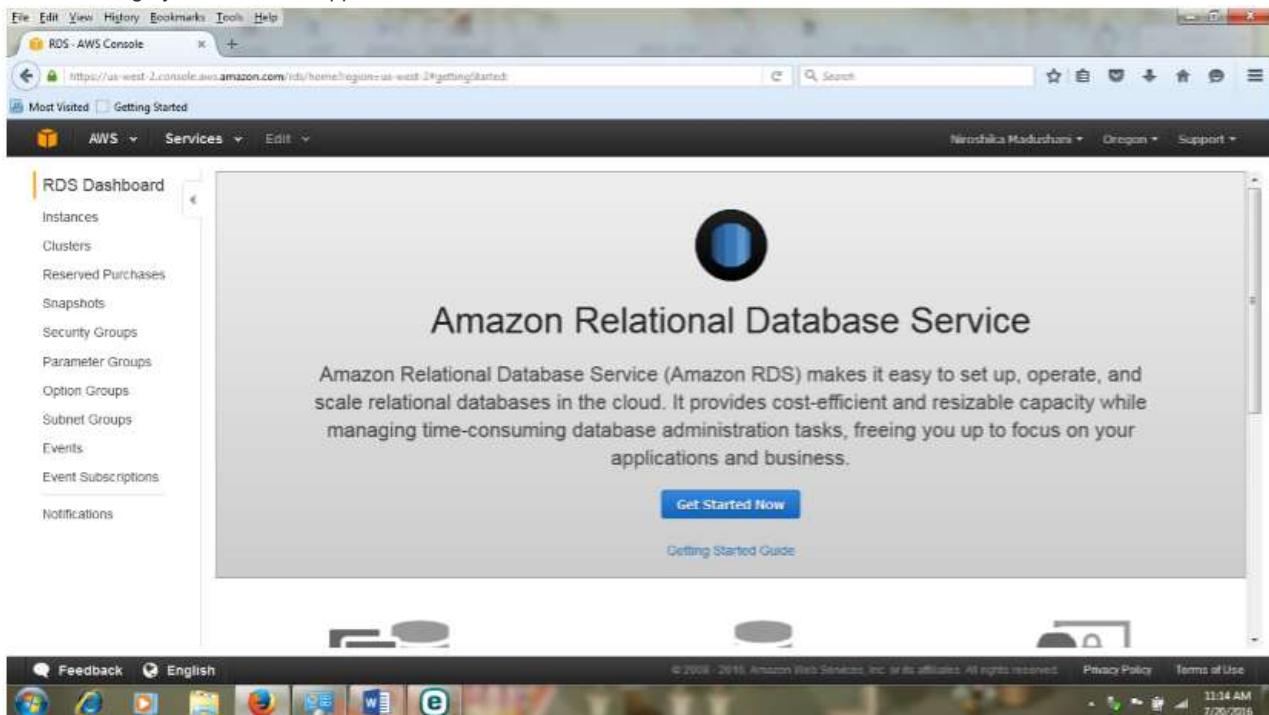


## Create Database instance



1 Sign in to the AWS account and open the Amazon RDS console.

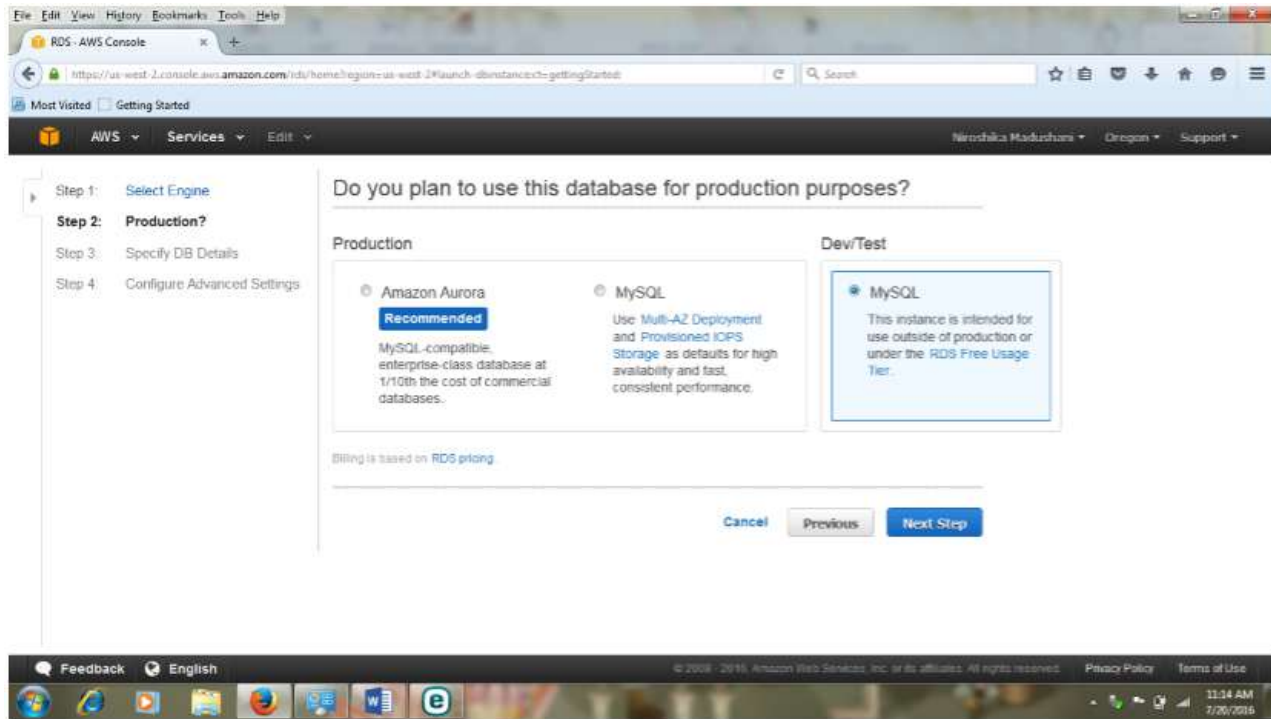
2. After clicking by the RDS it will