1. Login into Amazon AWS using your login and password
2. **First Time**: Launch an EC2 instance (if not already running). **Please make sure, that you launch only one instance.** See point 11 to see how to launch an instance
    a. For the first time, you may need to create your own key-pair for login, if you don't have one already. See point number 8 for details.
3. Login using ssh (http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AccessingInstancesLinux.html)
    a. If you are using Linux / Mac, you can use terminal to login into AWS instance
        i. Command: *ssh from terminal: ssh –I <location of key-pair file> ec2-user@<public-dns of instance>*

    b. If you are using Windows then you can use Putty(http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html),
        i. Please follow instructions given in the following page to login into your instance http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/putty.html
    c. Public DNS of a *running* instance can be obtained as shown in point number 9.
    d. Sorry, there are no easy ways to access Amazon AWS using a GUI
4. Start Postgres if not started already using the command *sudo service postgresql start*
5. Login into psql using the following command
    a. psql -U ec2user –d dse201
    b. password: ec2user
    c. Check the tables using command \dt
6. See the documentation of data generator to generate data for the database
7. Run your PSQL code on the psql prompt

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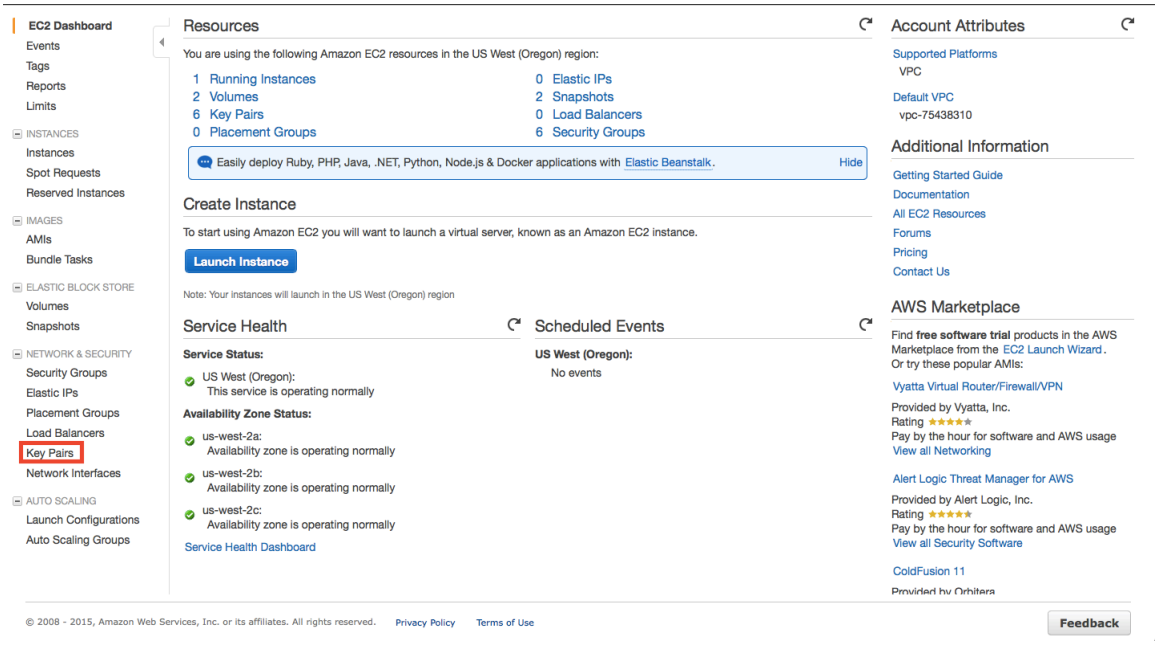
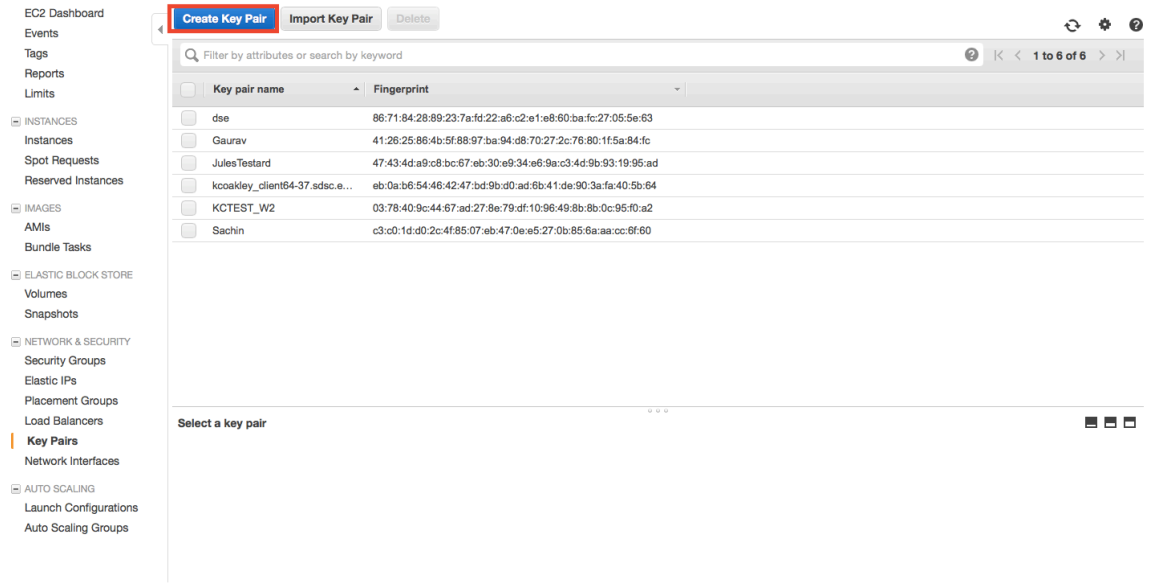
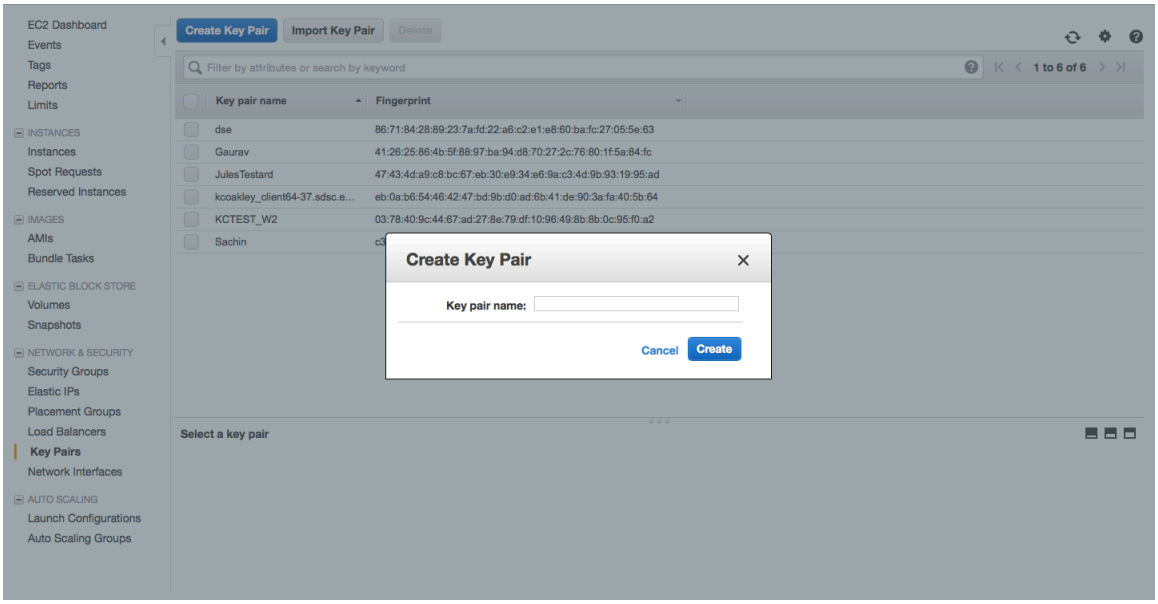
8. Generating key value pair
    a. Go to EC2 in the AWS console and click on Key Pairs



