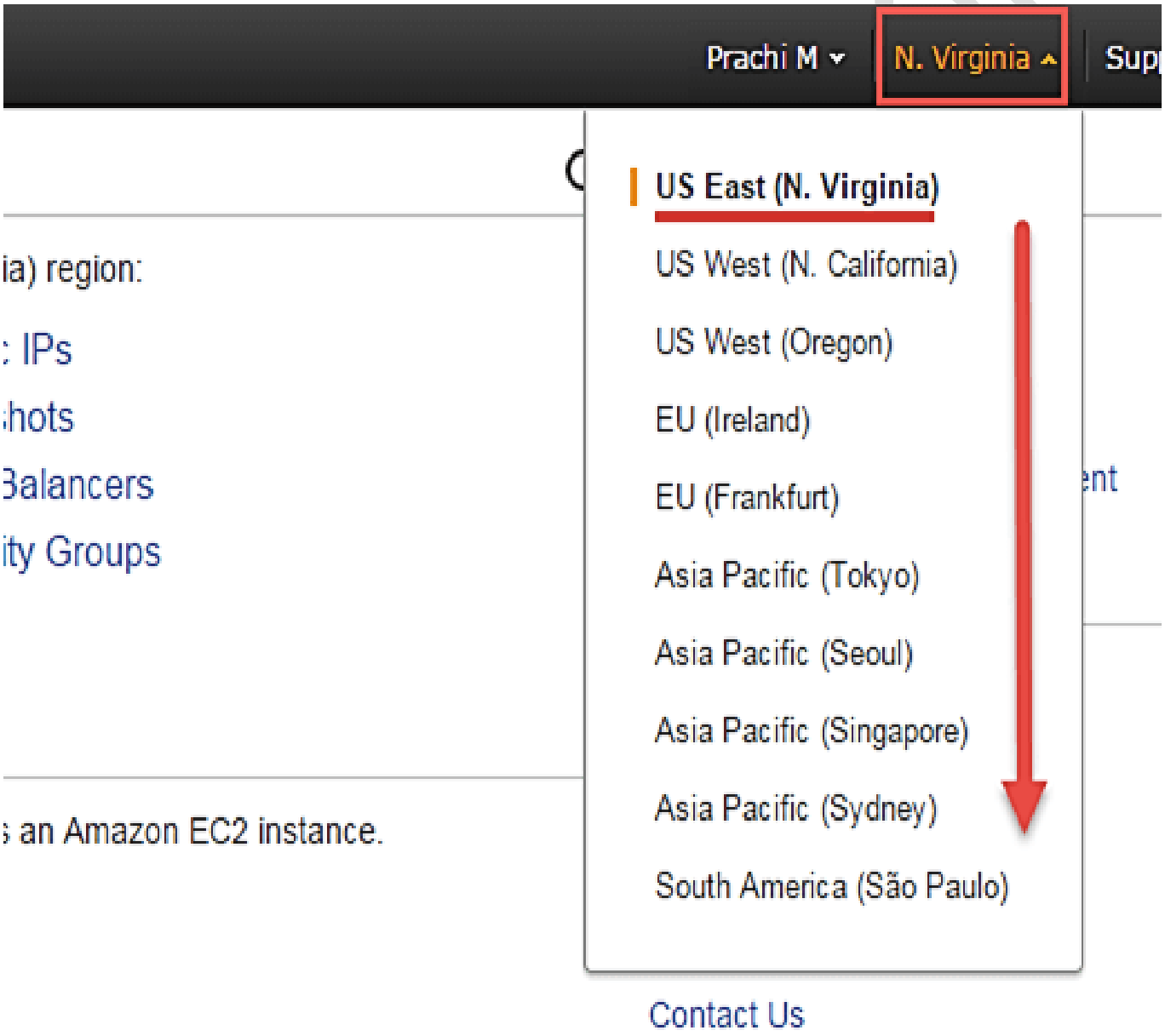
How to Create EC2 Instance in AWS

Create an AWS Account and Sign into AWS.

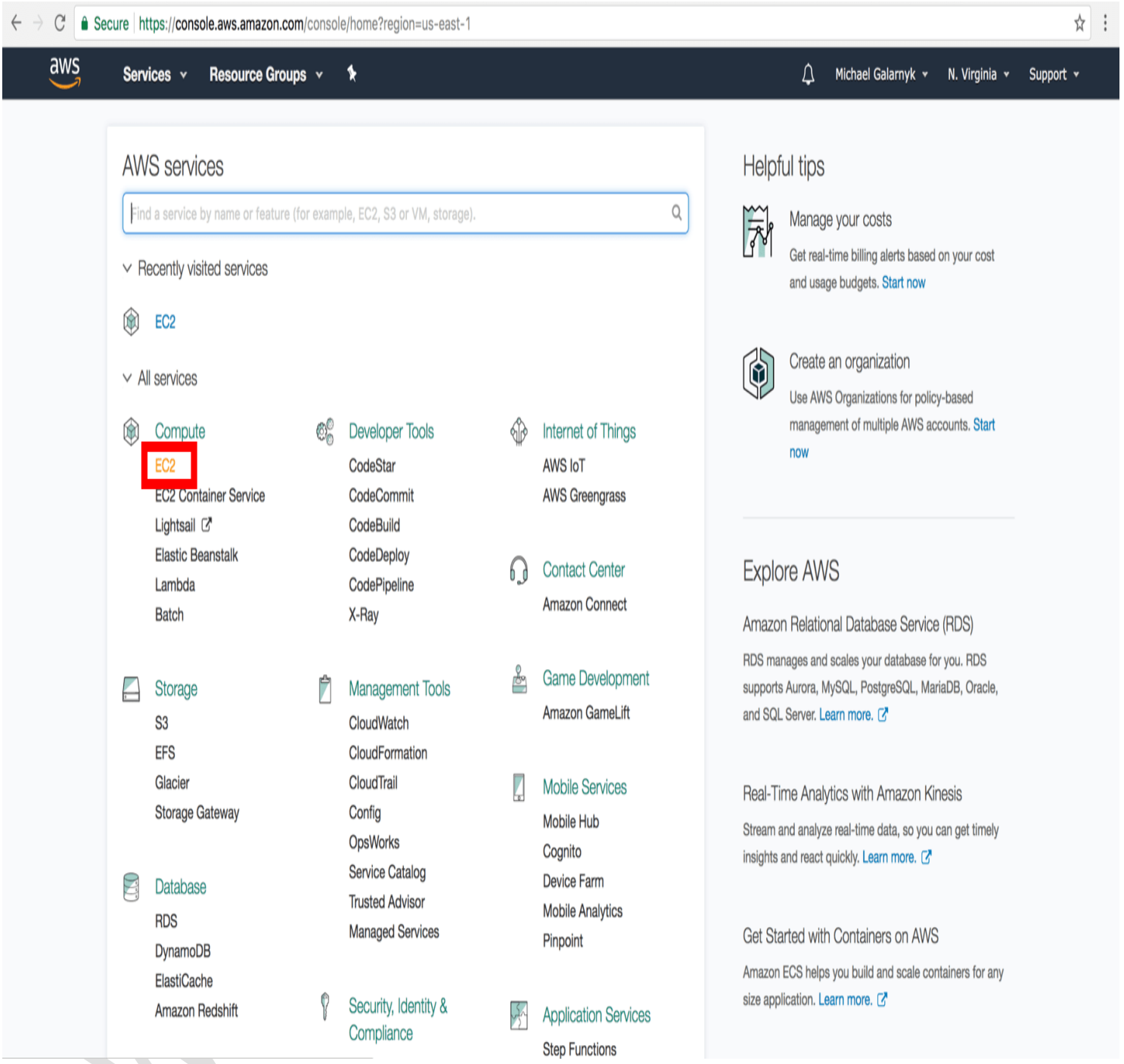
1.On the Amazon Web Services site (http://aws.amazon.com), click on "Sign In to the Console". Sign in if you have account. If you don't, you will need to make one.