appear Amazon Relational Database Service window and click Get started Now.





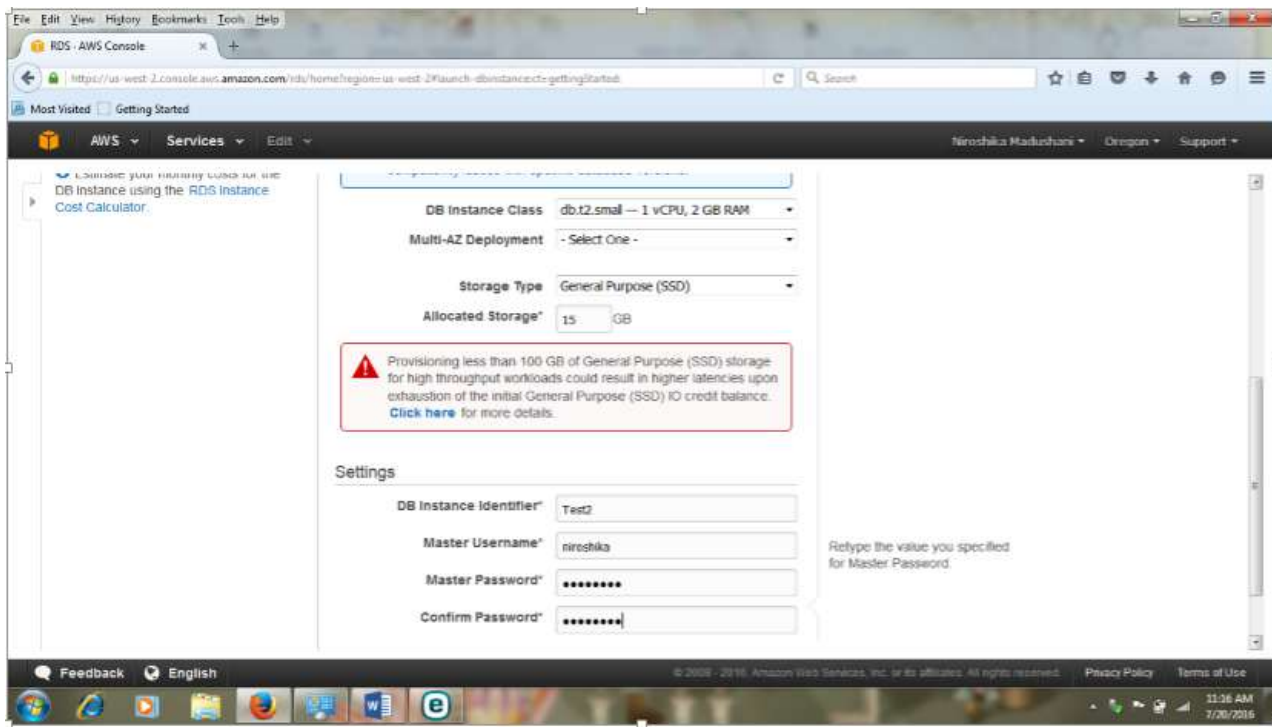
3. On the Select Engine page, shown following, choose the MySQL DB engine, and then choose Select.

