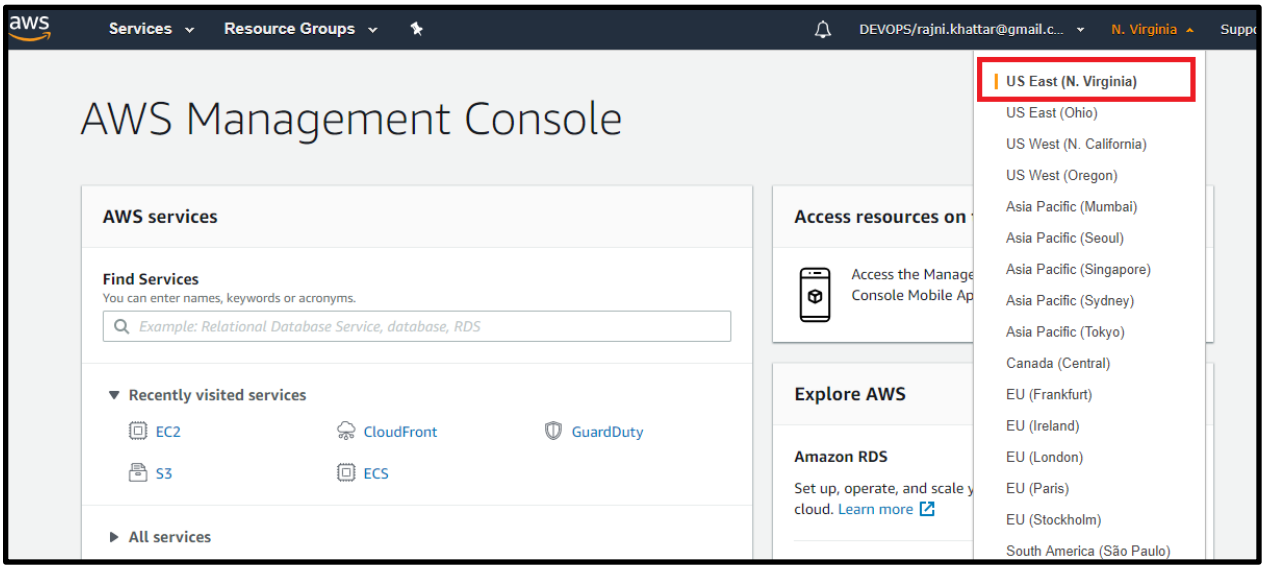
RIL AWS Lab Access Instructions for GitHub and Docker

To login to the AWS account, please browse to the below URL:

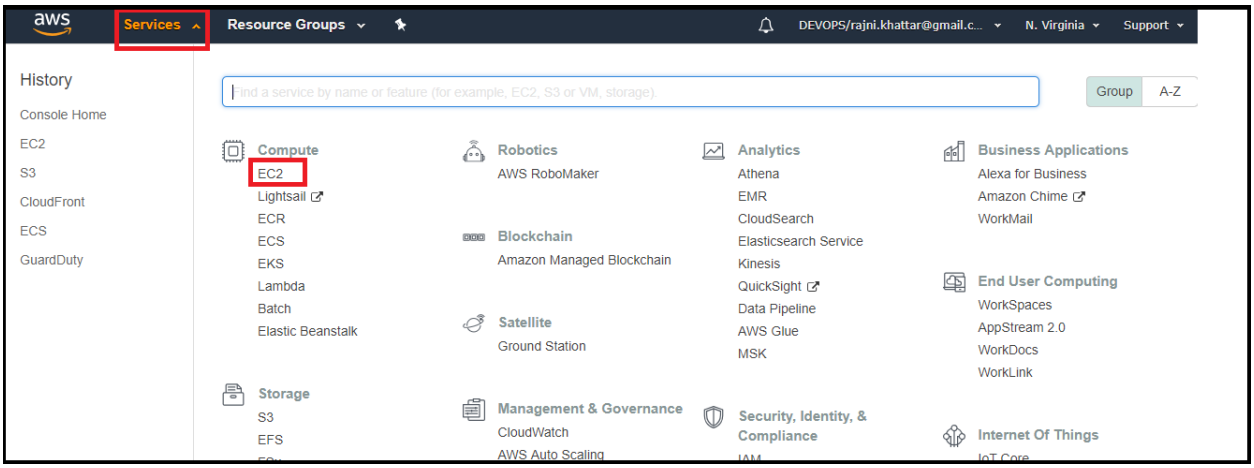
https://bit.ly/2nhKGAQ

Signup with your **email account** and you will be redirected to AWS Console as shown below

Make sure that you are in **N.Virginia** region
If you have been redirected to **Ohio** region, please update the region to N.Virginia from the dropdown from the top right as shown below.

