Enterprise Standards and Best Practices for IT Infrastructure

Amazon EC2 Windows Instances

Assignment Report 01

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B.Sc (Special Honours) in Information Technology
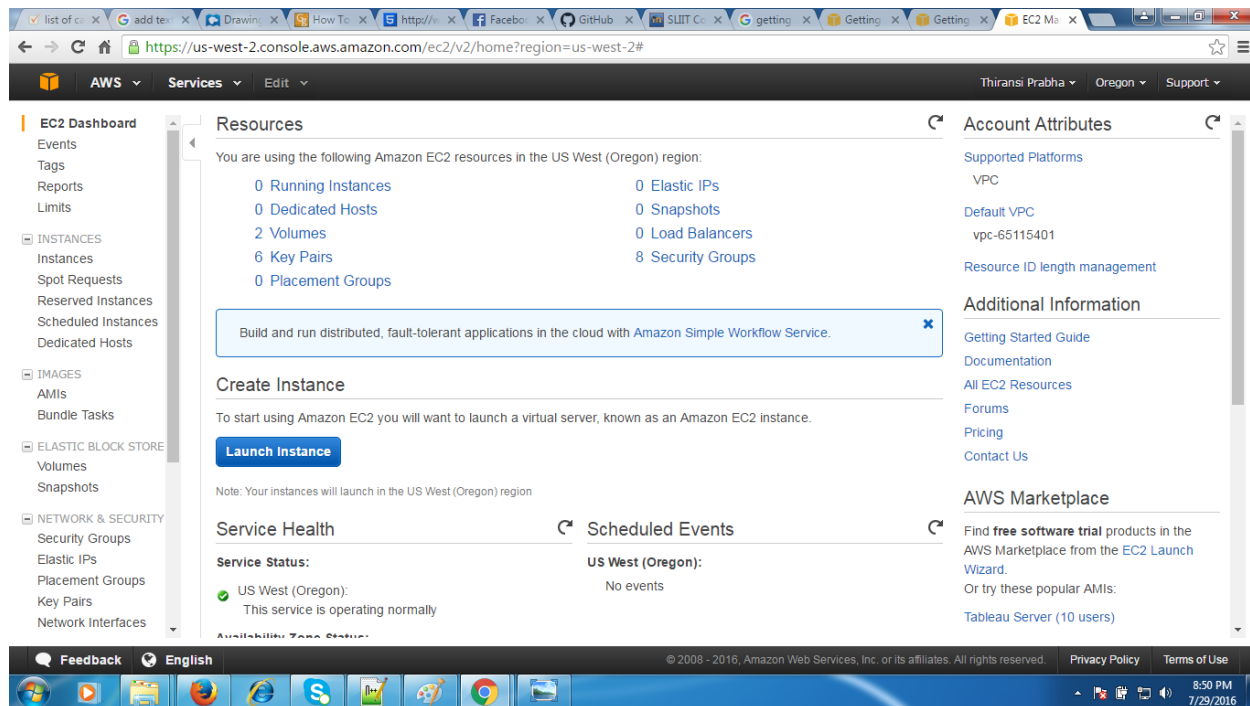Sri Lanka Institute of Information Technology

Tasks

To complete this tutorial, performed the following tasks:

1. Launch an Instance
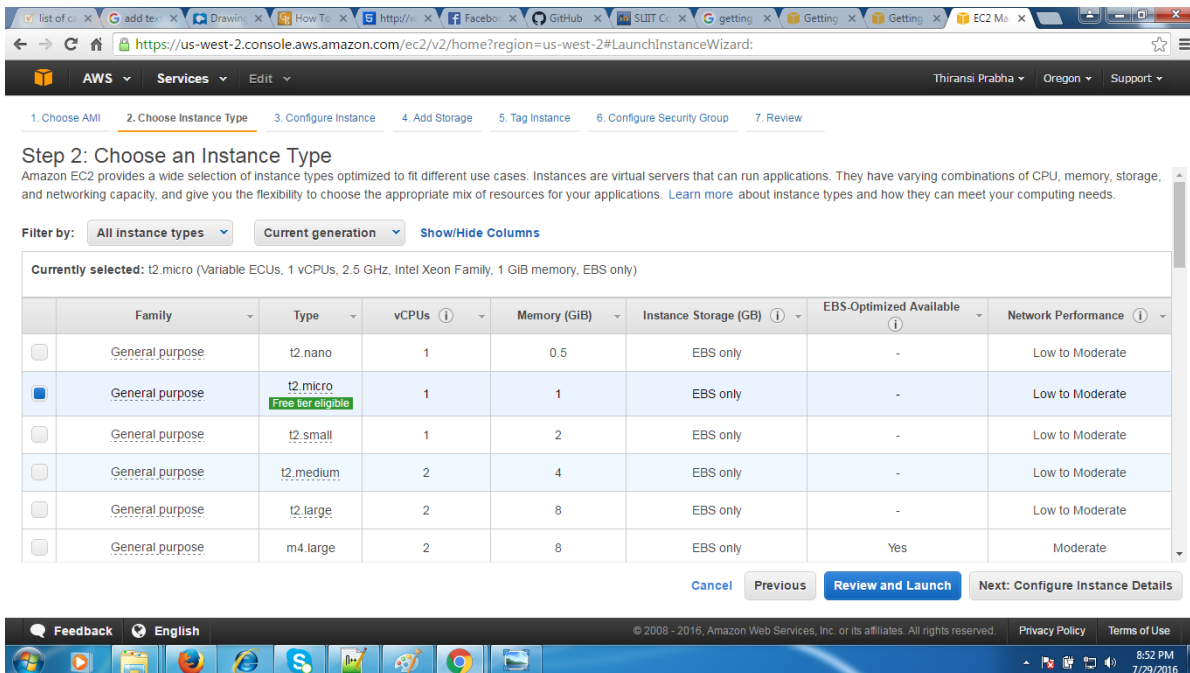2. Connect to Your Instance

To launch an instance

1. Open the Amazon EC2 console at https://console.aws.amazon.com/ec2/.
2. From the console dashboard, choose **Launch Instance**.

3. The **Choose an Amazon Machine Image (AMI)** page displays a list of basic configurations, called *Amazon Machine Images (AMIs)*, that serve as templates for your instance. Select the AMI for Microsoft Windows Server 2012 R2 Base or Microsoft Windows Server 2008 R2 Base. Notice that these AMIs are marked "Free tier eligible."
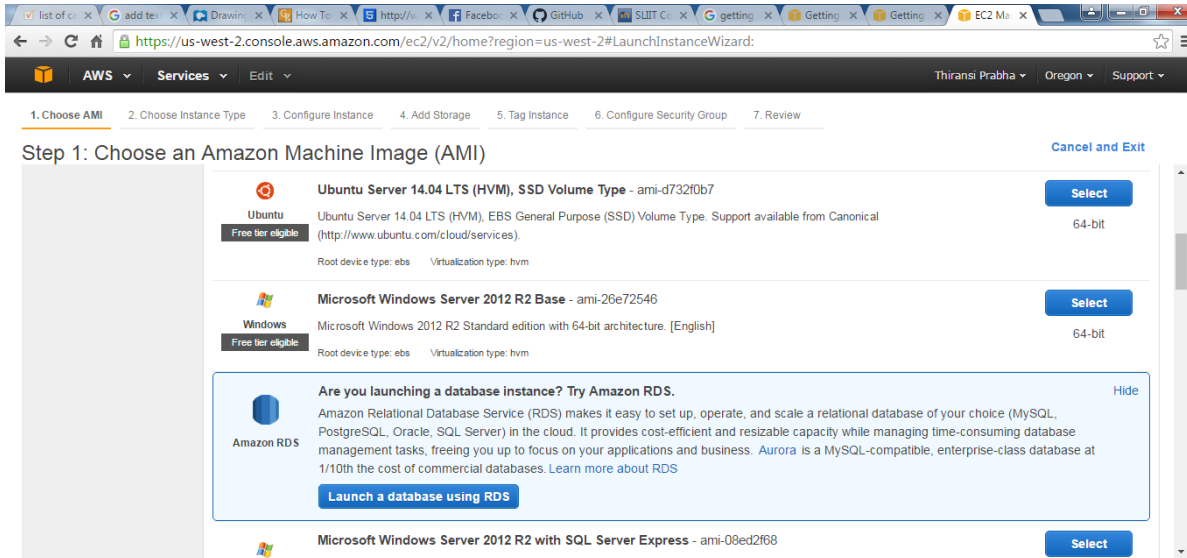
4. On the **Choose an Instance Type** page, you can select the hardware configuration of your instance. Select the t2.micro type, which is selected by default. Notice that this instance type is eligible for the free tier.

