SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Create and connect to a Windows Instance in AWS

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Create a Windows 2012 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.

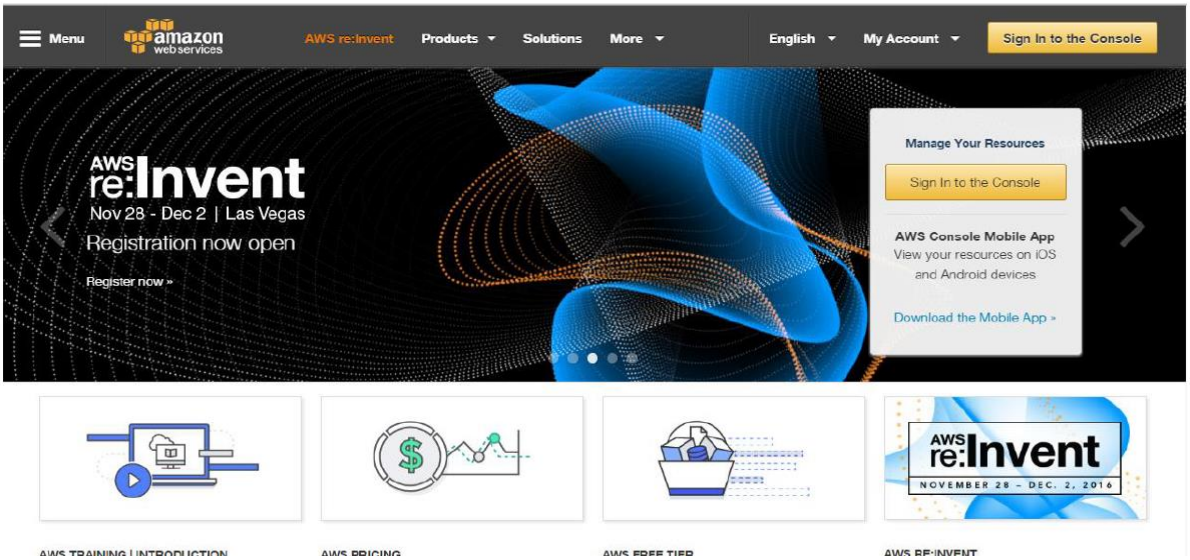


Figure 1: AWS Login

Step 02:

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

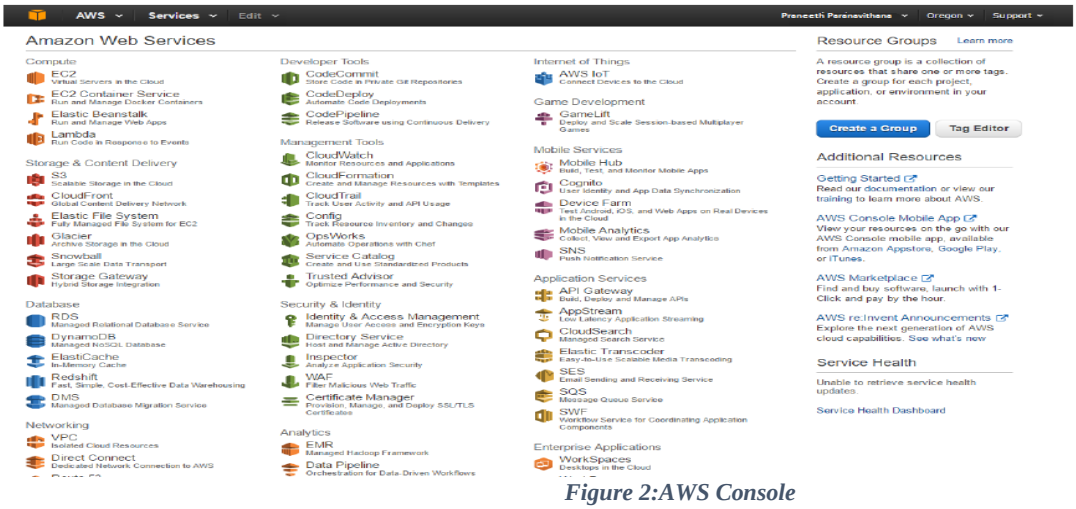


Figure 2:AWS Console

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.

