SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Create and connect to a Ubuntu Instance in AWS

Name: Praneeth Chamara Paranavithana

SLIIT ID: IT13003388

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Create an Ubuntu instance in Amazon Web Services

Pre-requirements:

You must have a personal account in aws.amazon.com, if not go to https://aws.amazon.com/ and create your account first.

Step 01:

Login to your AWS console using the above URL. Use your credentials to login.

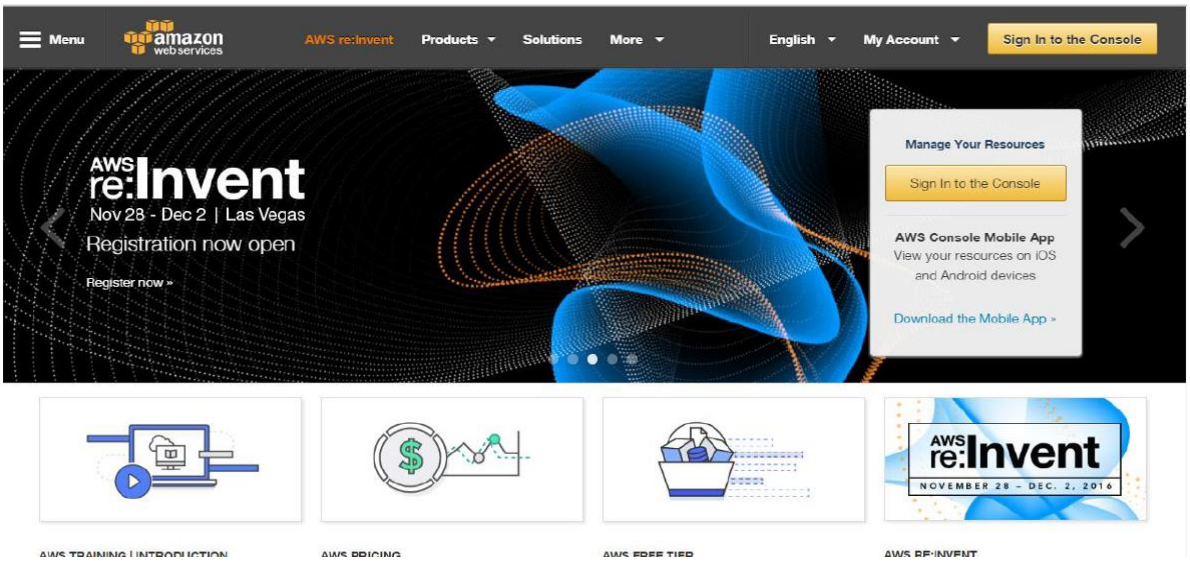


Figure 1: AWS Login

Step 02:

Upon successful login you can see the AWS console as below image. That console contains all the services afford by AWS.