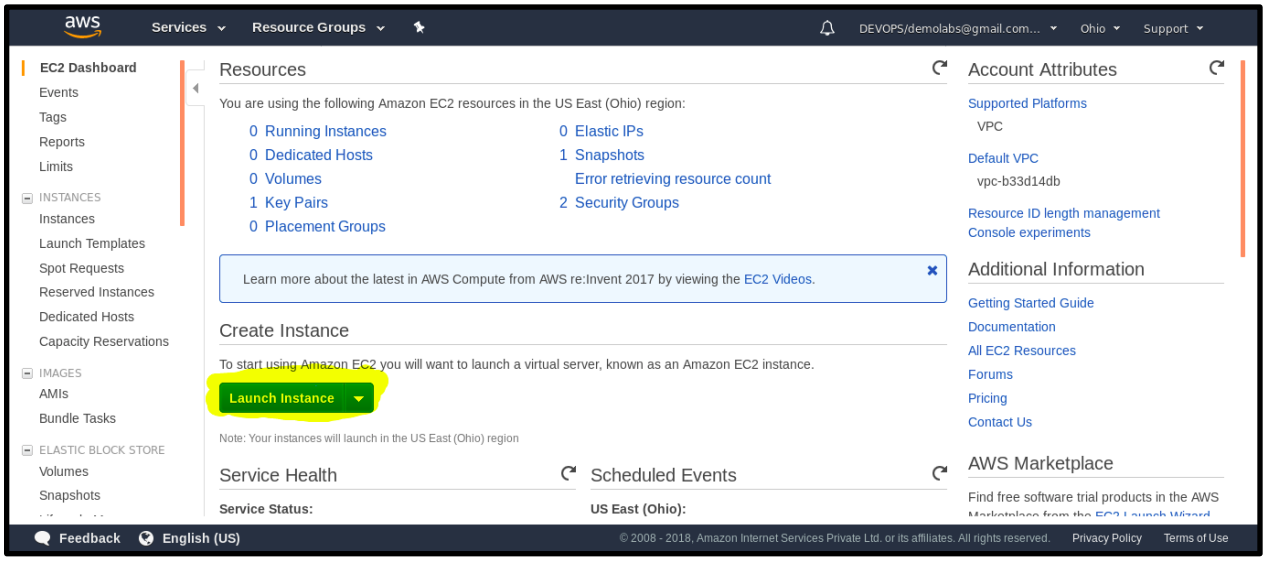


Now navigate to Services -> Click on **EC2** (Elastic Compute Cloud).