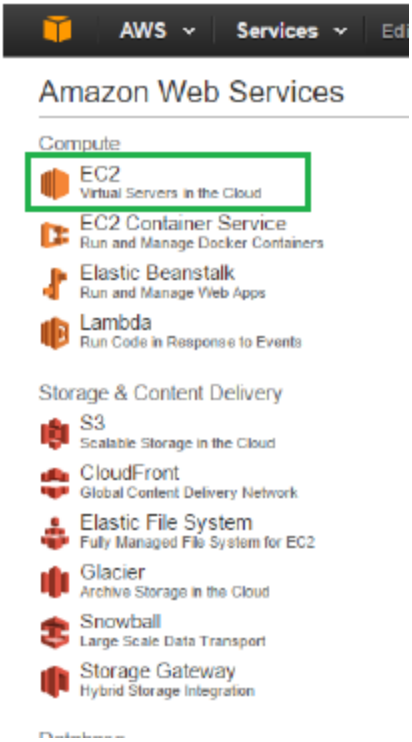


Figure 3: Access EC2

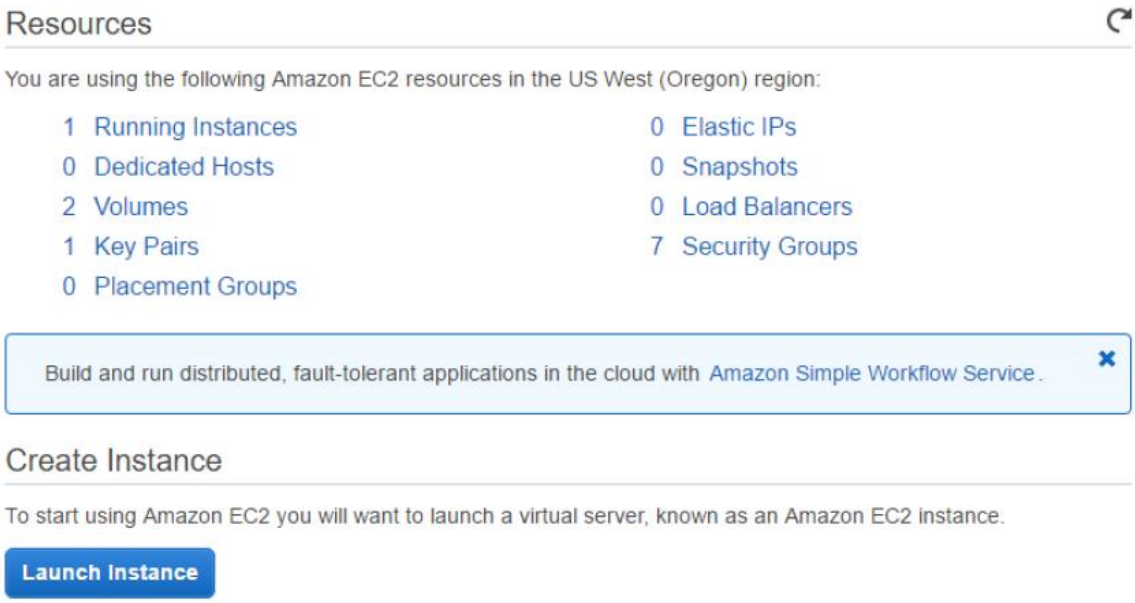


Figure 4:Launch new Instance.

Step 04:

After the step 03, you will get a window as below (Figure 05). There you can several Operating Systems you can use. From there select Microsoft Windows Server R2.

Figure 5: Select Operating System

Step 05:

Select t2 micro as your Instance type. Then press Review and Launch to proceed.