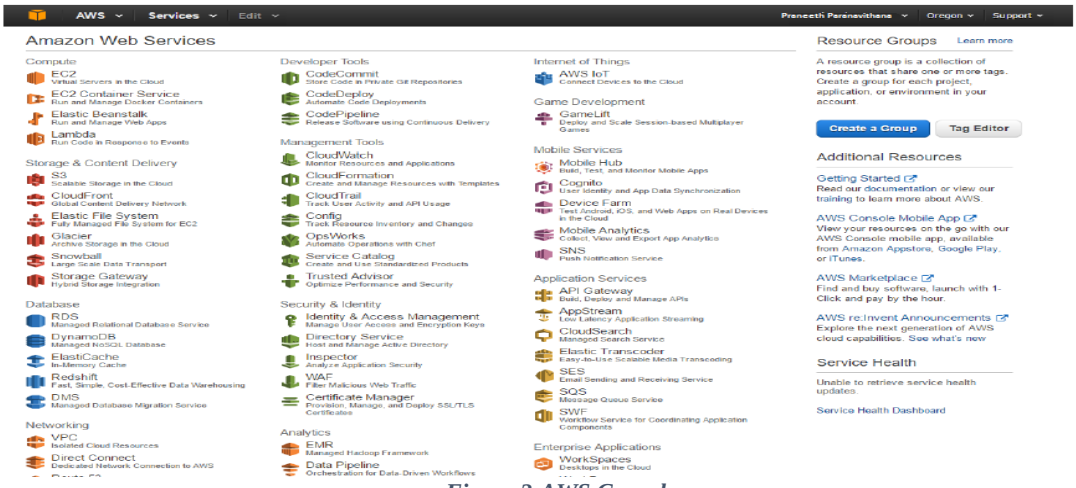


Figure 2:AWS Console

Step 03:

From the console click on EC2 icon (Figure 03). Then you can see the EC2 resources you are using at the moment (Figure 04). From there click on Launch Instance button to create a new instance.

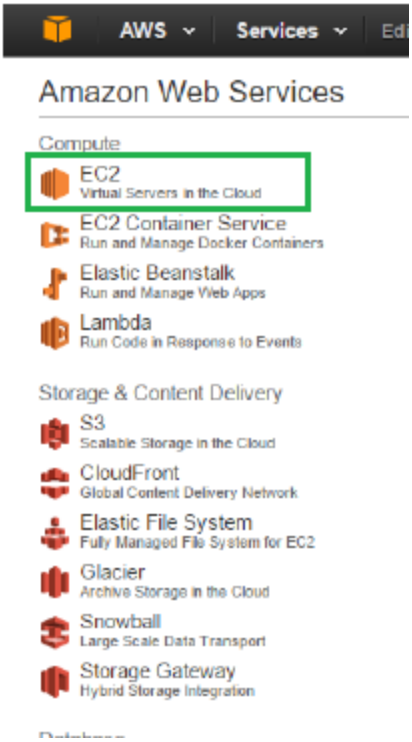


Figure 3: Access EC2

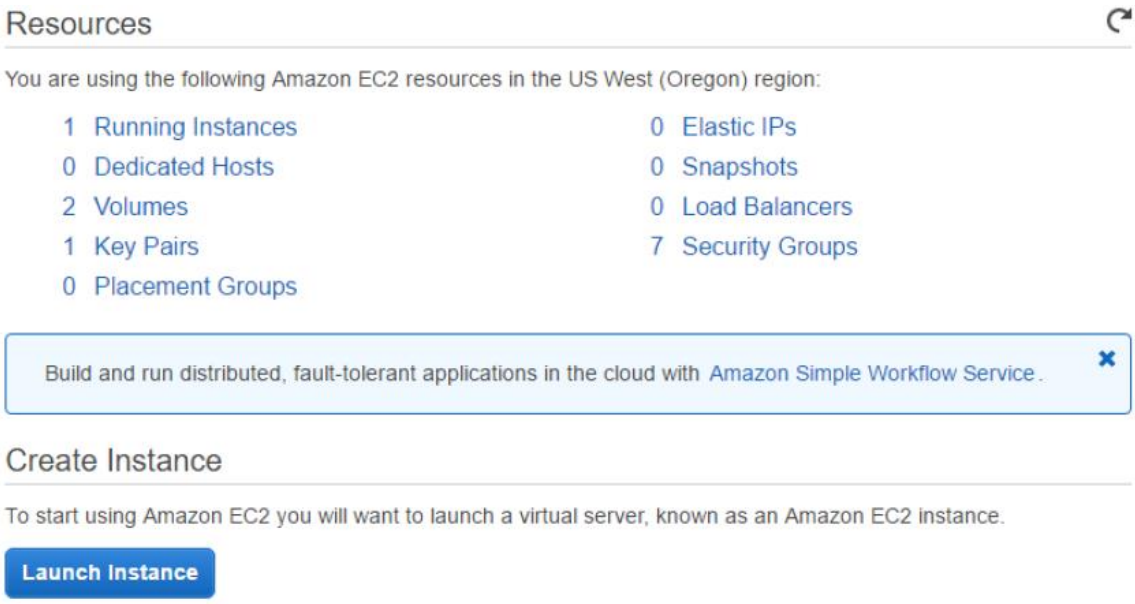


Figure 4:Launch new Instance.