On the top right corner of the EC2 dashboard, choose the AWS Region in which you want to provision the EC2 server.

Here we are selecting N. Virginia. AWS provides 10 Regions all over the globe.

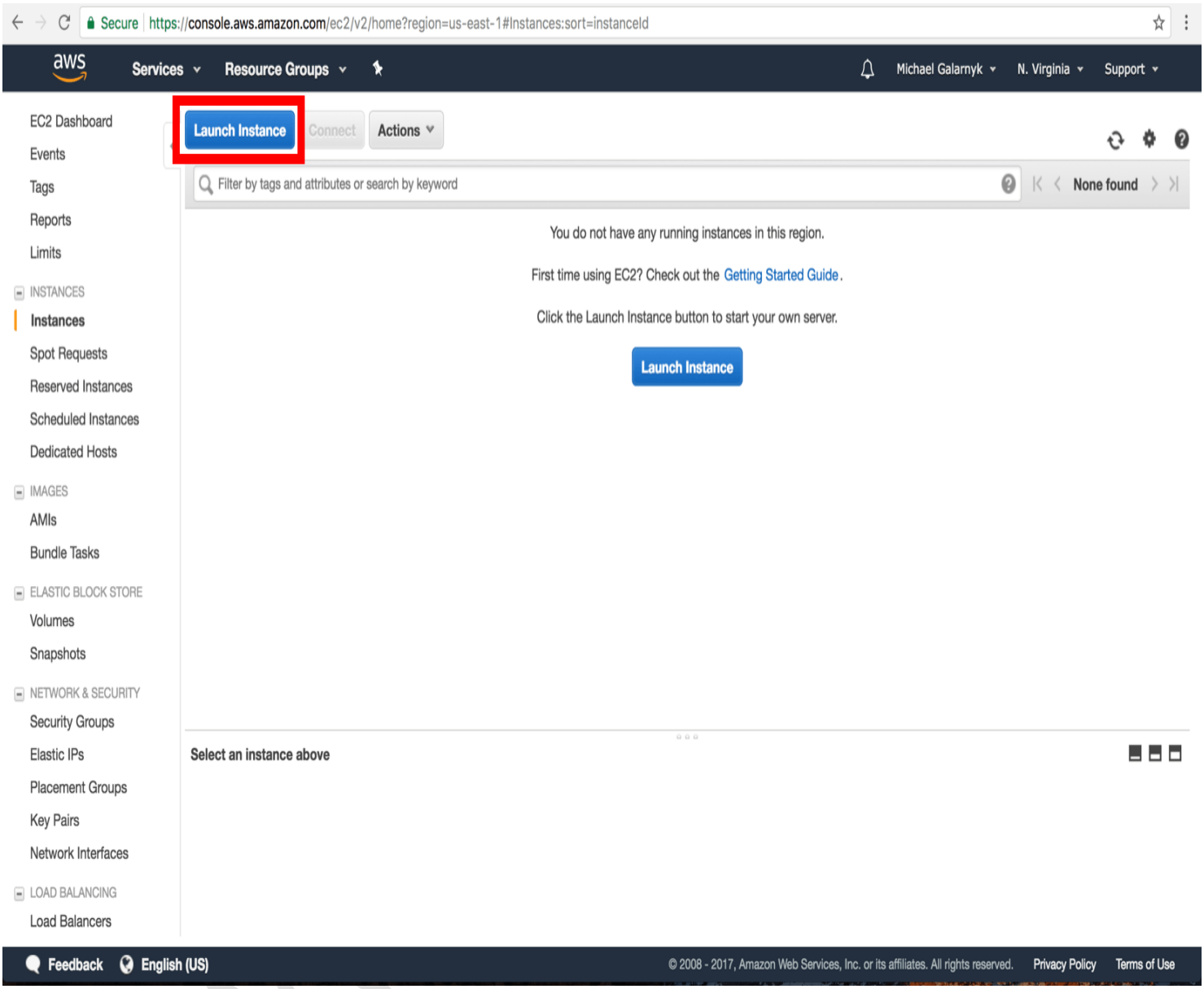


2.On the EC2 Dashboard, click on EC2.