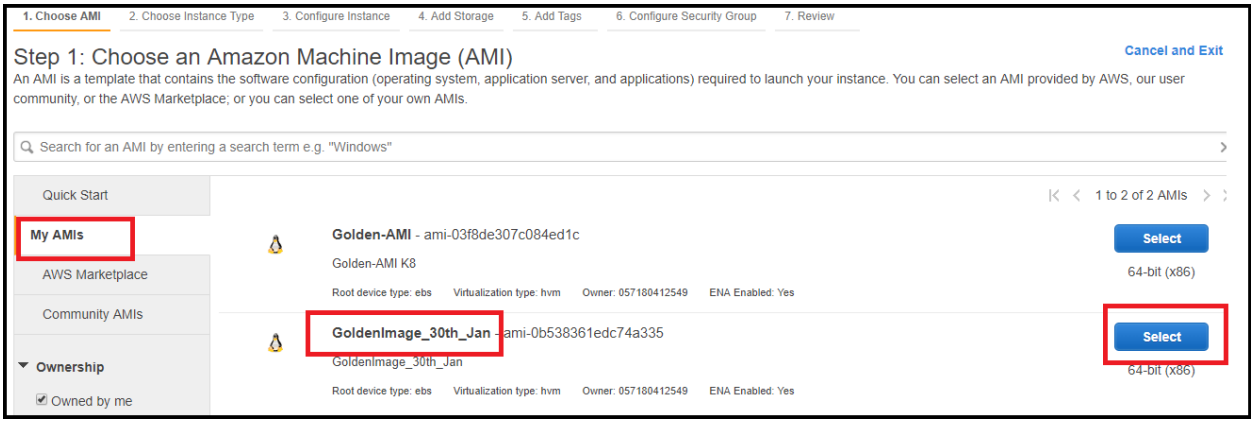


Follow the steps mentioned below-

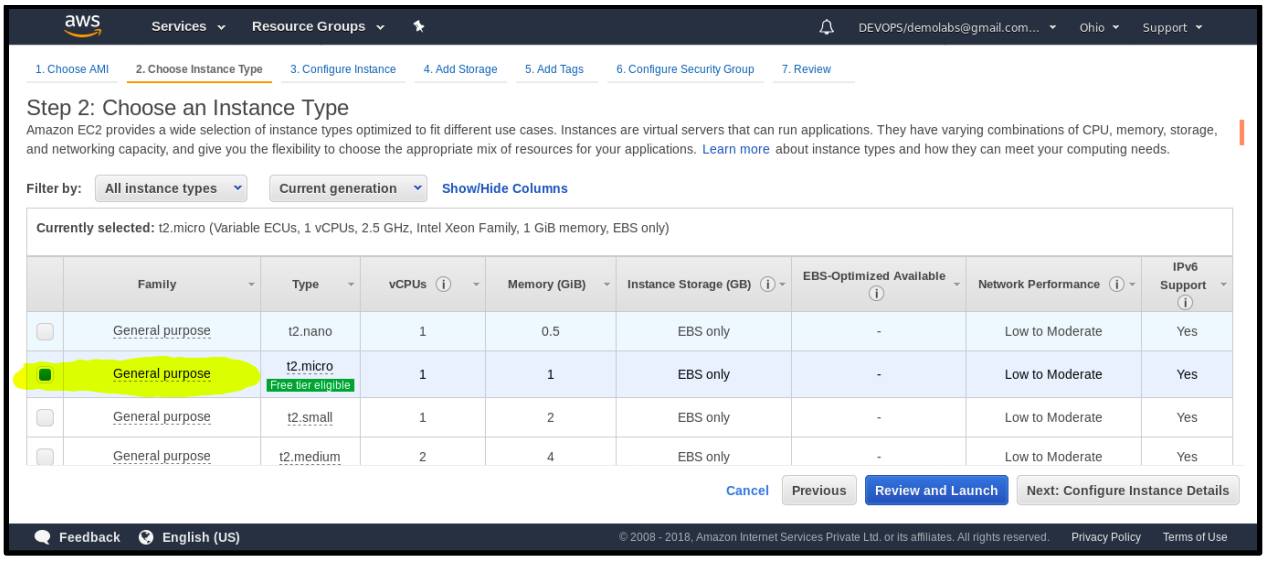
1.) On the **EC2 Dashboard,** click on **Launch Instance** as shown below:



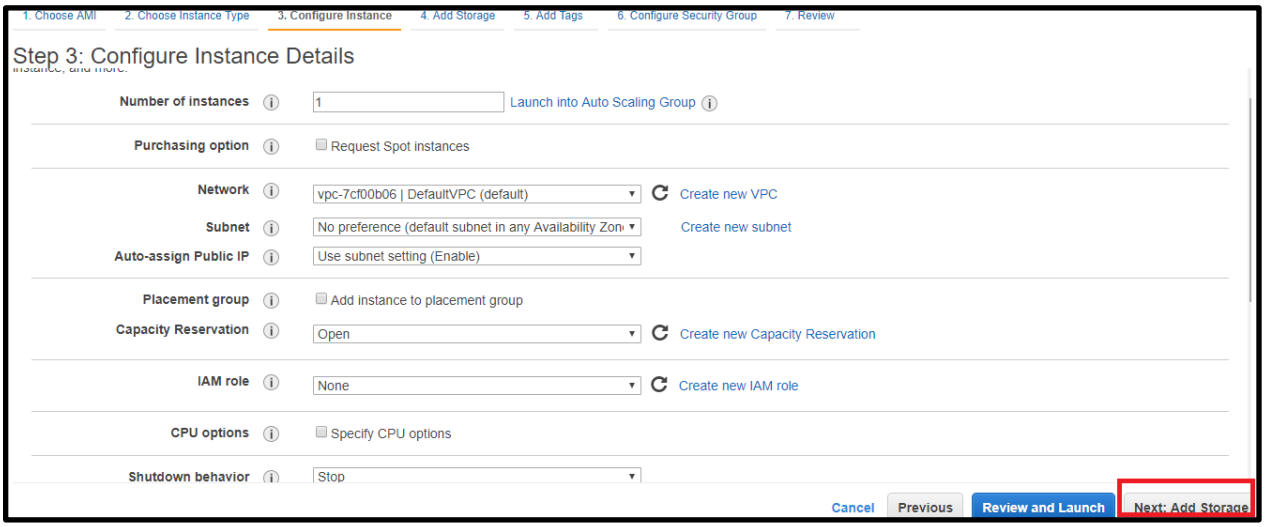
2.) Select **GoldenImage_30th_Jan available under My AMIs**