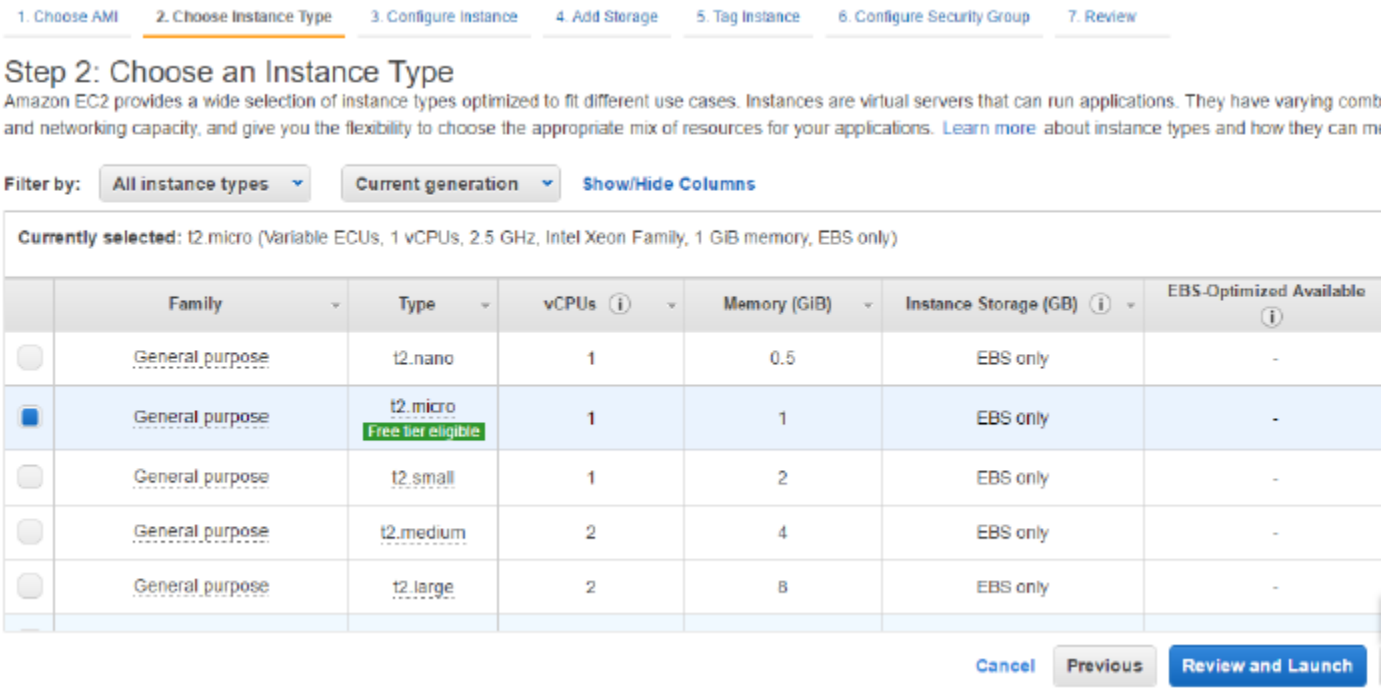


Figure 6: Select Instance type.

Step 06:

Once you clicked on Review and Launch, you can see all the configurations you have done upto now. Click on Launch to launch your instance.