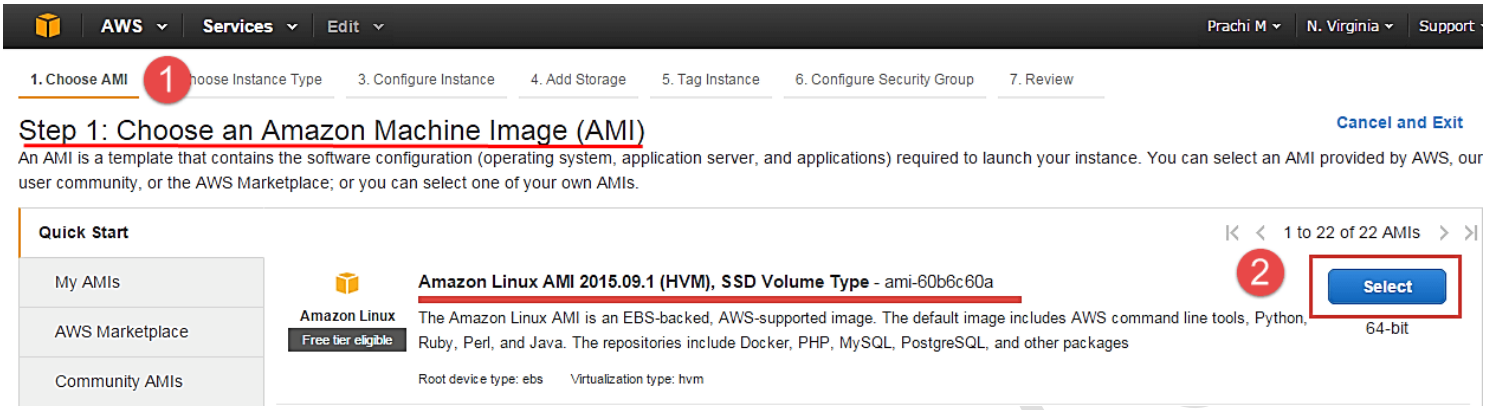


Create an Instance

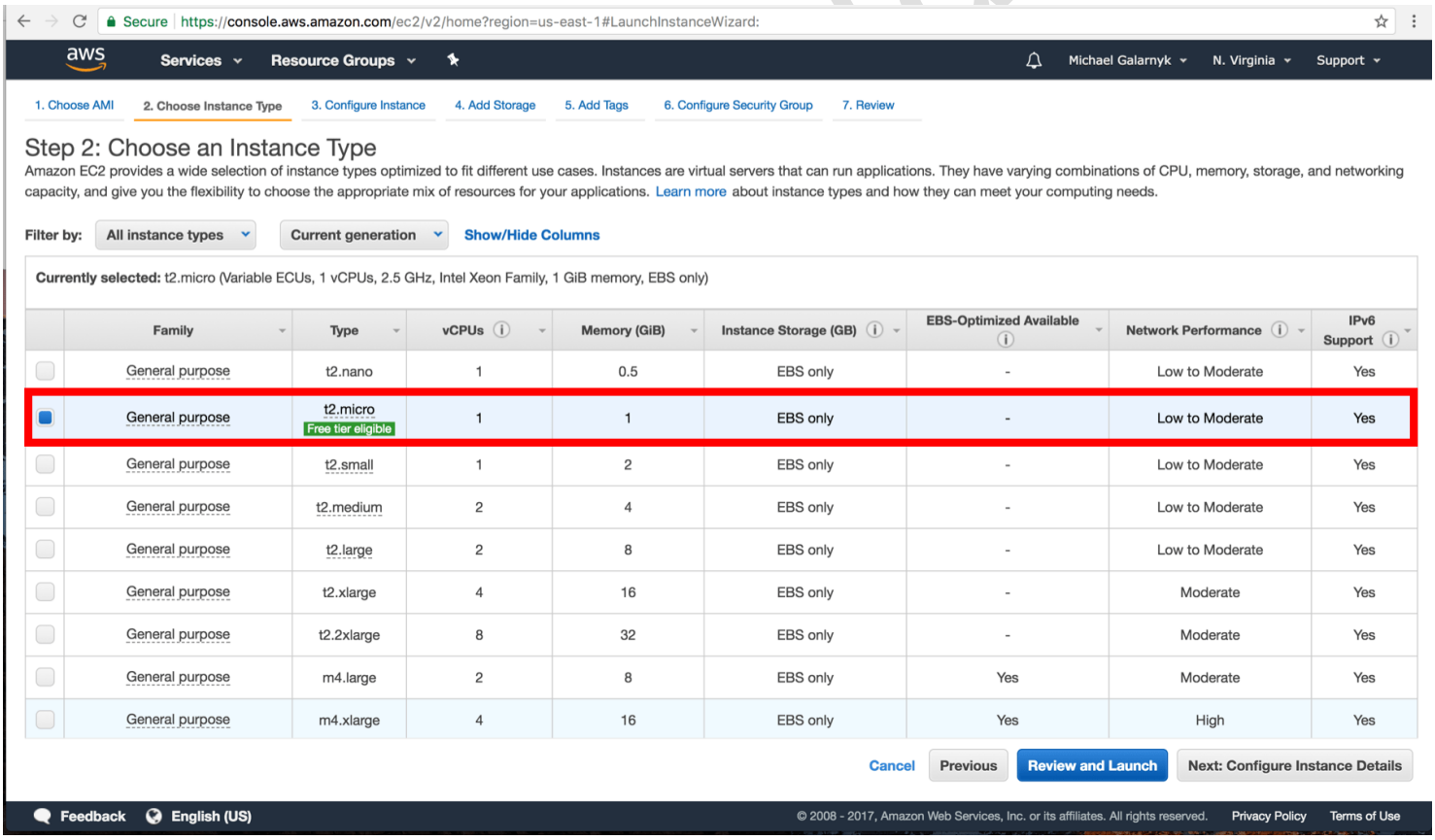
3.On the Amazon EC2 console, click on Launch Instance.



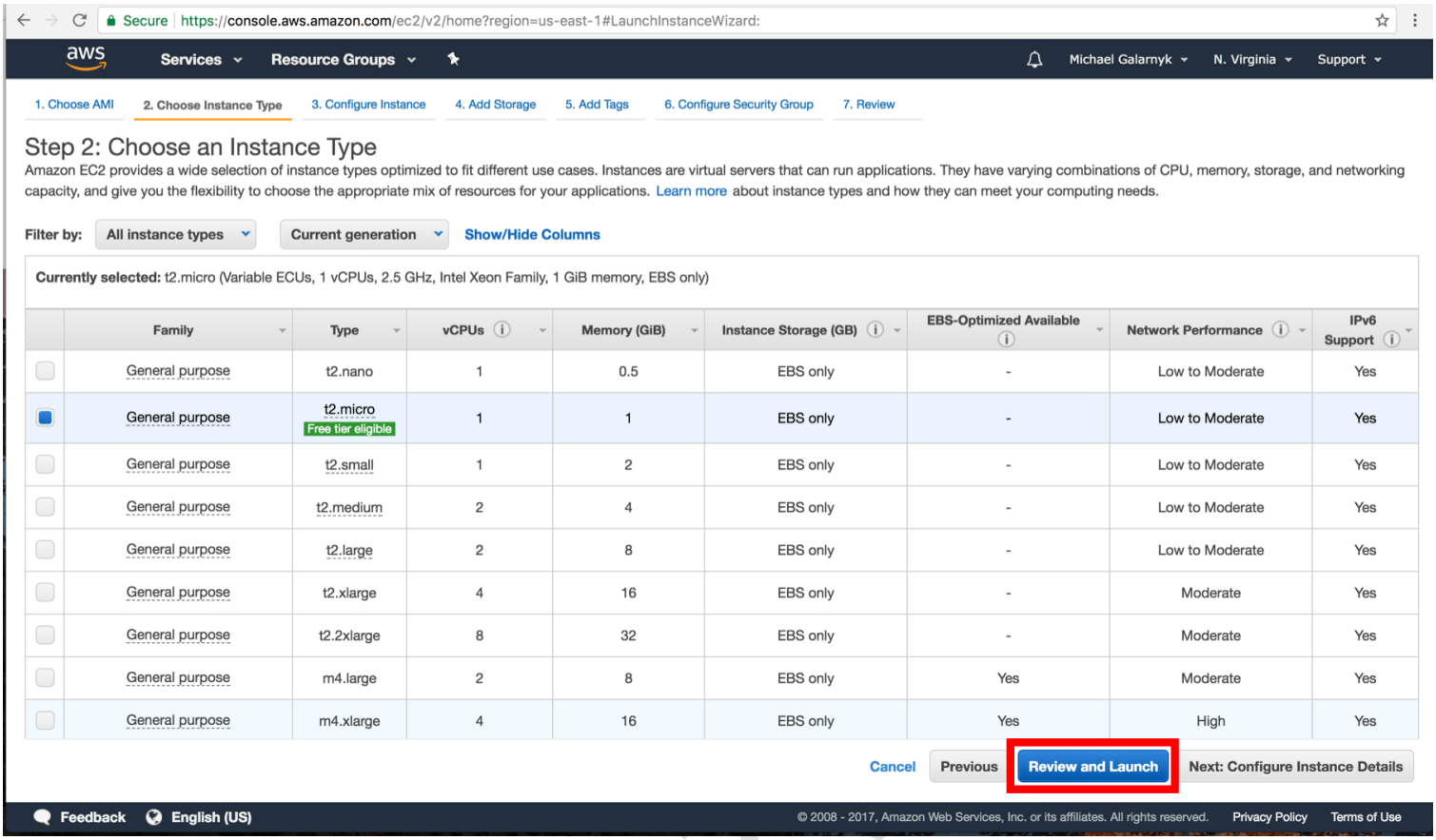
4.Click on the "Select" button in the row with Microsoft Windows Server 2016 Base. Please note that this will create a Windows based instance instead of a typical Linux based instance. This effects how you will connect to the instance.