b. Please do no delete any other key. Click on create Key Pair

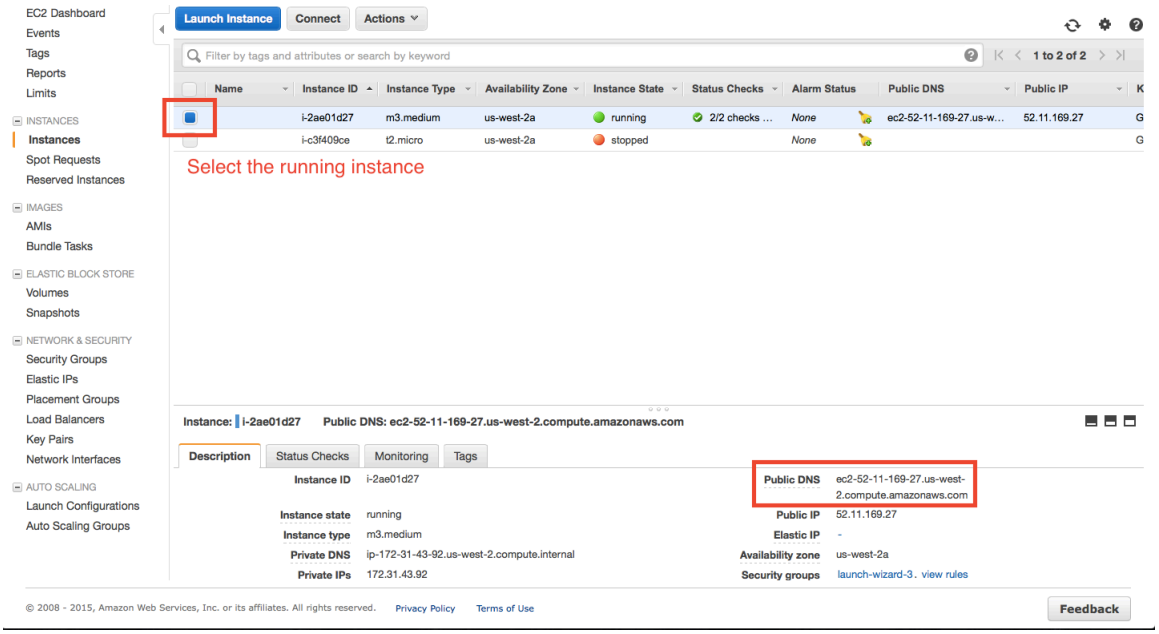


c. Insert Key Pair Name and press create



d. This will create a file <key-name.pem>. Store it in a safe location and share it with your partner.
e. On linux and mac run the following command: *chmod 400 <key-pair file location>*