Step 04:

Select Ubuntu Server 14.04 LTS as the Operating System.

Figure 5:Select Operating System.

Step 05:

Select t2 micro as the instance type and click on Review and Launch to proceed.

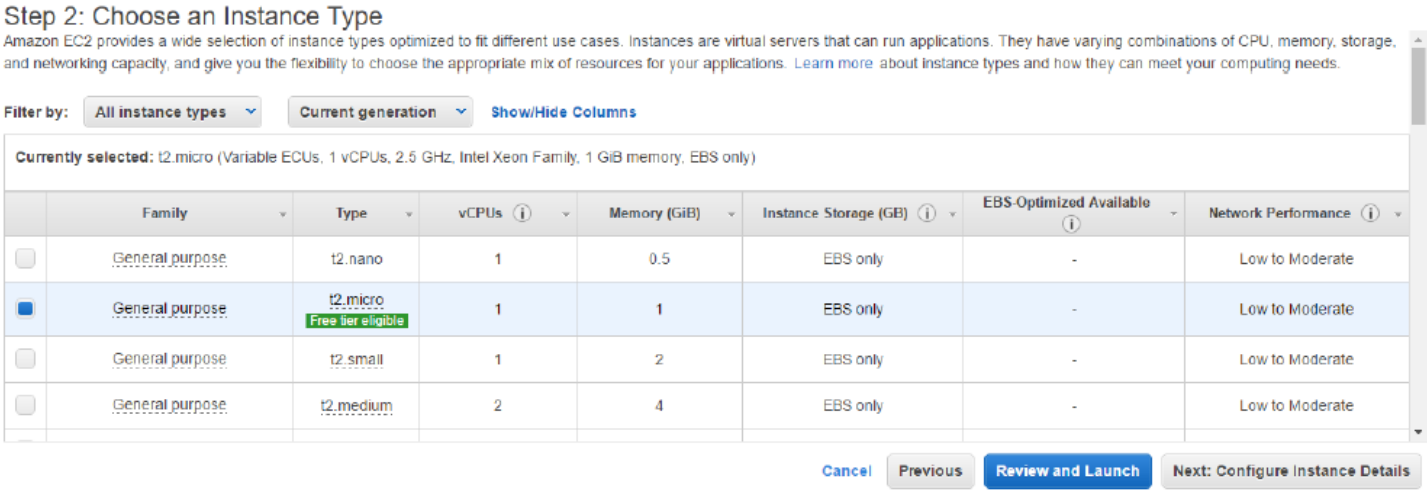


Figure 6:Select Instance Type

Step 06:

Now you can find the default configurations of the instance, you can change the configuration if you want.