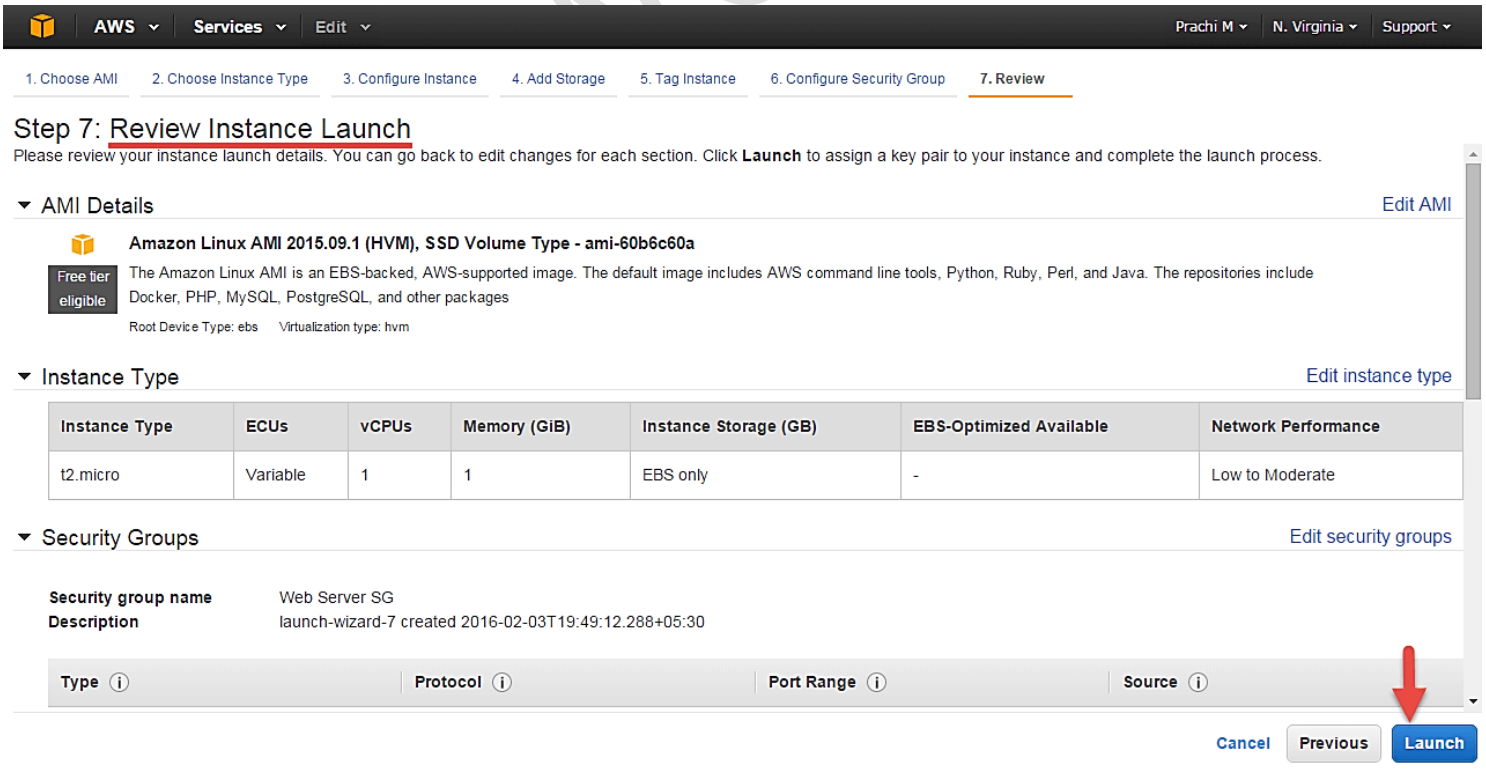
5.Make sure t2 micro (free instance type) is selected.



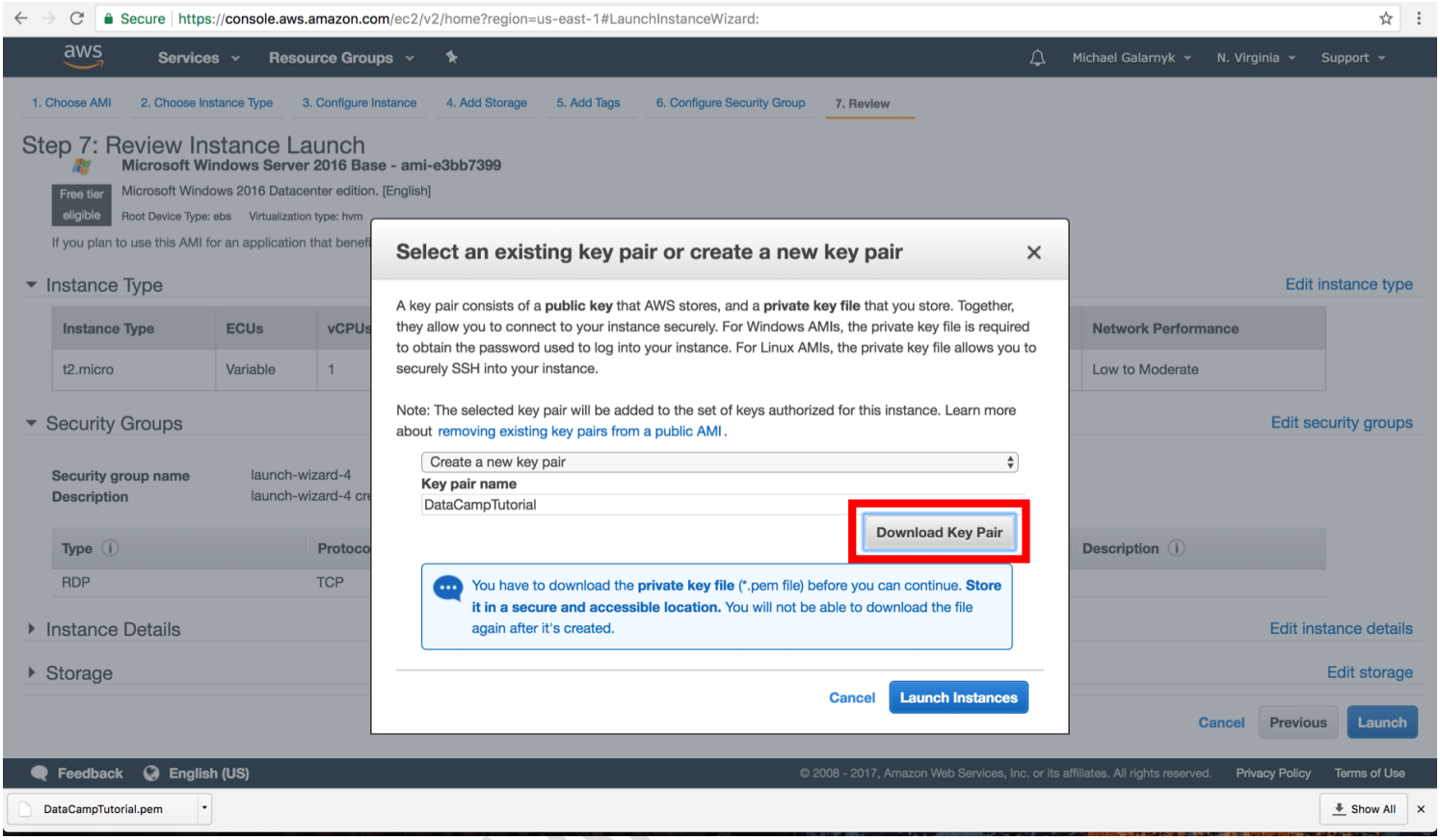
and click on "Review and Launch"