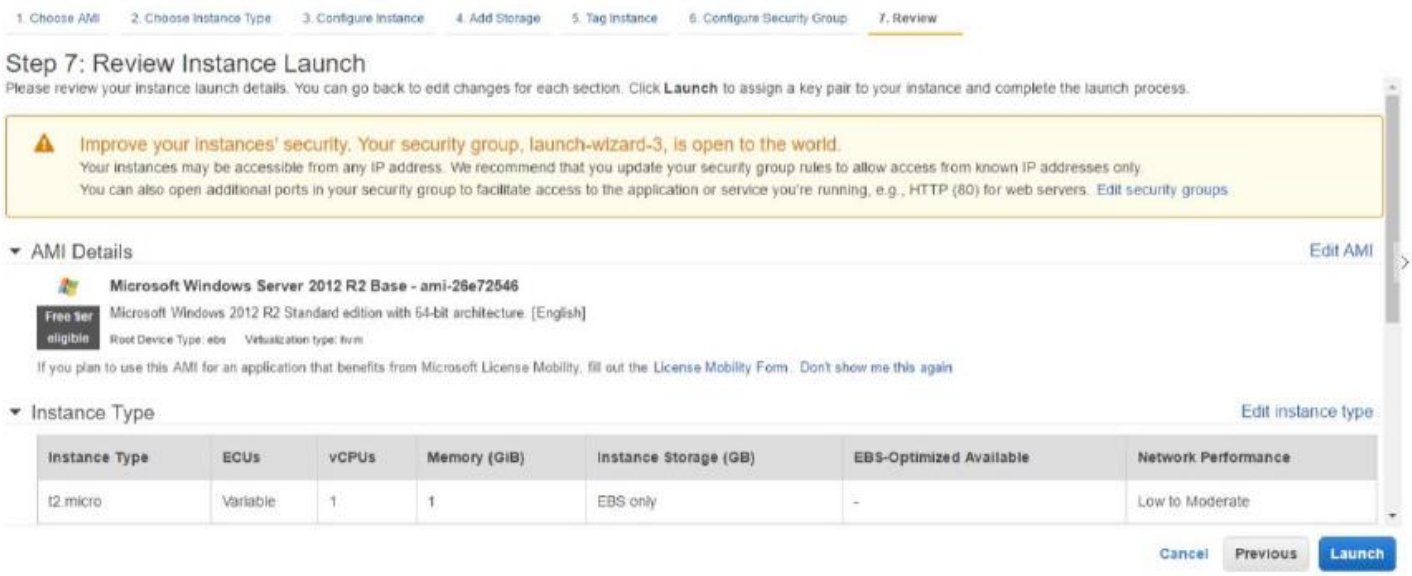


Figure 7: Review Instance.

Once you clicked on Launch, a pop-up will appear to configure a key pair for your instance. Create a new pair if you don't have one or select an existing if you already have a key pair configured and press the launch Instance to run your instance.

Step 07:

Now you can the Windows instance you created, running successfully.

Figure 8: running instances.

Accessing the Running AWS Windows Instance

Step 01:

From the above step, click on the instance and select connect.

Figure 9: Connect to instance.

A pop-up will appear to locate your key pair. Locate it from your computer and click Decrypt Password.

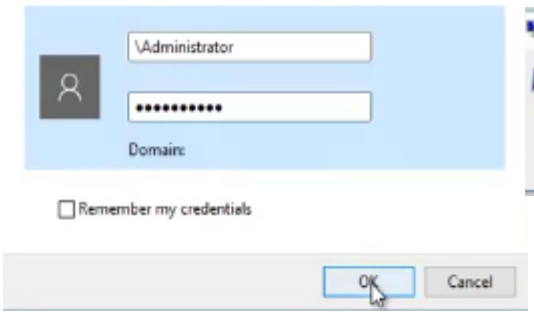
Step 02:

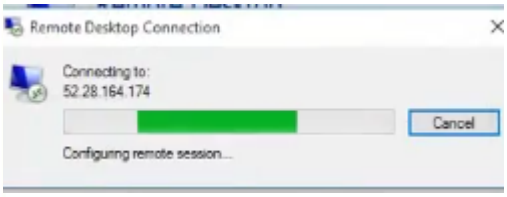
Now you can see the login credentials for your Windows Instance.

Figure 10: Credentials.

Step 03:

Run Remote desktop in your local machine and use the above credentials to access the AWS Windows Instance.





Step 04:

Now you can use your Windows Machine in AWS.

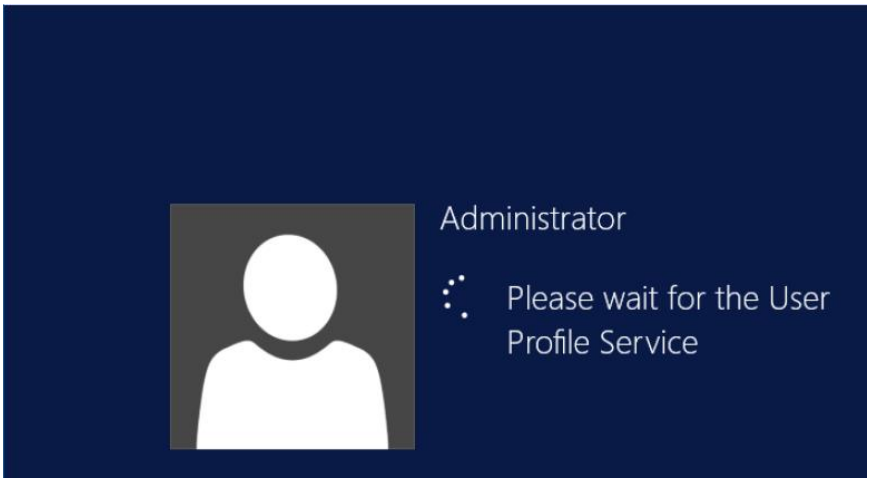


Figure 11: Final step