5. Then click the Configure Instance Details and keep the default values as it is.

6. Under **Add Storage** give the size as 30GB

7. Choose **Review and Launch** to let the wizard complete the other configuration settings for you.

8. On the **Review Instance Launch** page, choose **Launch**.

9. When prompted for a key pair, you can create a new key pair. Select **Create a new key pair**, enter a name for the key pair, and then choose **Download Key Pair**. After select Launch Instances.
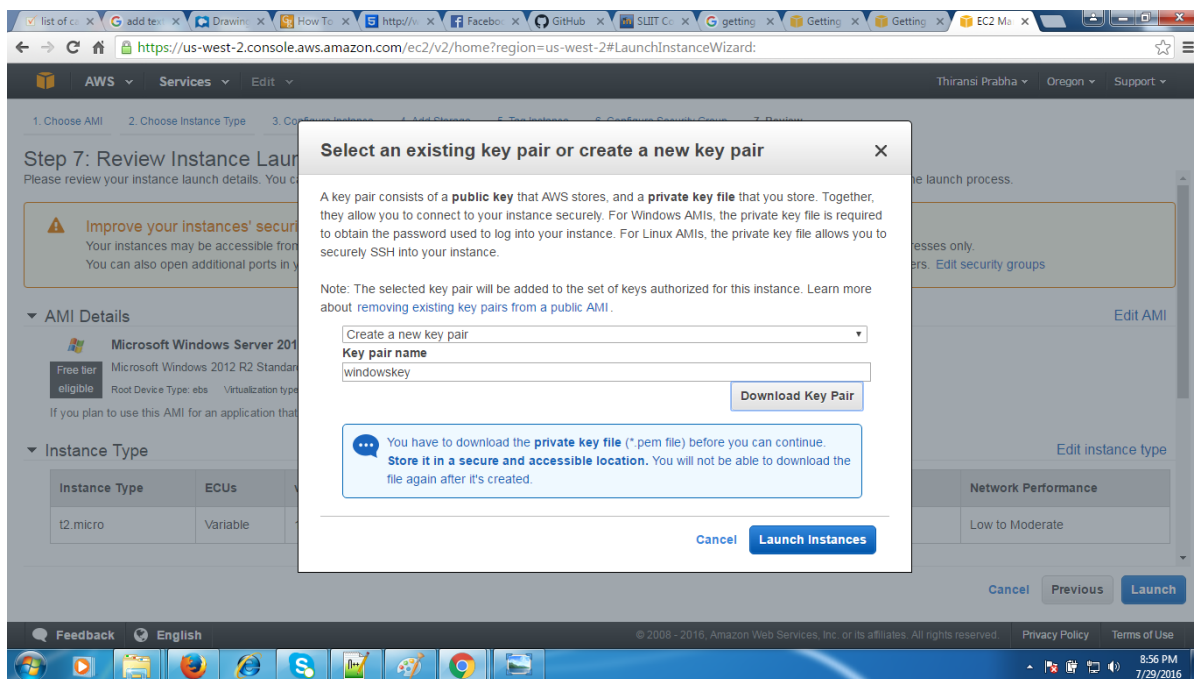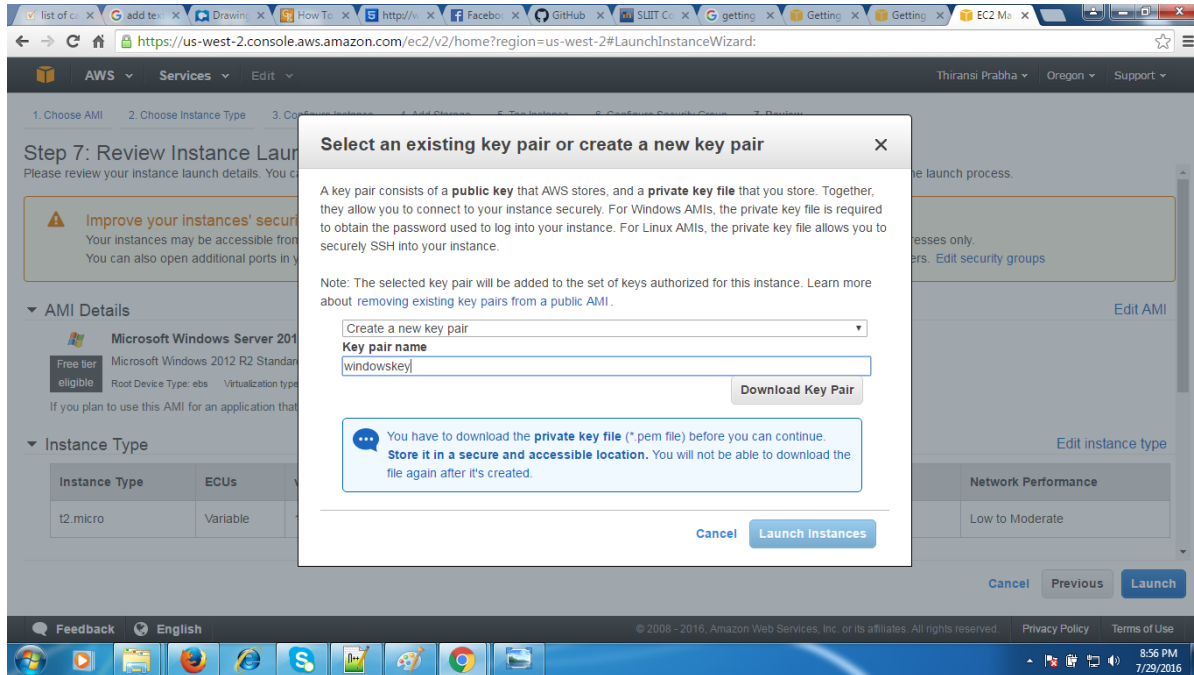