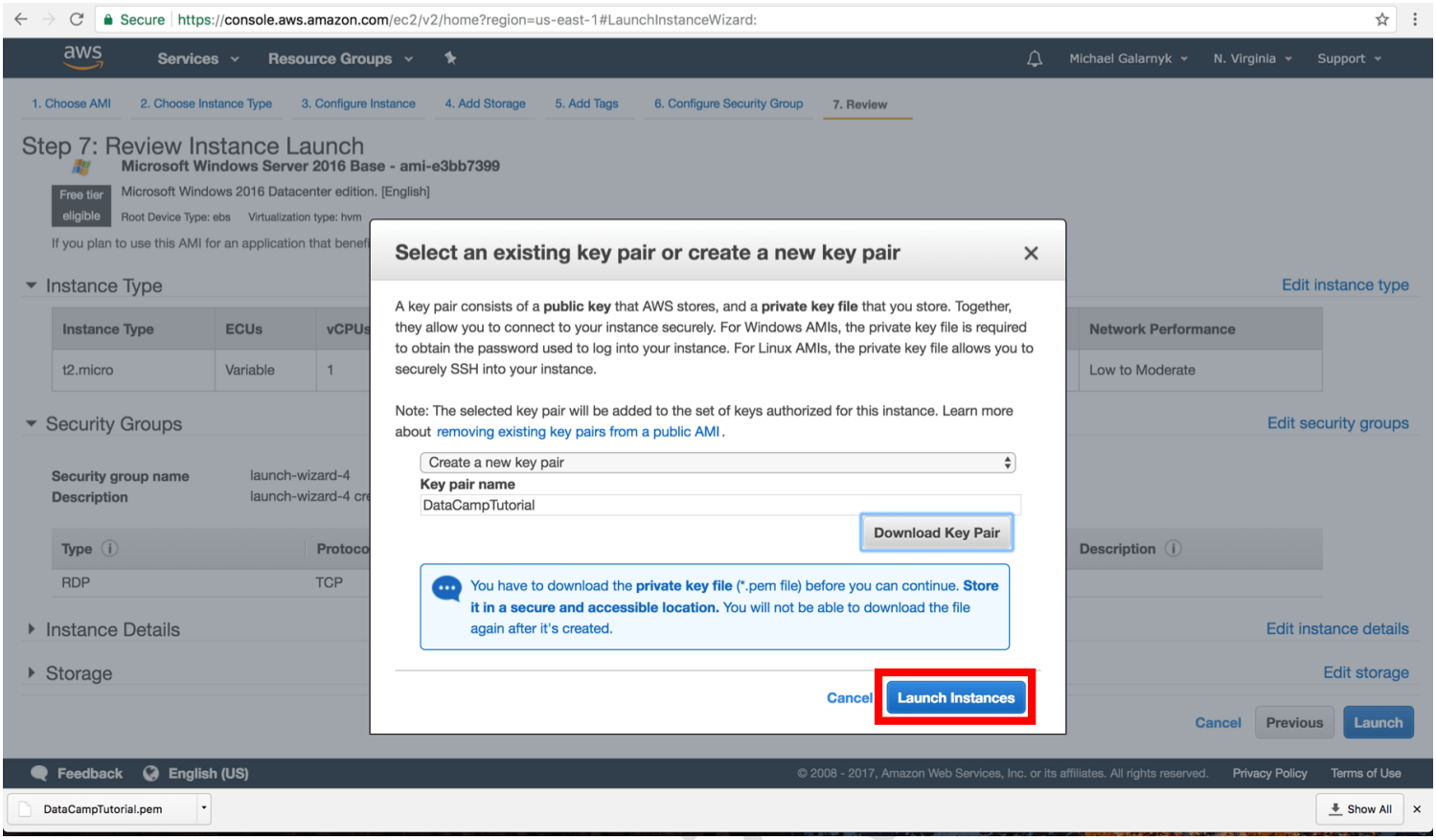
6.Click on Launch.



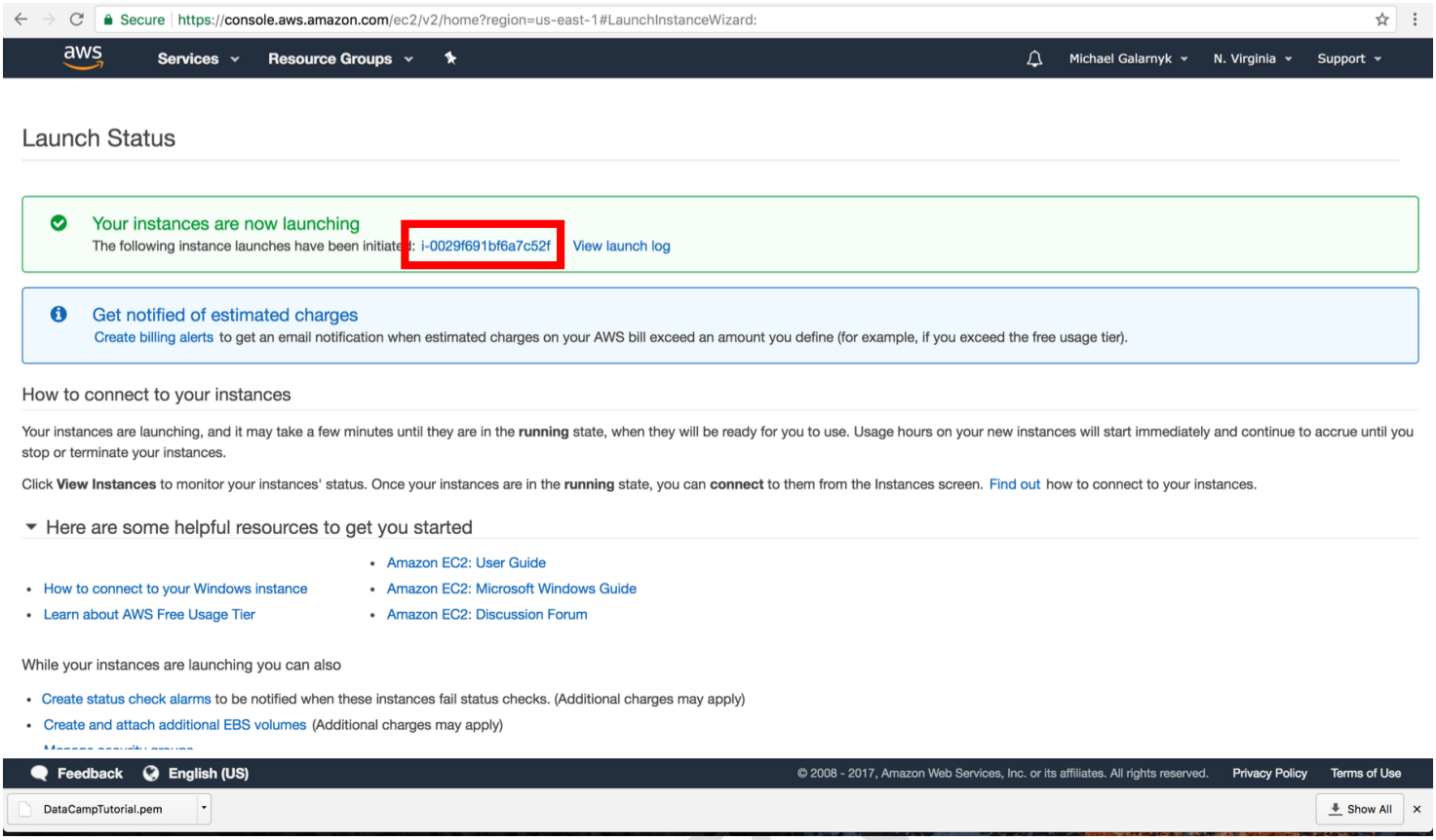
7.Select "Create a new key pair". In the box below ("Key pair name"), fill in a key pair name. I named my key DataCampTutorial, but you can name it whatever you like. Click on "Download Key Pair". This will download the key. Keep it somewhere safe.