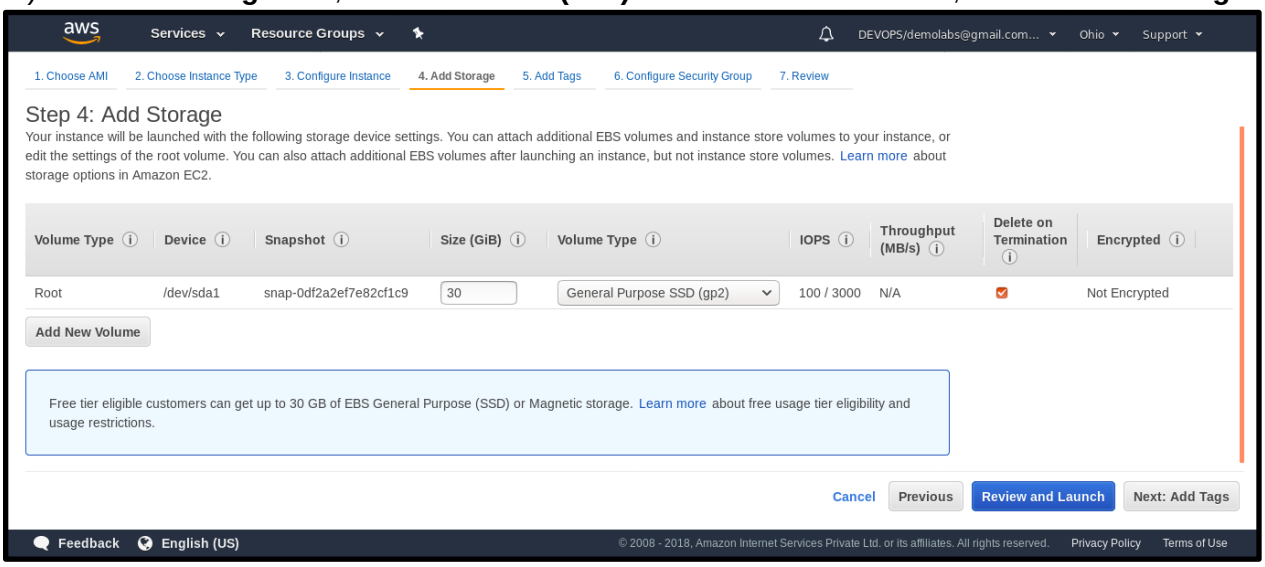
3.) Now on **Choose Instance Type** tab, Scroll down and select the **General purpose t2.micro** as the **Instance Type** and Click on **Next: Configure Instance Details**