10. A confirmation page lets you know that your instance is launching. Choose **View Instances** to close the confirmation page and return to the console.
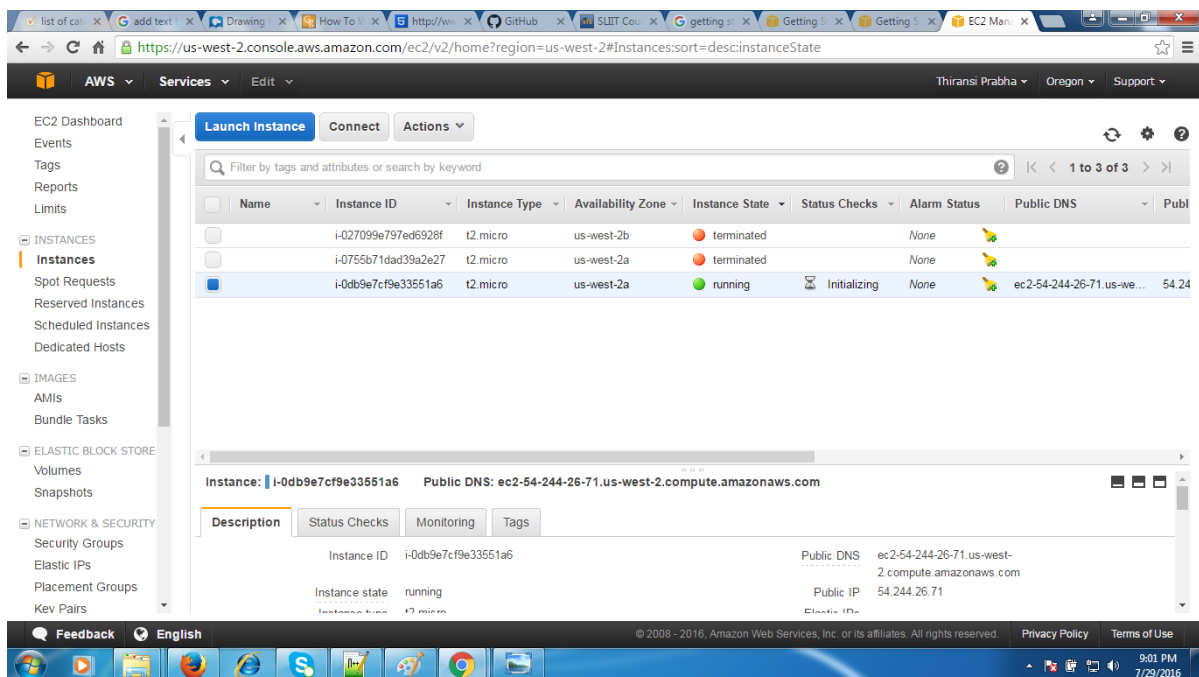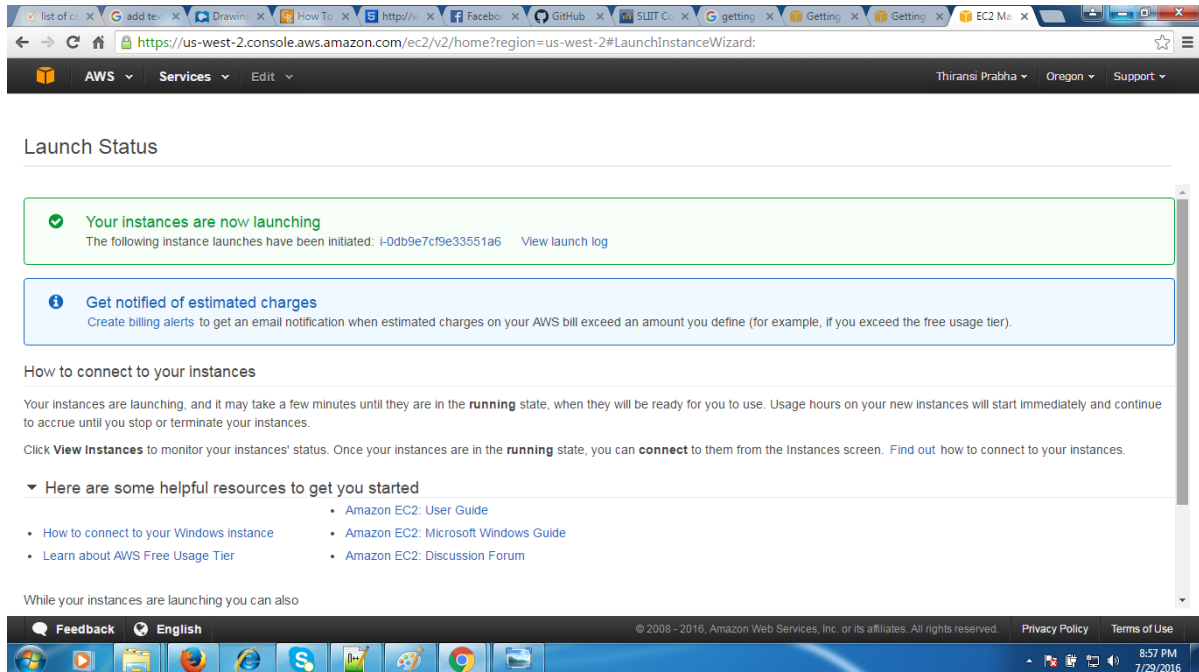
On the **Instances** screen, you can view the status of the launch. It takes a short time for an instance to launch. When you launch an instance, its initial state is pending. After the instance starts, its state changes to running and it receives a public DNS name.