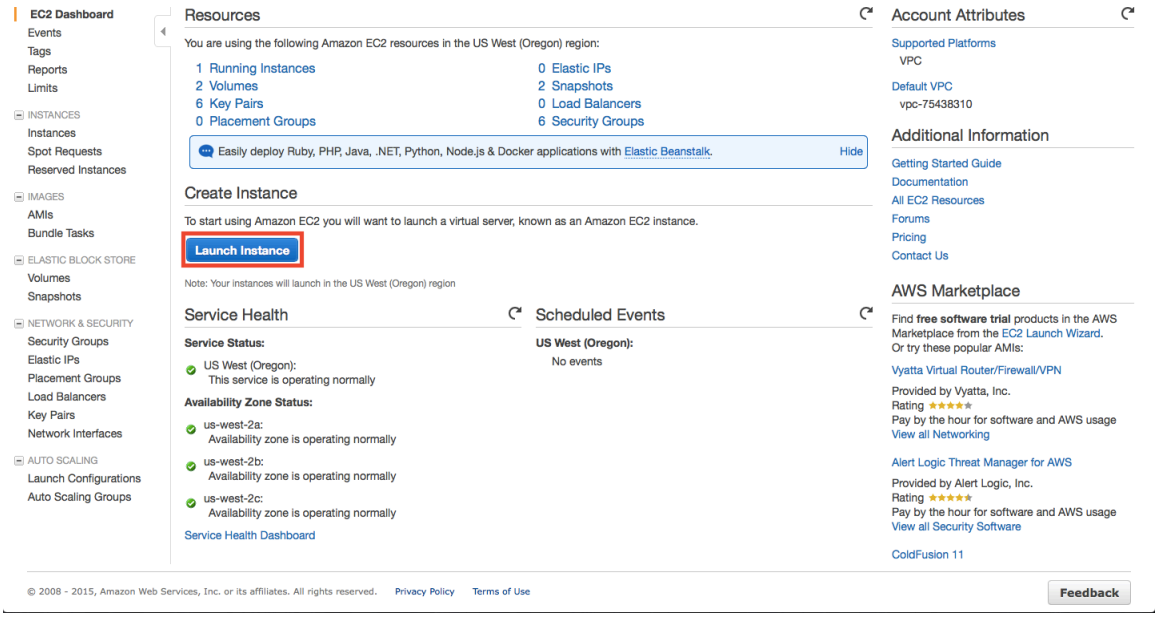
9. Public DNS of a EC2 instance can be obtained from the Running instance dashboard as shown below. You will have to select the running instance before the instance information shows up in the lower pane.



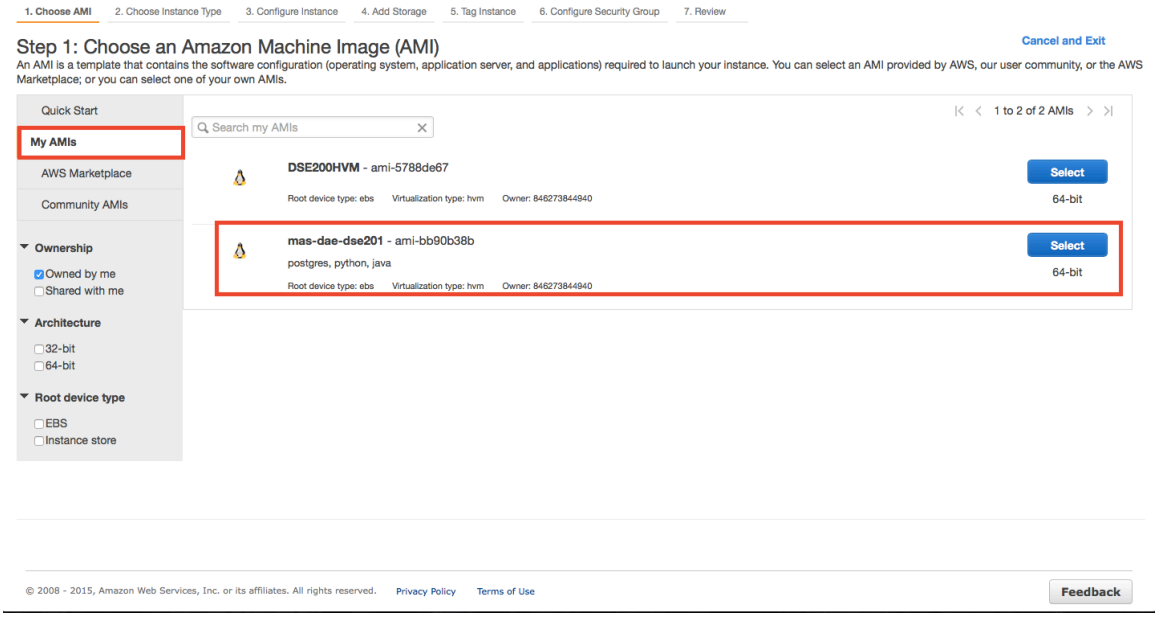
10. You may need to transfer files from your PC to AWS instance
    a. Linux and Mac users can use scp to transfer files into AWS (`scp -i <key-pair file location > SampleFile.txt ec2-user@ec2-198-51-100-1.compute-1.amazonaws.com:~`)

b. Windows users can use Putty to do so (http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/putty.html)