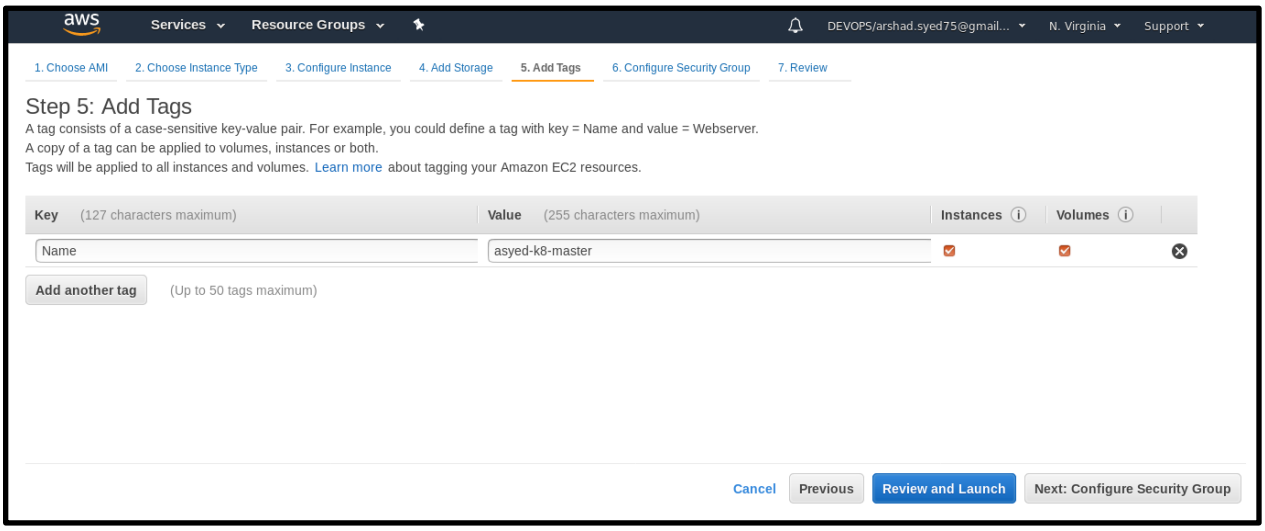
4.) On **Configure Instance** Tab**,** Click on **Next: Add Storage** button



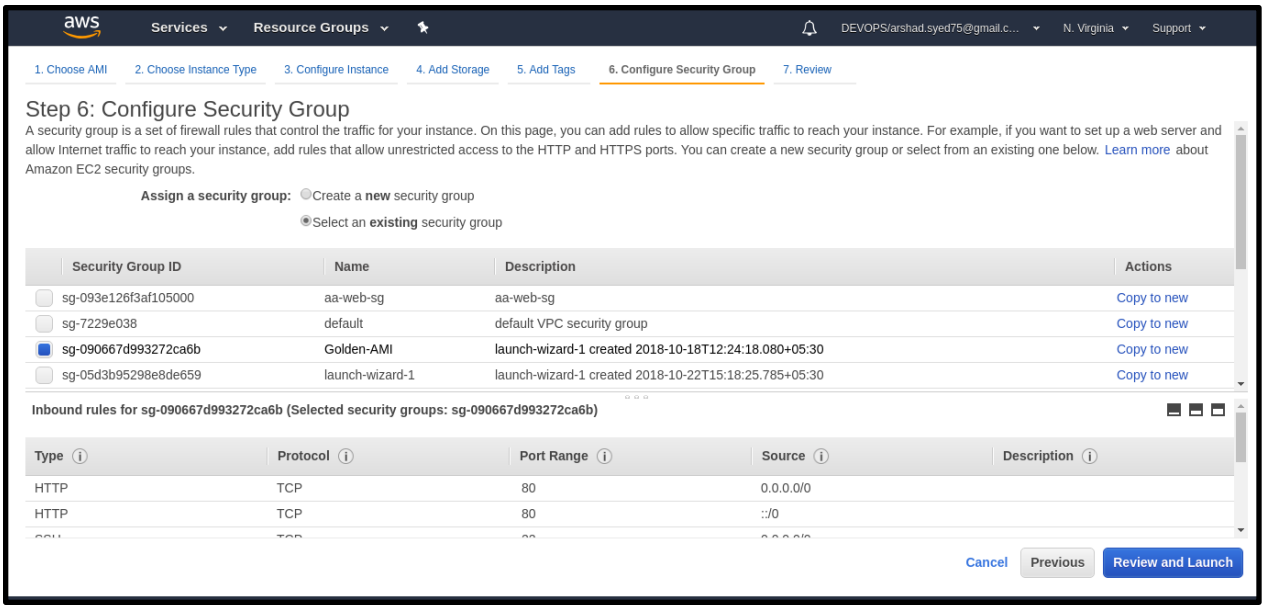
5.) On **Add Storage** Tab, Ensure the **Size(GiB)** of the instance is **30GiB**, Click **Next:Add Tag**