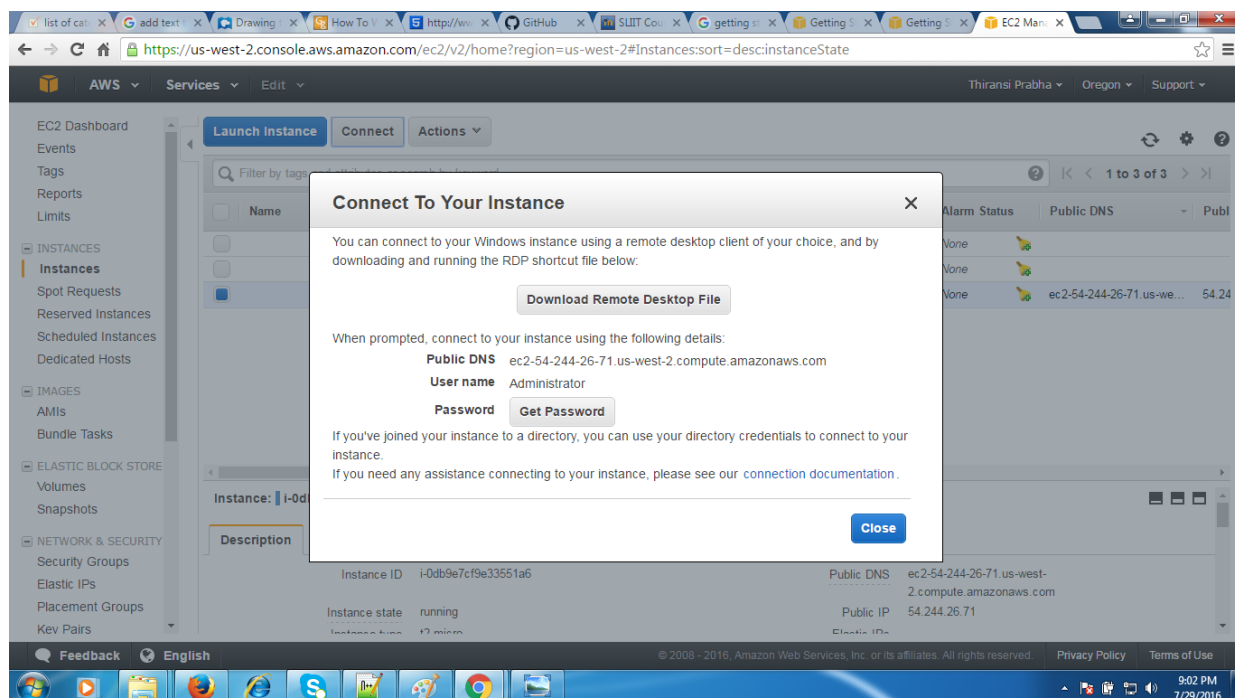**Step 2: Connect to Your Instance**

To connect to a Windows instance, you must retrieve the initial administrator password and then specify this password when you connect to your instance using Remote Desktop.