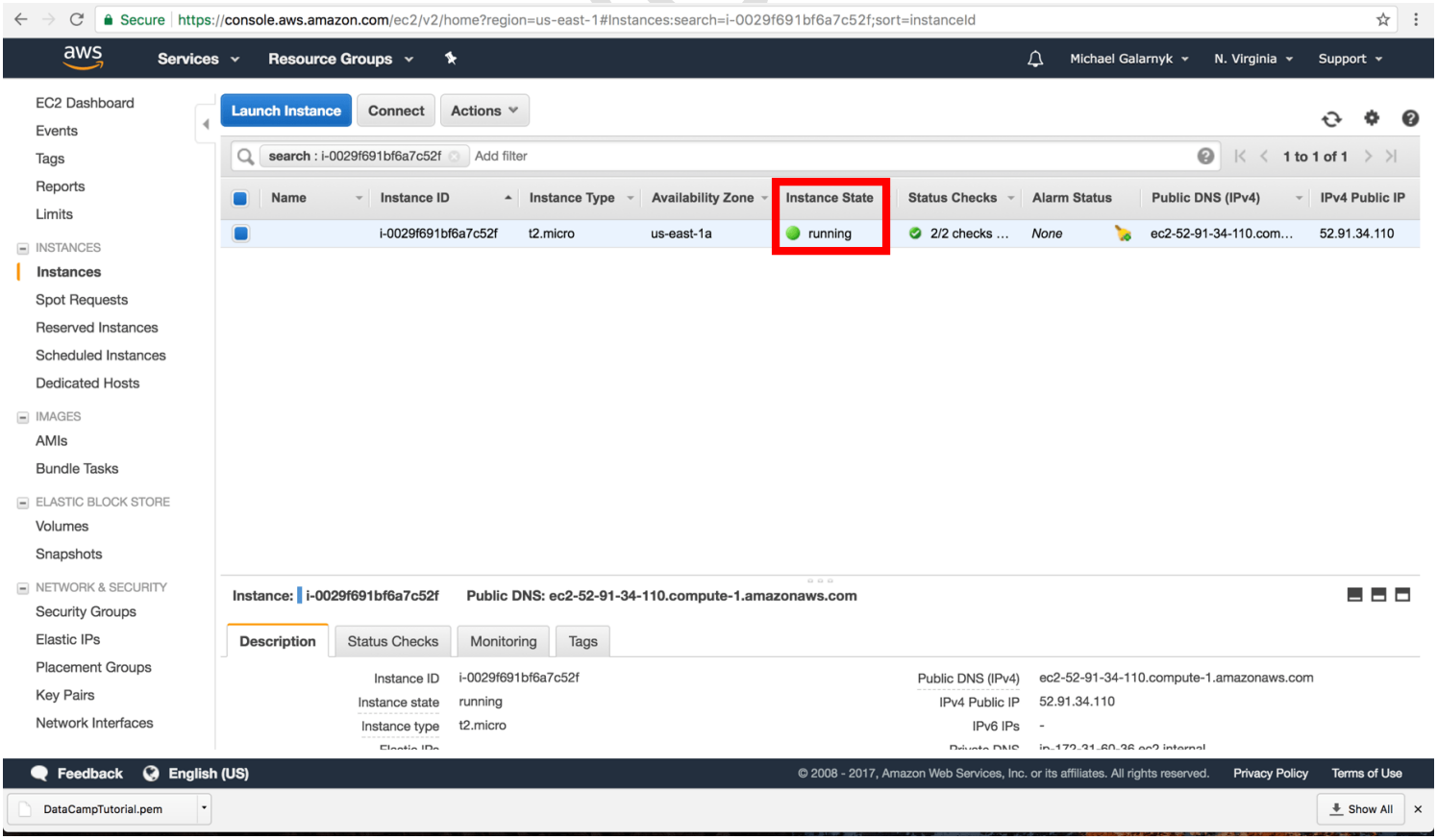
Next, click on "Launch Instances"



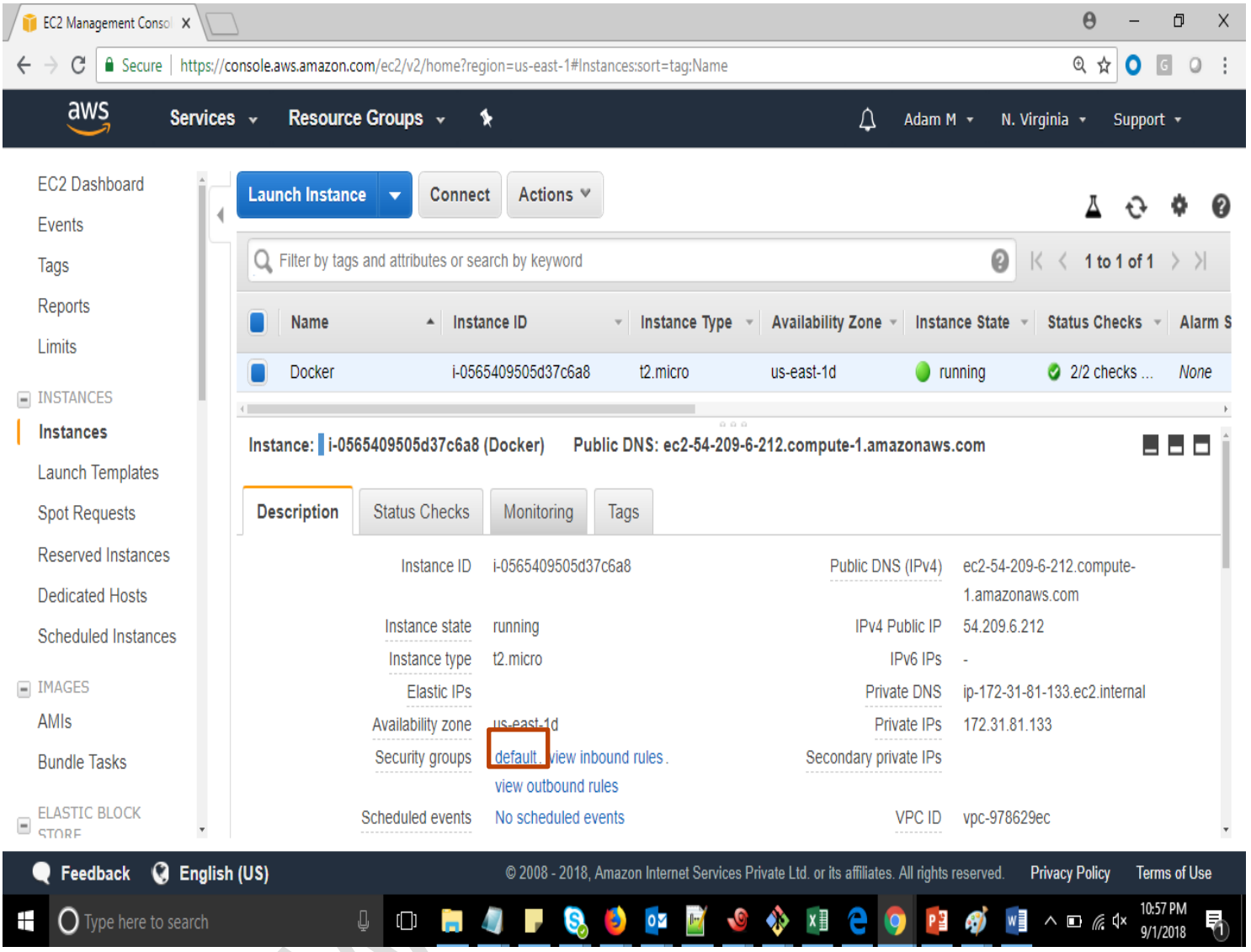
8.The instance is now launched. Go back to the Amazon EC2 console. I would recommend that you click on what is enclosed in the red rectangle as it will bring you back to the console.