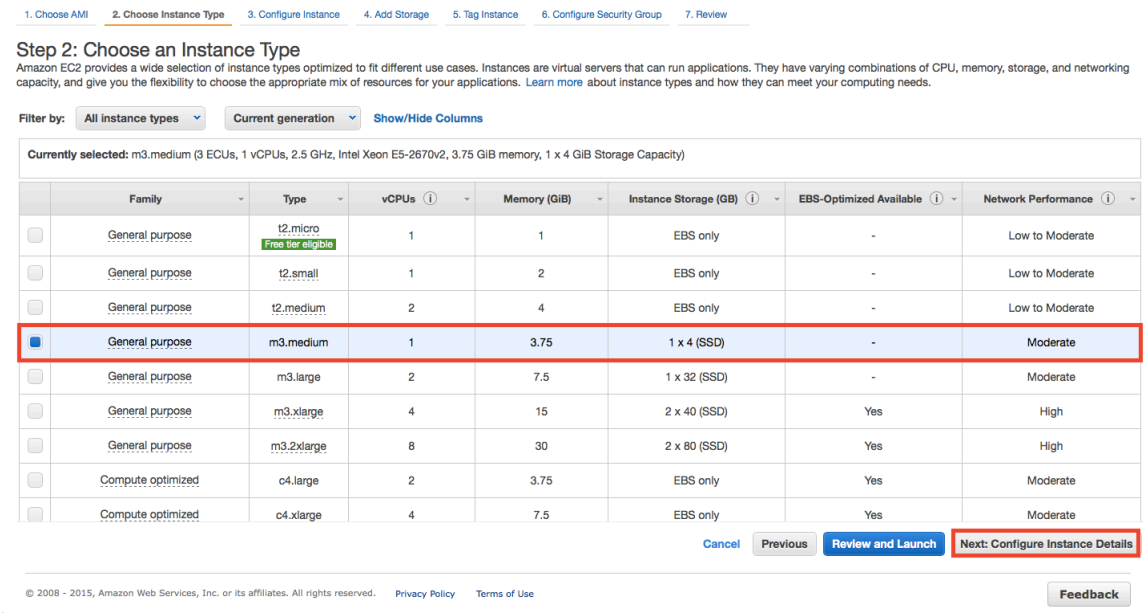
11. You can launch a new instance as shown below
    a. Go to EC2 Dashboard from AWS console and click on Launch Instance