4. On the Production page, below Dev/Test, choose MySQL This instance is intended for use outside of production, and then choose Next Step.



5. On the Specify DB Details page, shown following, set these values

- 1 DB Instance Class: db.t2.small-1 vCPU, 2GB RAM
- 2 DB Instance Identifier: Test2
- 3 Master Username: niroshika
- 4 Master Password: Choose a password.
- 5 Confirm Password: Retype the password.

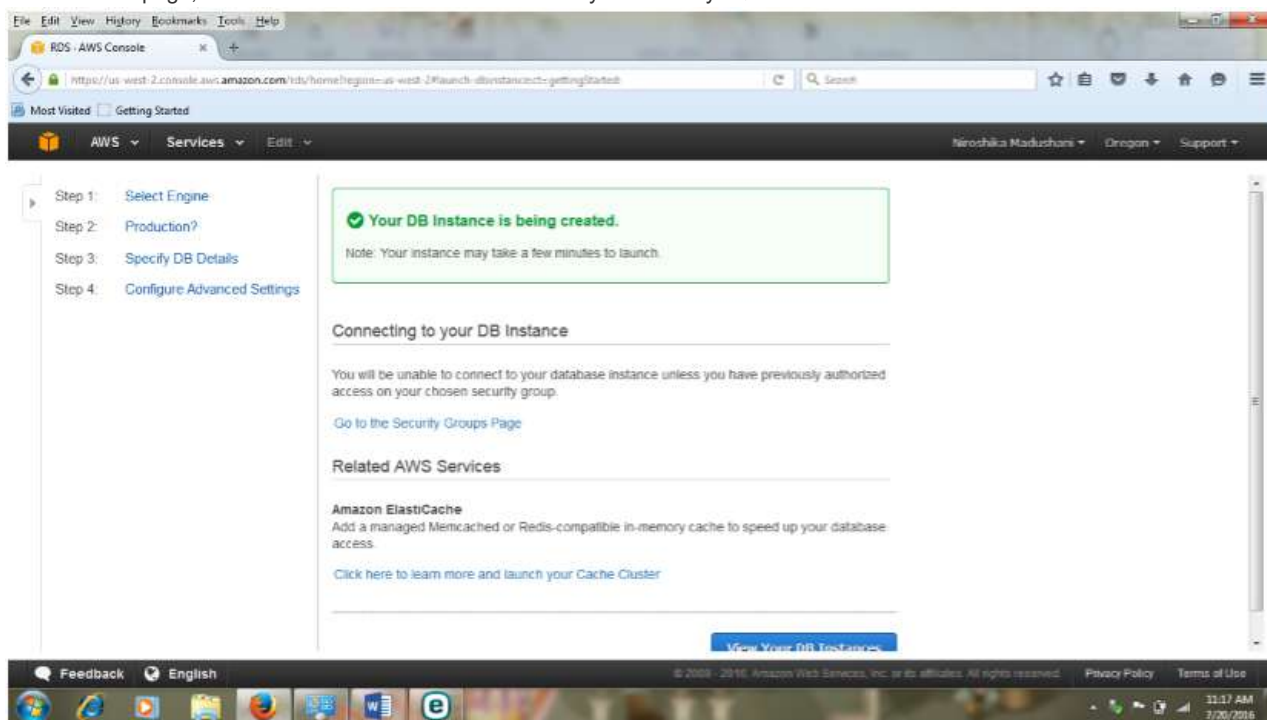


6. Choose Next Step and set the following values in the Configure Advanced Settings page, shown following:

Database Name: sample

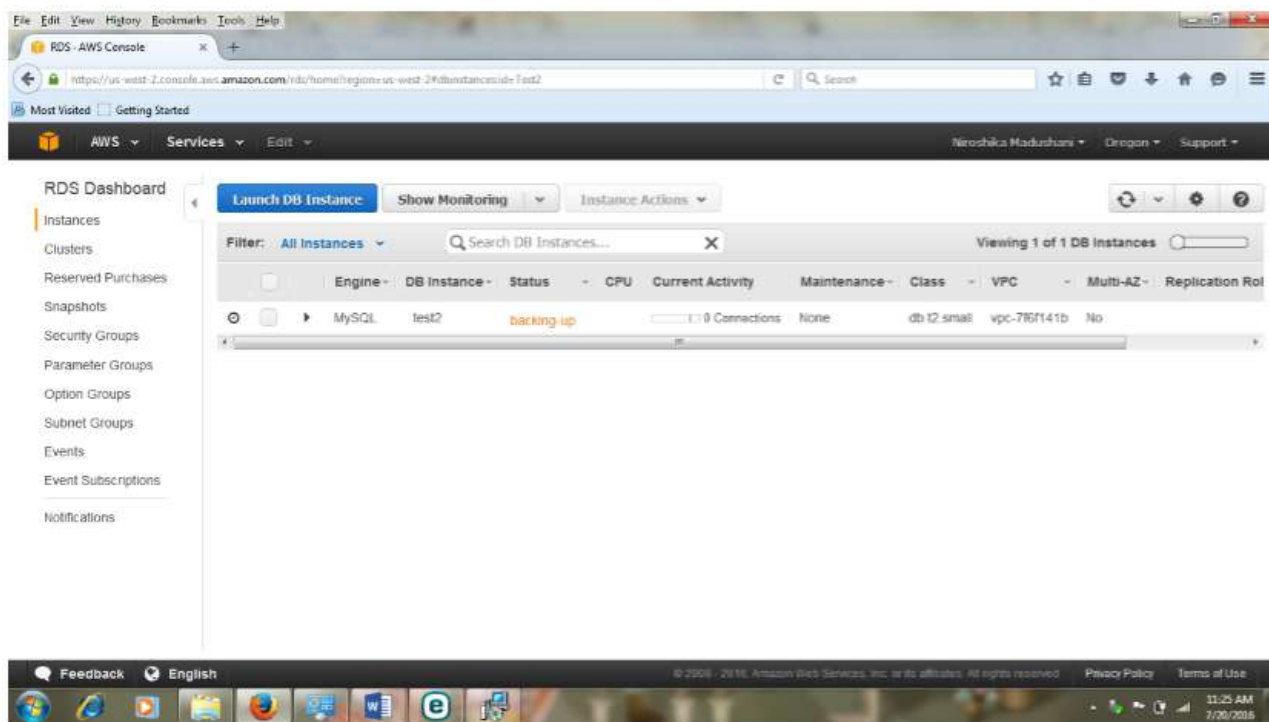
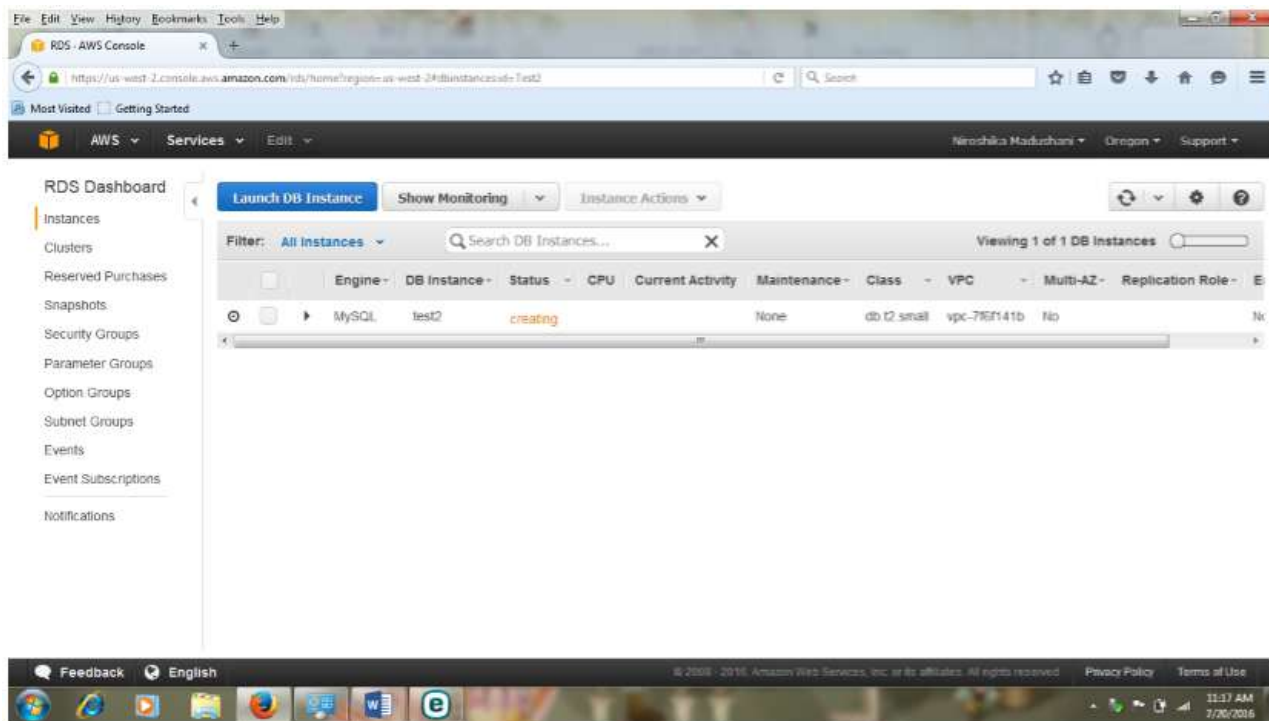