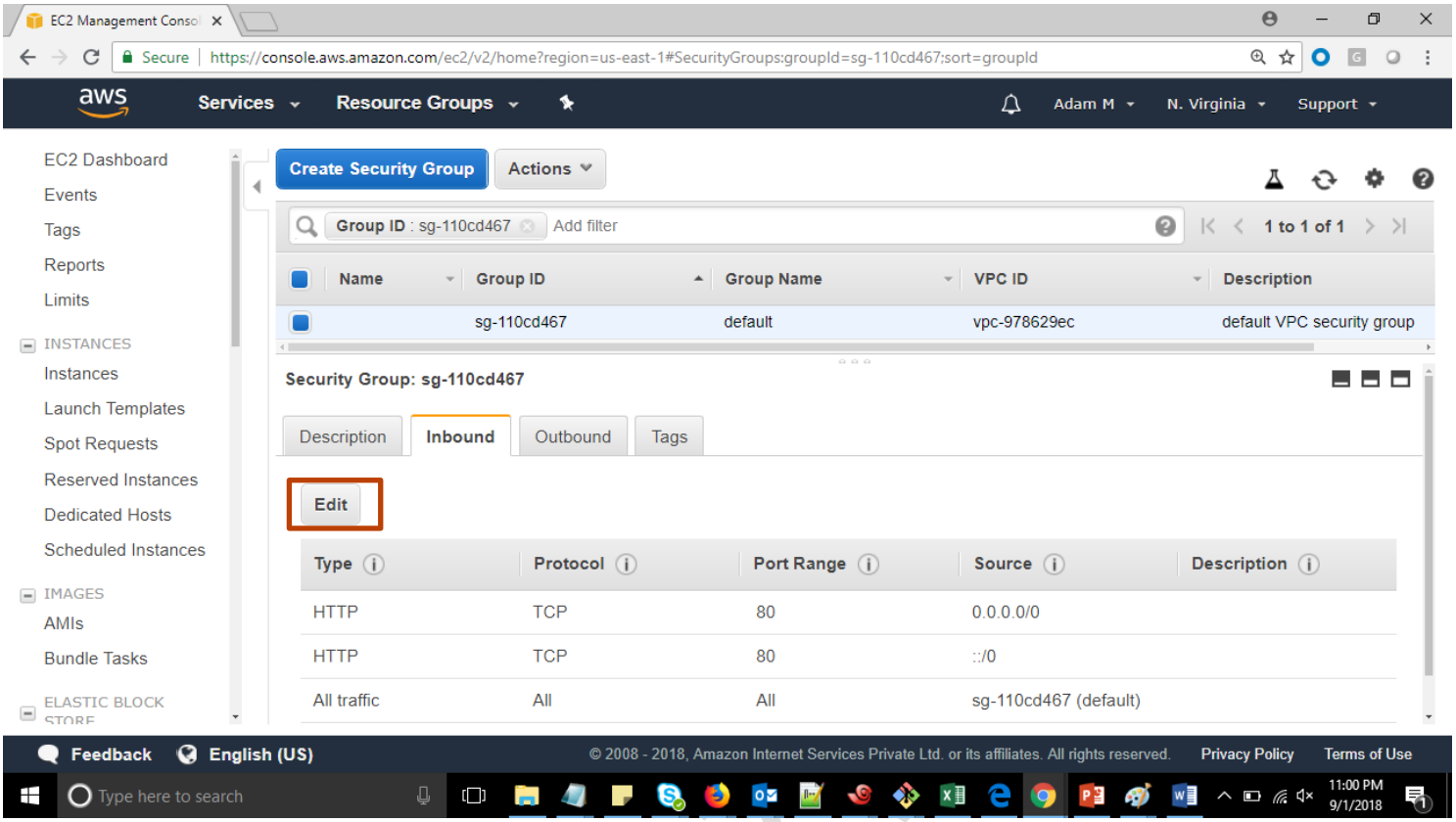
9.Wait till you see that "Instance State" is running before you proceed to the next step. This can take a few minutes.



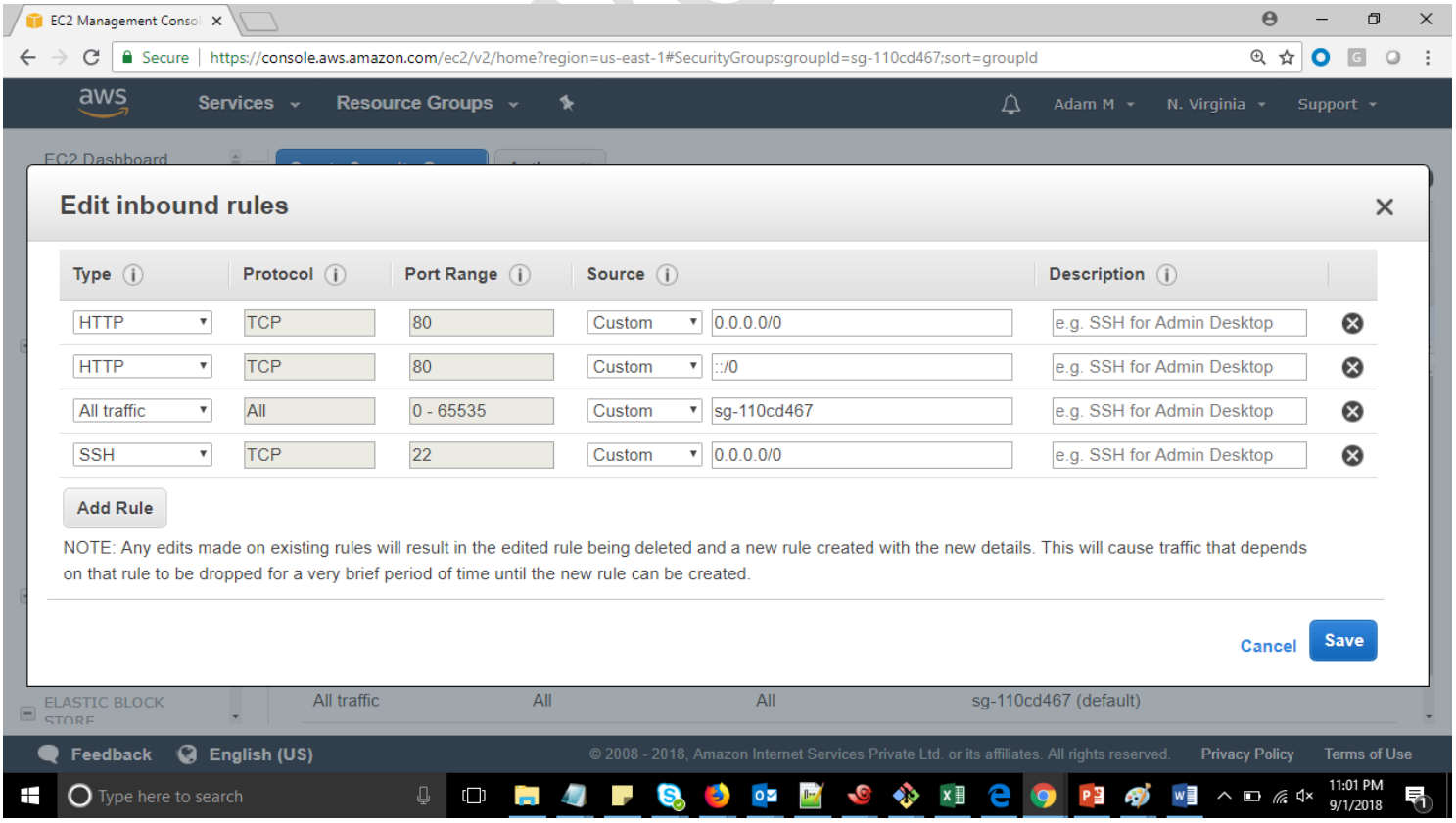
Verify Security Group – Click on default as shown below