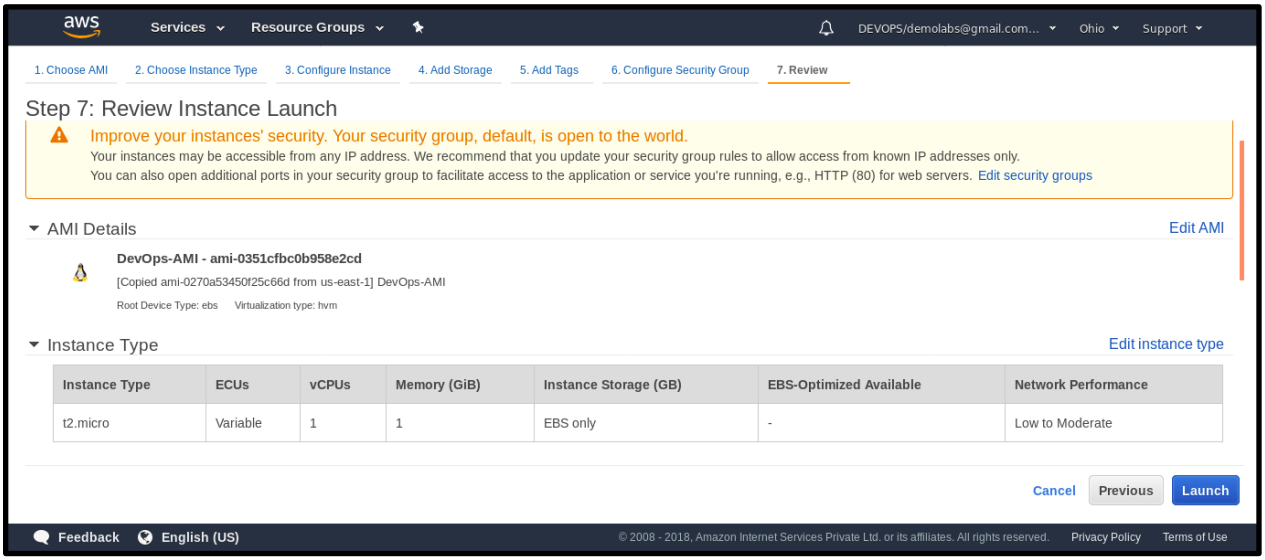
6.) On **Add Tags** Tab, Click on **Add Tag** button.
Under Key, type **Name** and in **Value**, type a tag name in the format **<your-name>-server** and replace <your-name> with your name so that you can identify your instance once it has been launched and then click on **Next: Configure Security Group** button.



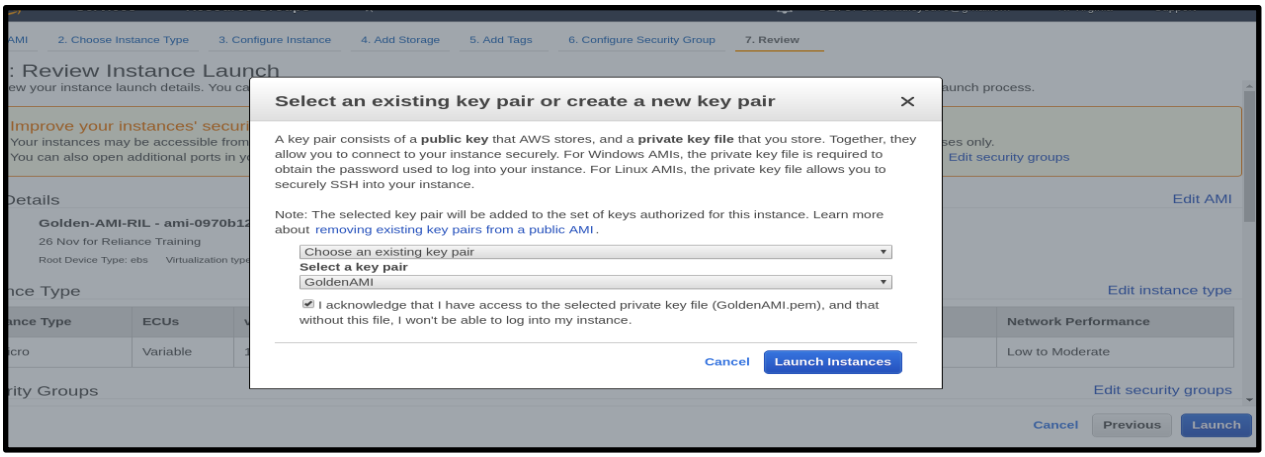
7.) On **Configure Security Group** Tab, Select **Assign Security Group** as **Select an existing security group,** wait for some time till the Security Group Rules are loaded completely and then select the security group with **Name** as **Golden-AMI** and then click on **Review and Launch** button