7. On the next page, choose View Your DB Instances to view your RDS MySQL DB instance.

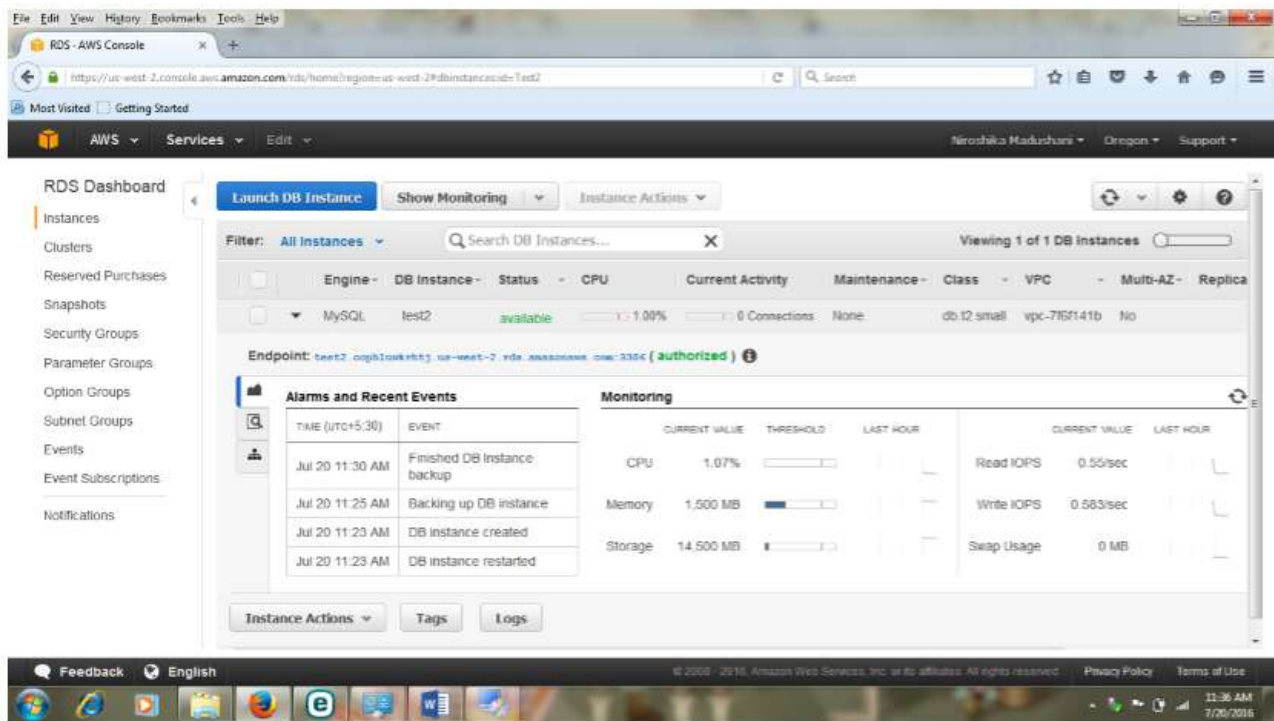