Click Inbound Tab and Edit button

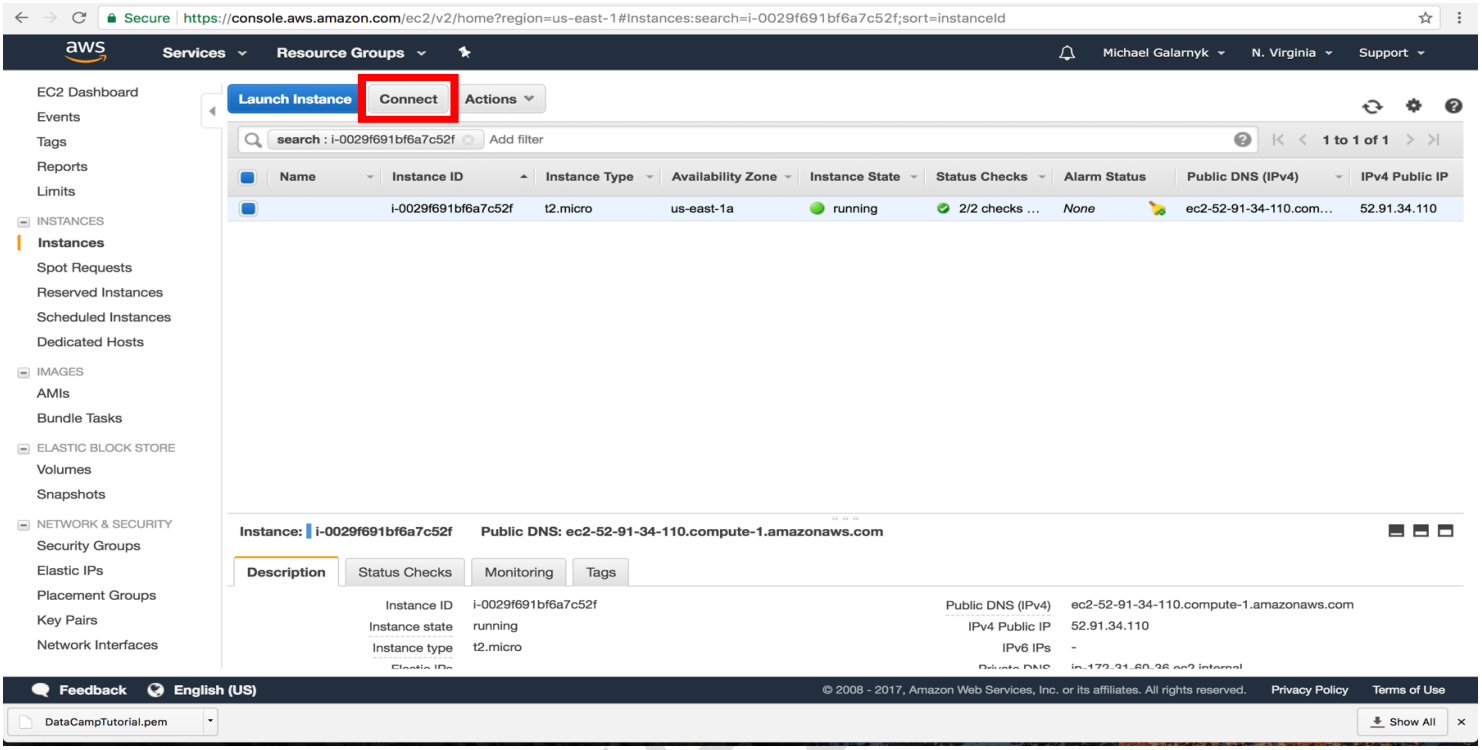


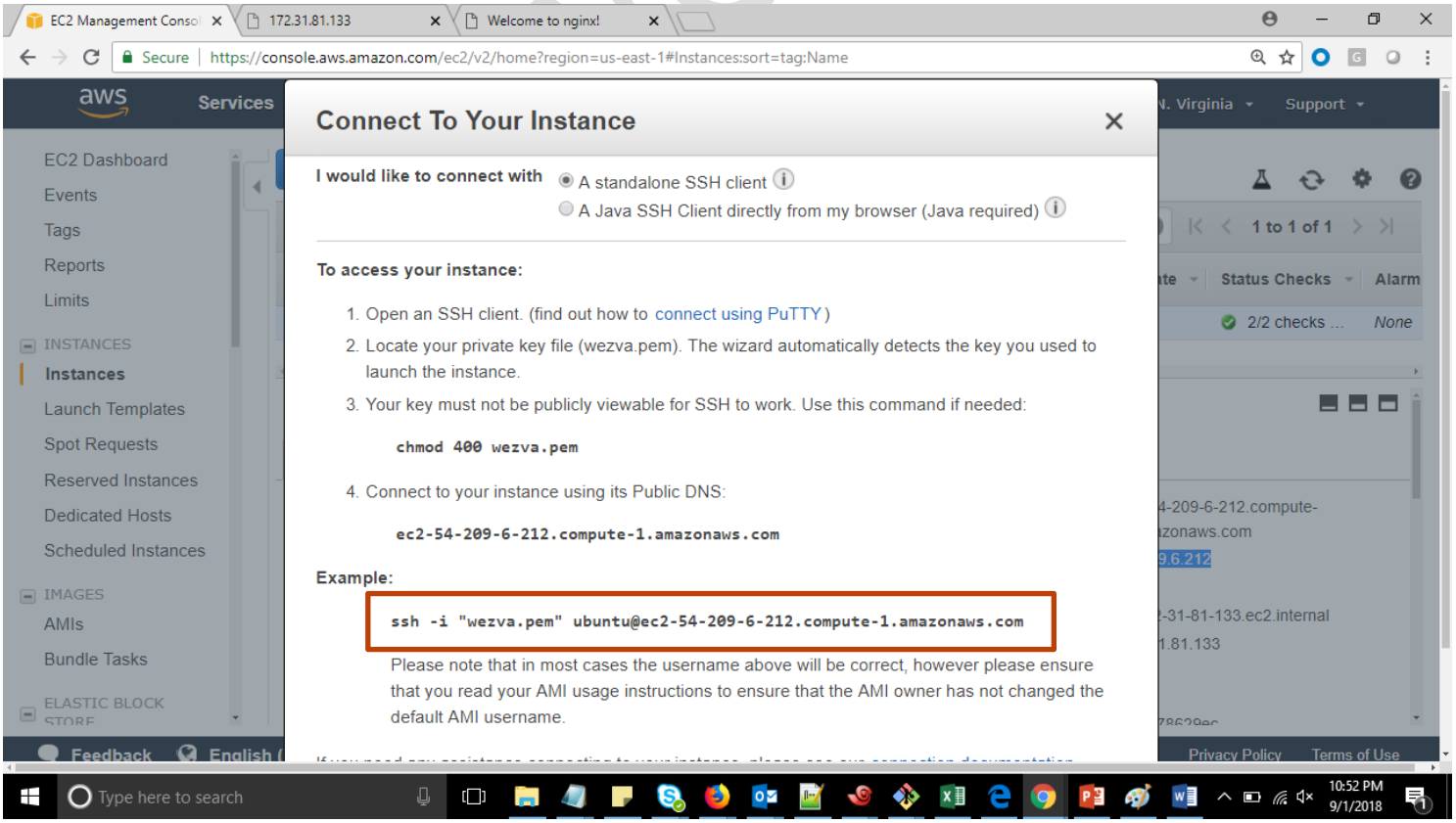
Add Rule and create a new rule for Type:SSH, Source: o.o.o.o/o



Connect to your Instance

10.Click on connect.





11.Run the above mentioned ssh command from the folder where you have copied the pem/key pair file using gitbash.