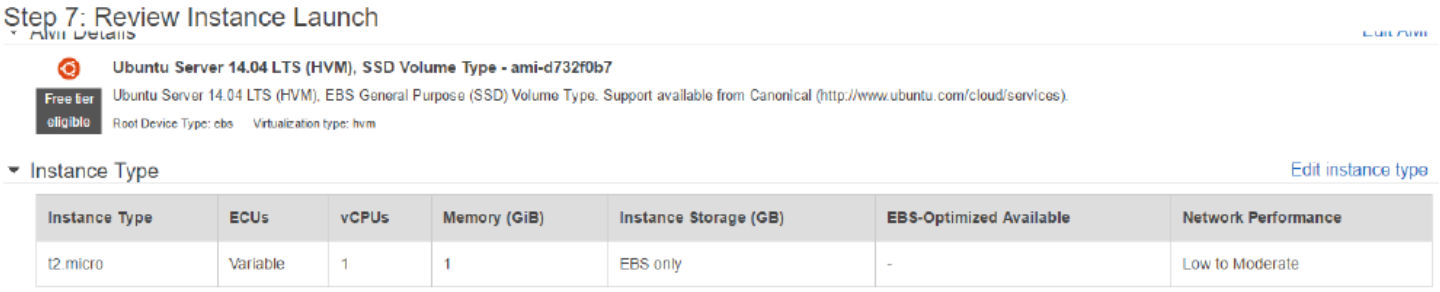
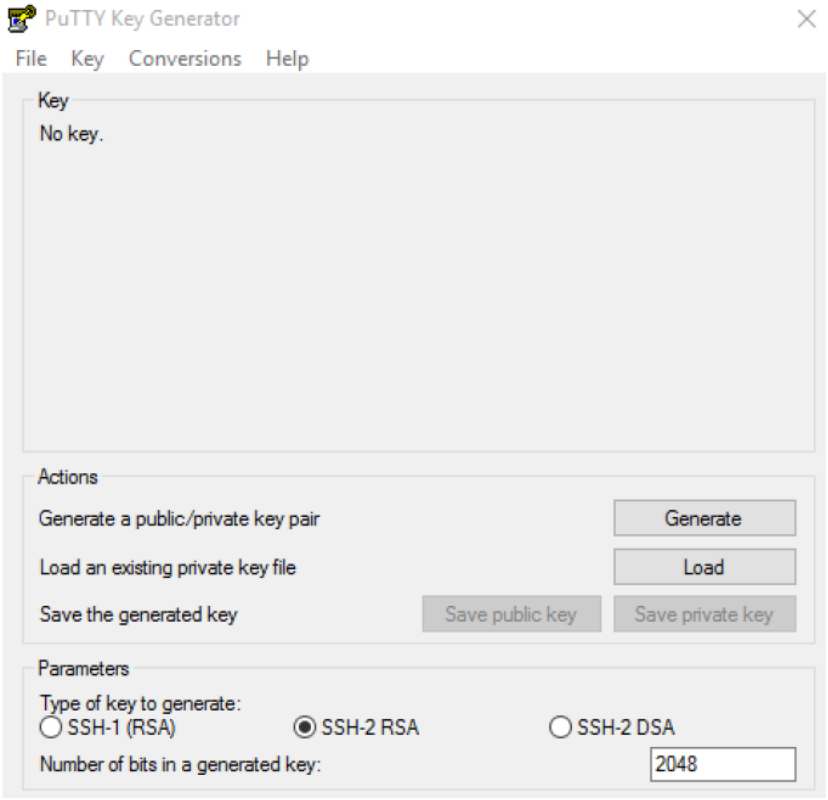