8. Wait for the status of your new DB instance to show as available.





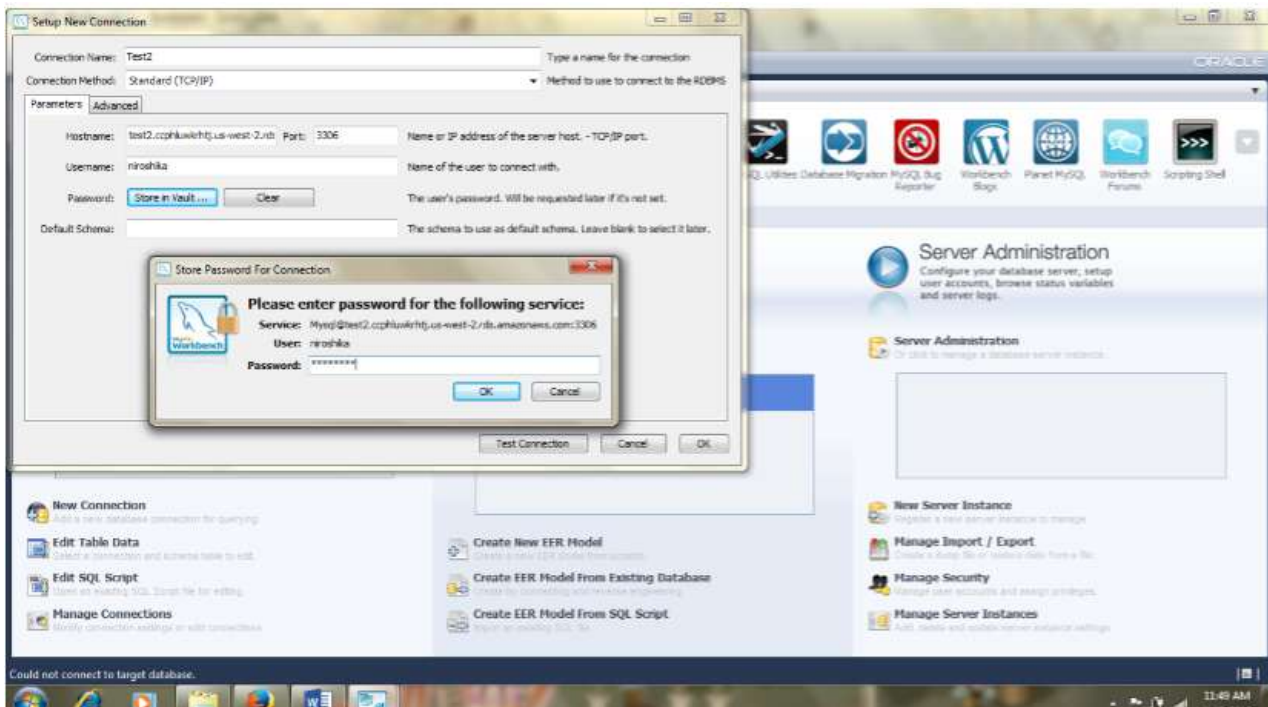
9. Display the DB instance details, shown following