1. In the Amazon EC2 console, select the instance, and then choose **Connect**.
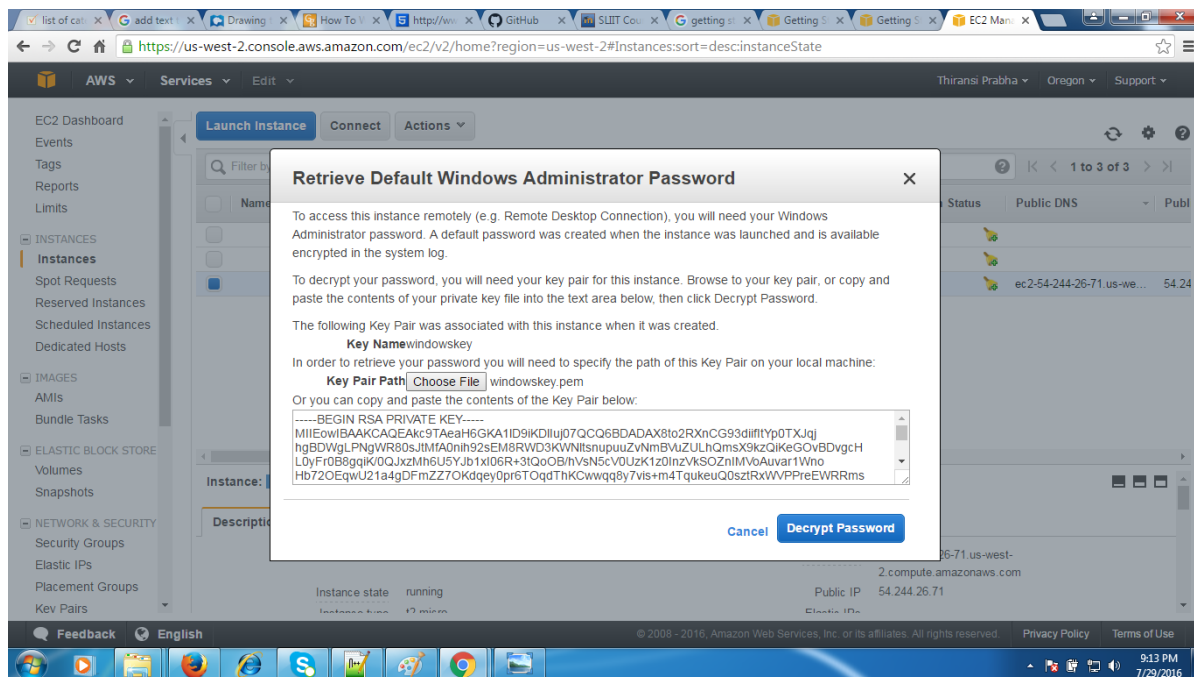
2. In the **Connect To Your Instance** dialog box, choose **Get Password** and browse the key pair have been downloaded.