Figure 7: Final configuration

Connect to the Ubuntu instance in AWS

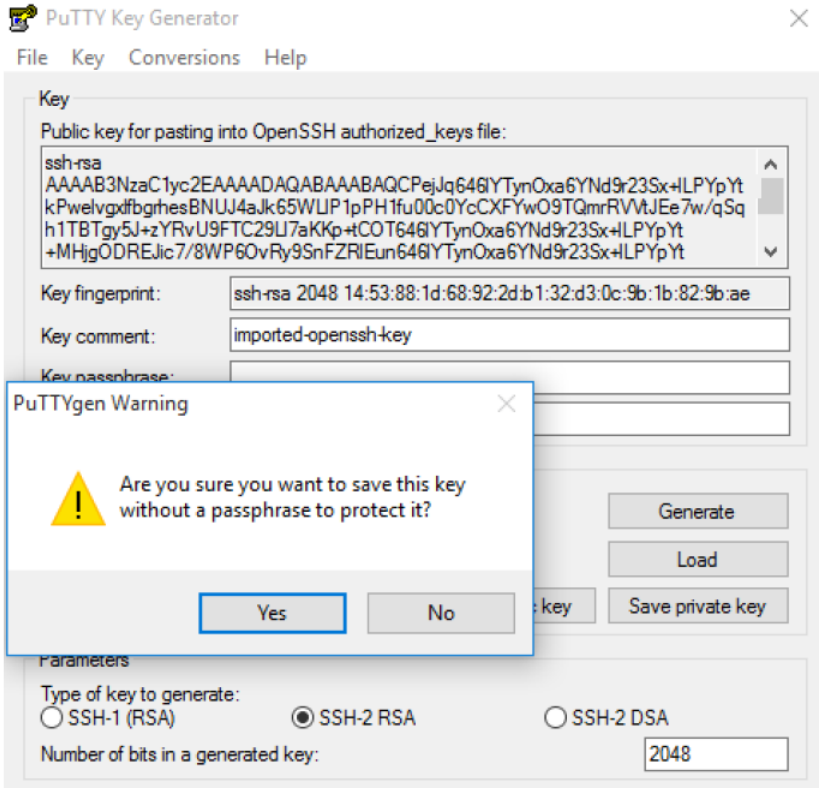
Step 01:

After creating the instance, you can connect to it now. For that you must use Putty Key Generator.



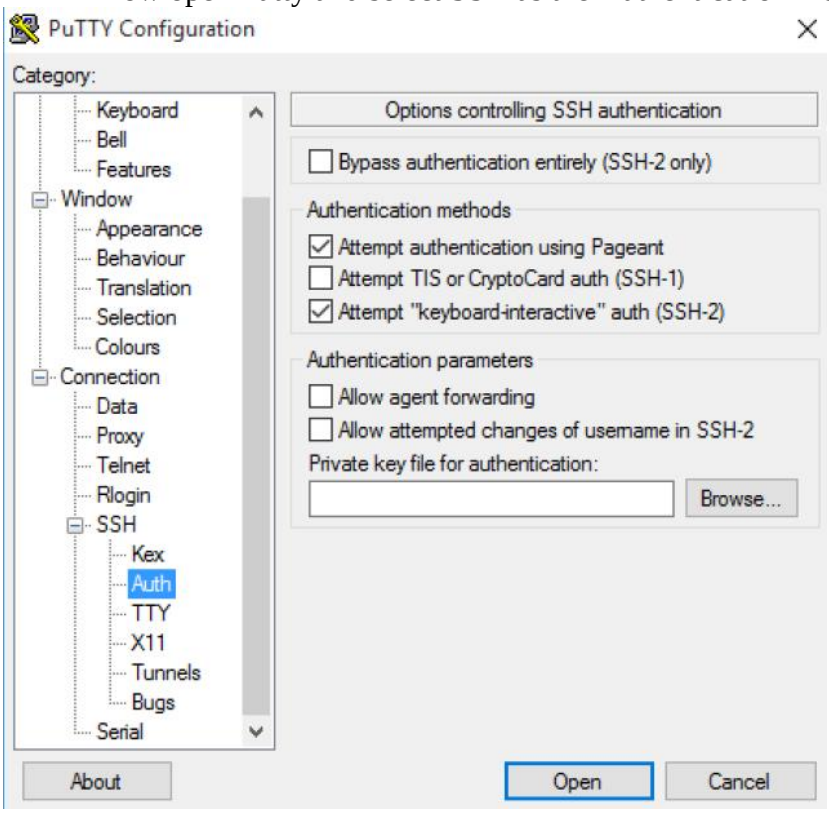
Step 02:

Locate the key file after clicking Load and click ok to save the private key in your machine.



Step 03:

Now open Putty and select SSH as the Authentication method and brows for your key file.



Step 04:

Now use the public DNS name as the host name and click open to connect to your Ubuntu machine in AWS.