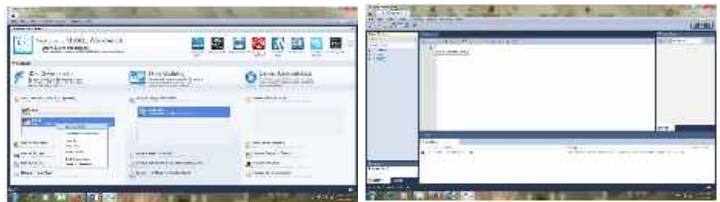
10 Now we have to open the mysql workbench



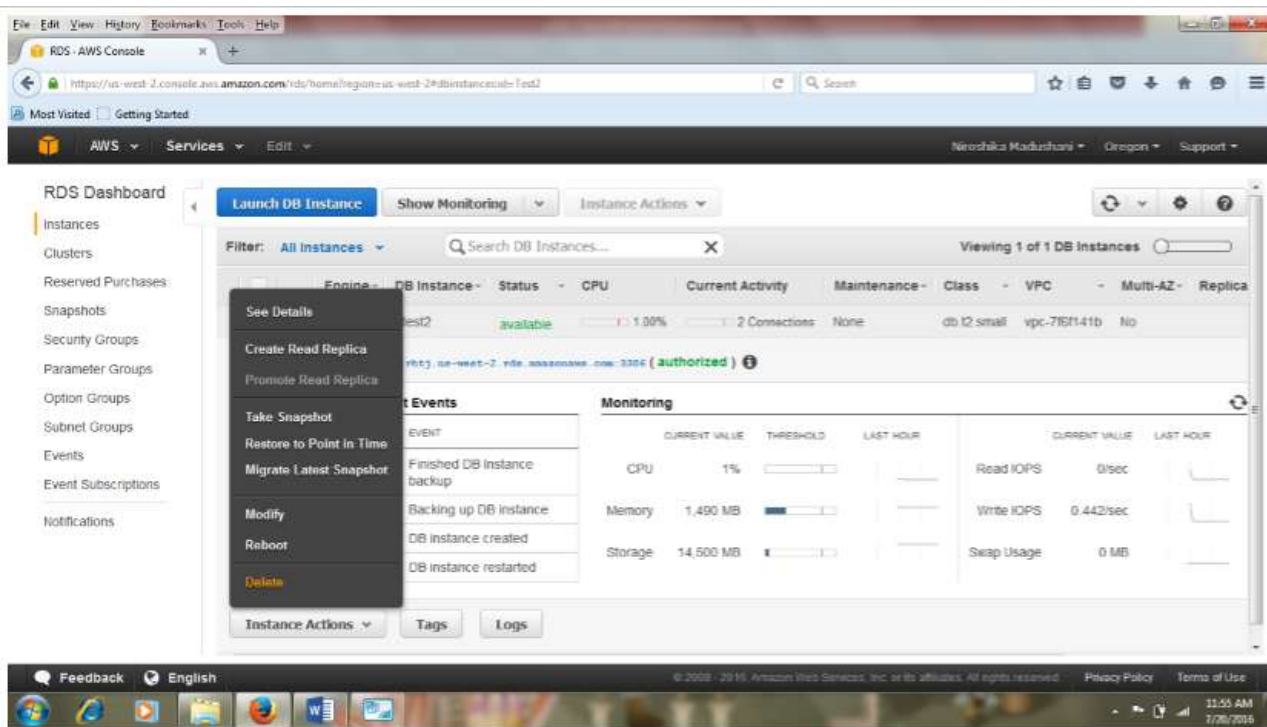
11 After that enter the connection name as Test2 and Host name as End point name of the Launch DB Instance window and enter master user name in to user name field then click on the store in value button then give the master password as password and click ok.