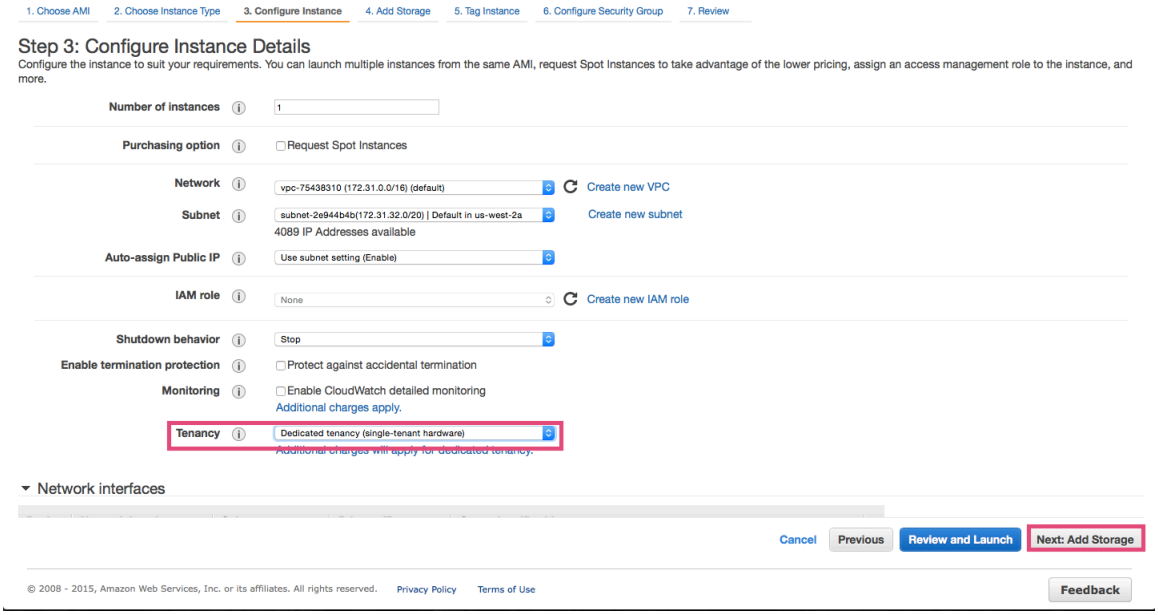
    b. Click on “My AMI” on the left and then click Select against mas-dae-dse201



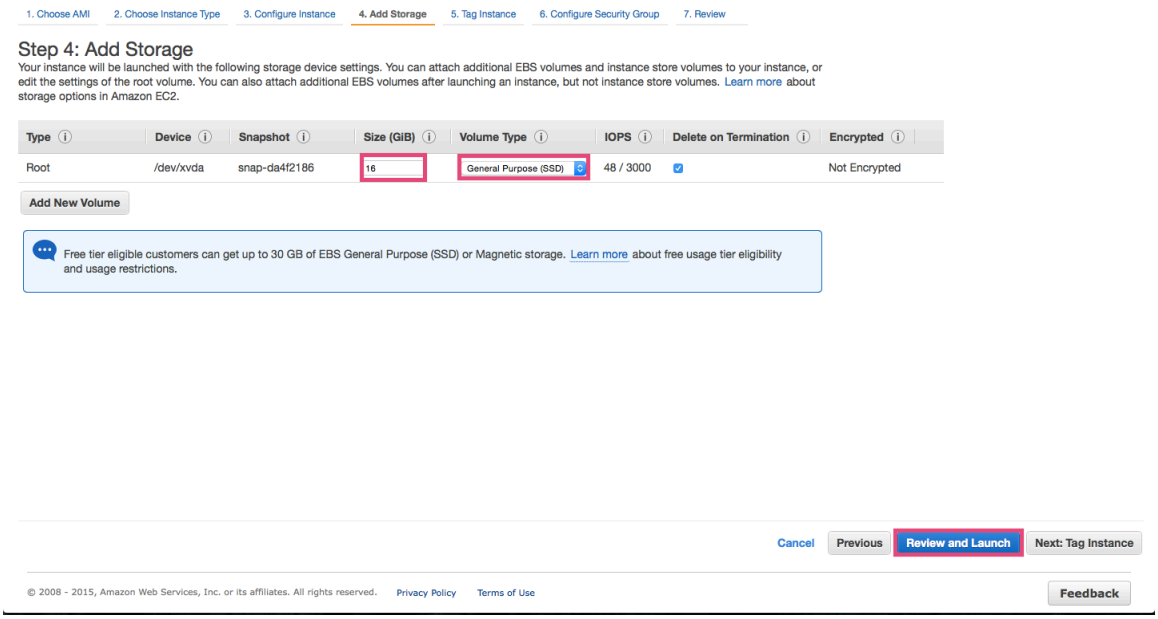
    c. Select m4.medium as the instance type and click on “Next: Configure Instance Details”



d. Select “Dedicated tenancy” in Tenancy drop down and click add storage



e. Input size as 16 and select “General Purpose SSD” from Volume Type and click “Review and Launch”



f. Launch the instance