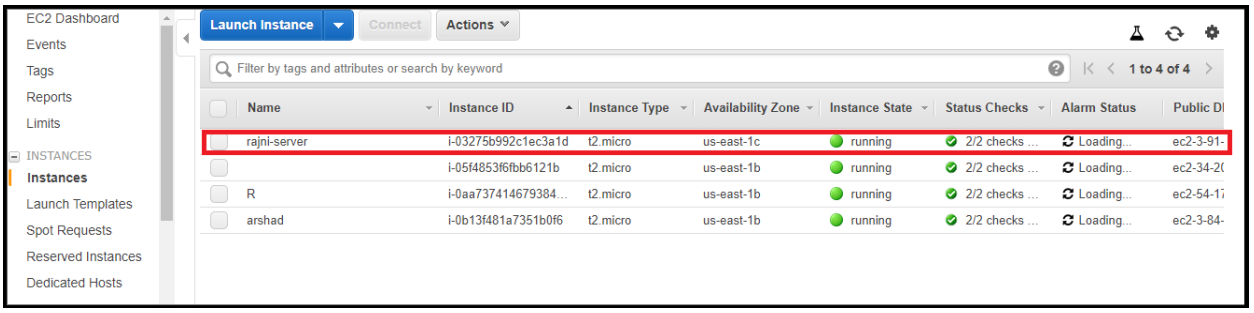
8.) On **Review** Tab, Review the instance details by scrolling the page and click on **Launch** button once all the details are verified.



9.) Select **Choose an existing key pair** and select **GoldenAMI**, Select the **I acknowledge** checkbox and click on **Launch Instances**

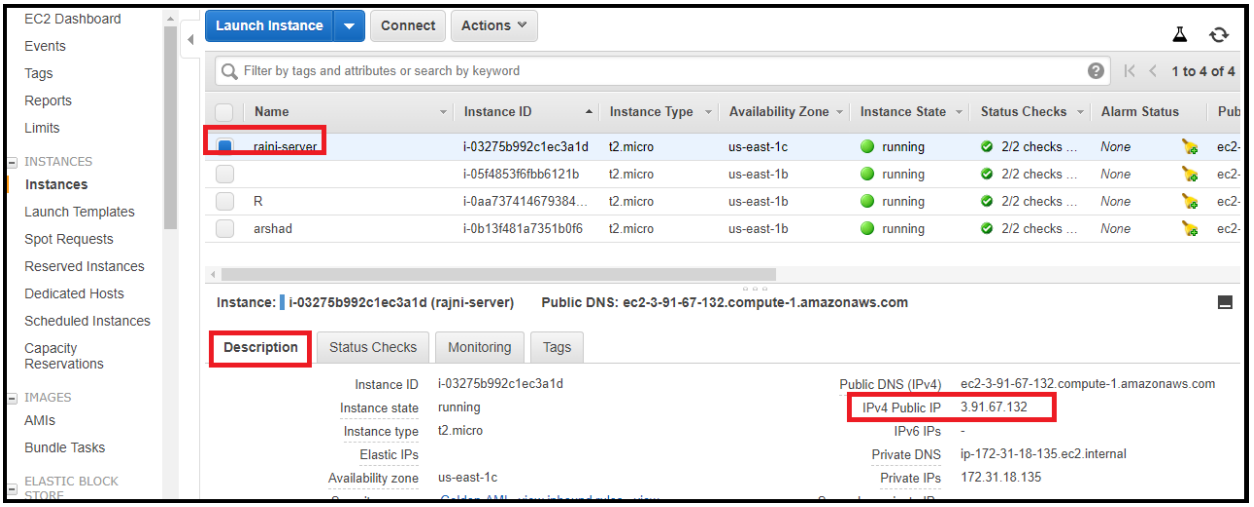


10.) Navigate to EC2 Dashboard -> Instances. Your Instance should be listed there.



You can search for the instance under the search field with the **tag name** you associated during the launch configuration.

Once the **Instance State** start showing **running** and **Status Checks** show **2/2 checks passed**, your instance will be launched completely. Select the instance row to view its details. You can find the Public IP address and other details of the instance in the **Description** Tab as shown below



Note: the credentials for your instance is:--
Username: devops
Password: Dev0p$!!/

You can ssh to your instance using ssh Client and following the steps as mentioned below:-

Run this command and replace xxx.xxx.xxx.xxx with public IP of your instance.

$ ssh devops@xxx.xxx.xxx.xxx
Hit enter and enter the password **Dev0p$!!/** when prompted