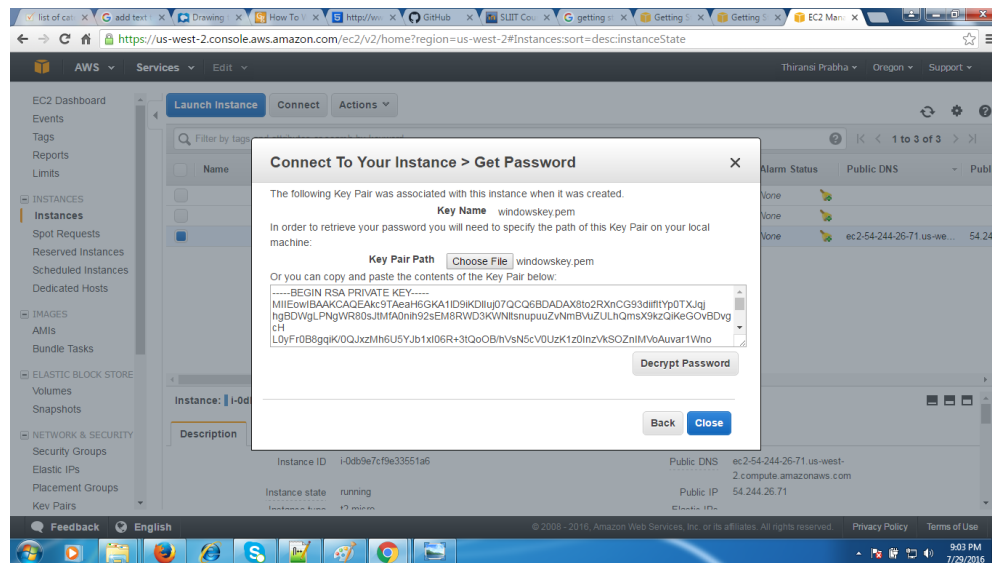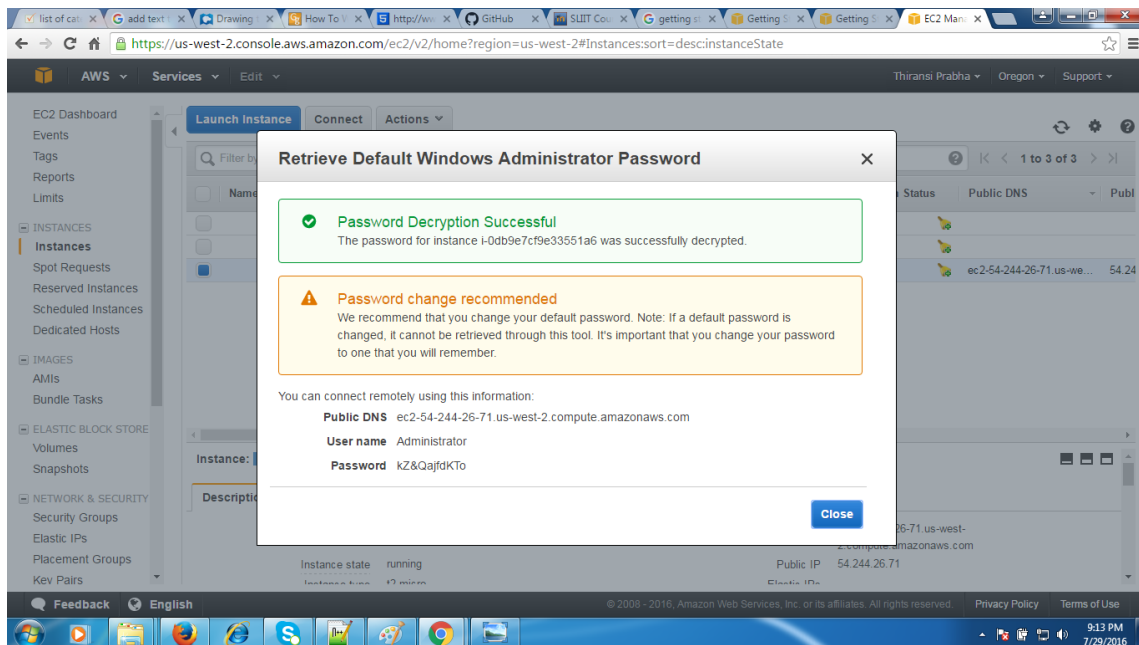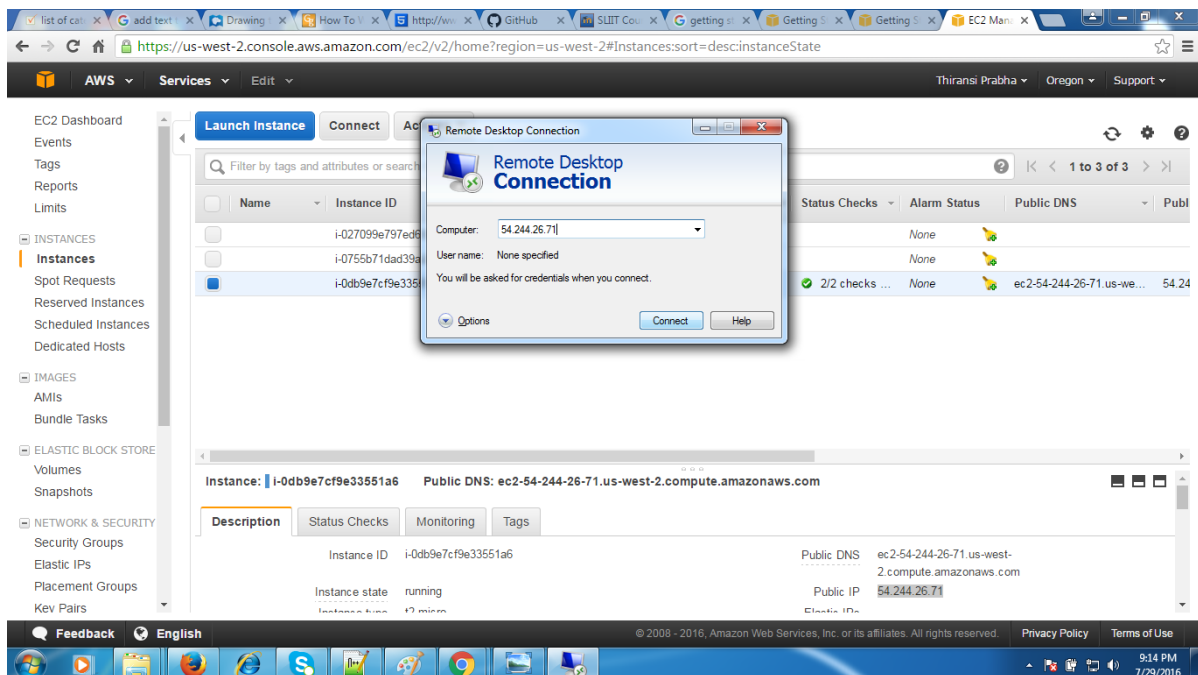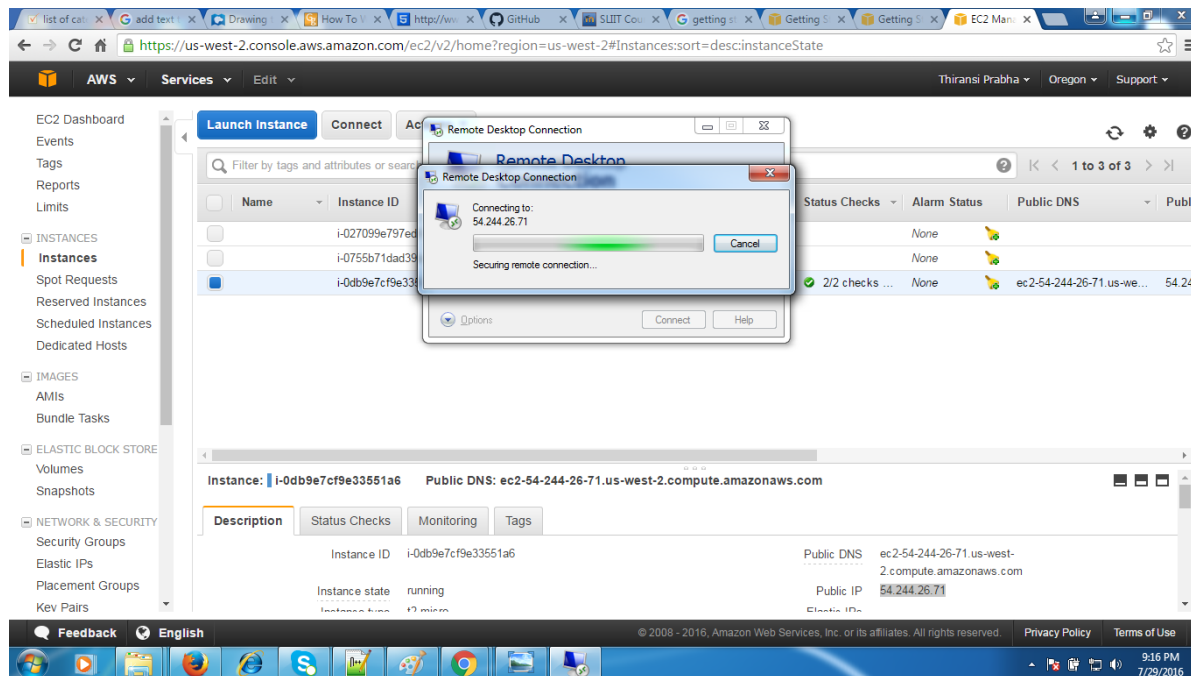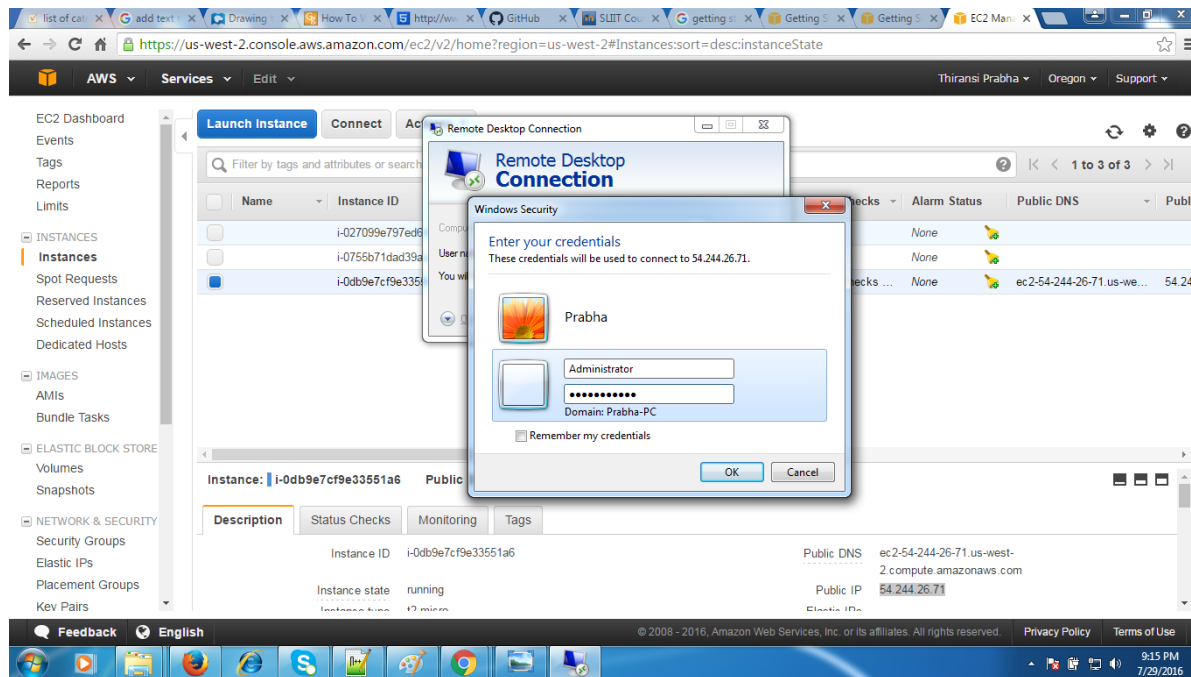

3.

Choose **Decrypt Password**.

4. Record the default administrator password, or copy it to the clipboard. You need this password to connect to the instance.

5. Run Remote Windows Connection from your PC and give the Public DNS of Instances and connect.

6. Give the Credentials and OK

7. choose **Yes** in the **Remote Desktop Connection** window to connect to your instance