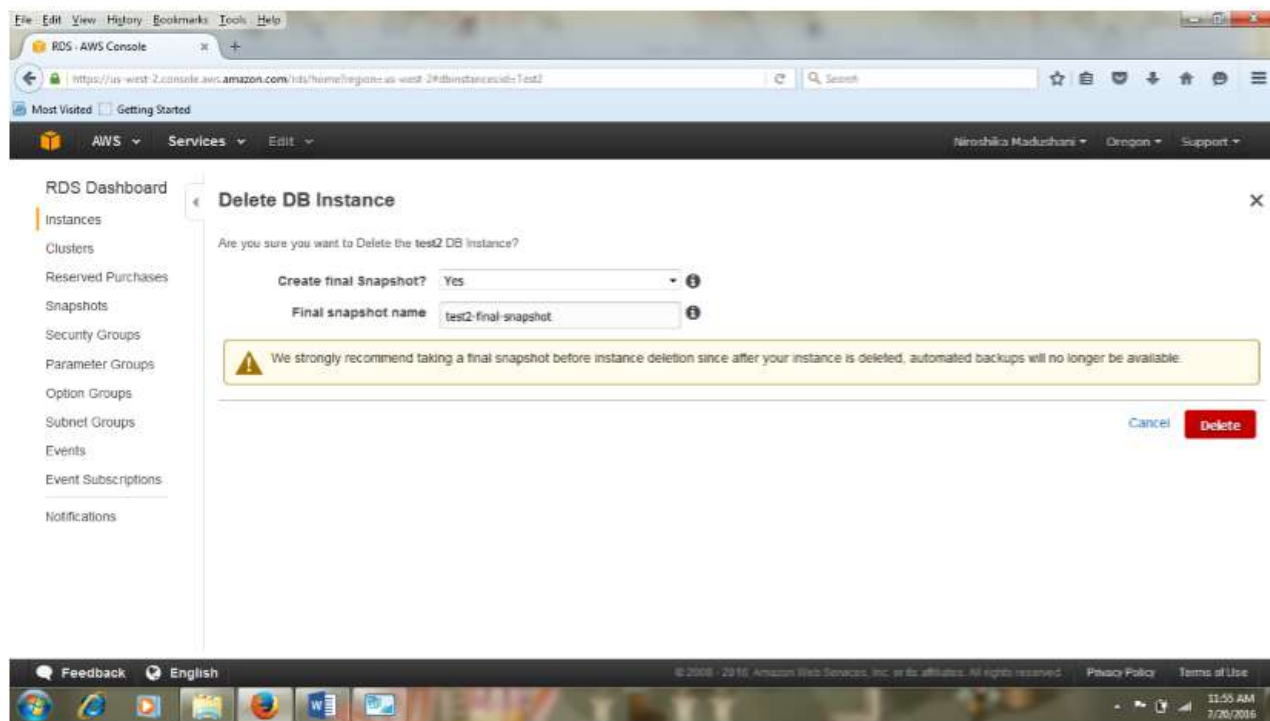
12 DB connection will establish and we can write queries in database



13 Choose Instance Actions then choose Delete.



14 Choose Delete.





15 DB instance to show as deleting.

