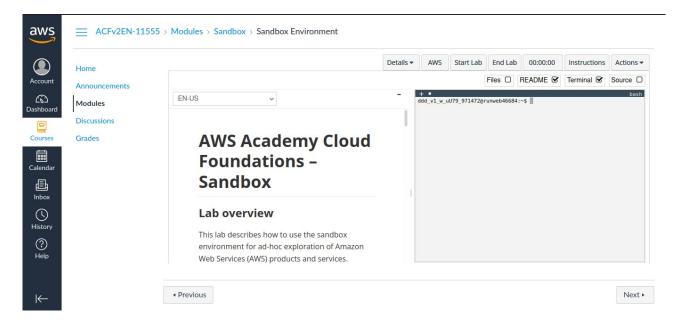
Name: Rugvedi Jamgaonkar.

Enroll No: 2002242

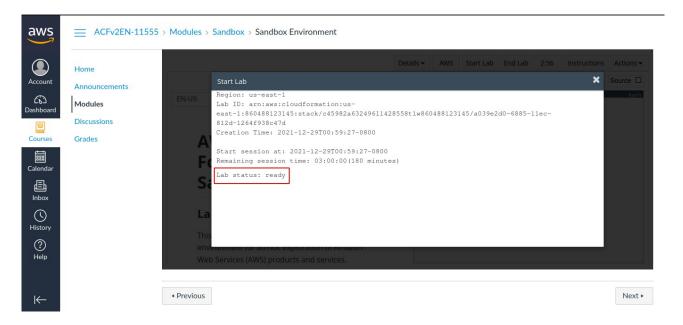
Cloud Computing

Practical Assignment No. 7 - Write a program for web feed.

Step 1: At the top right panel above the console, choose **Start Lab** to launch your lab.

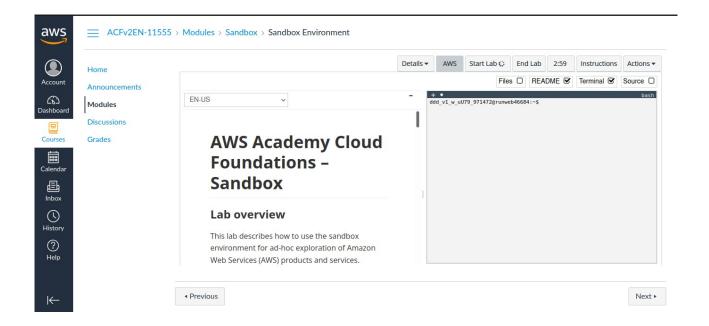


Step 2: Wait until you see the message "**Lab status: ready**", then choose the **X** to close the Start Lab panel.

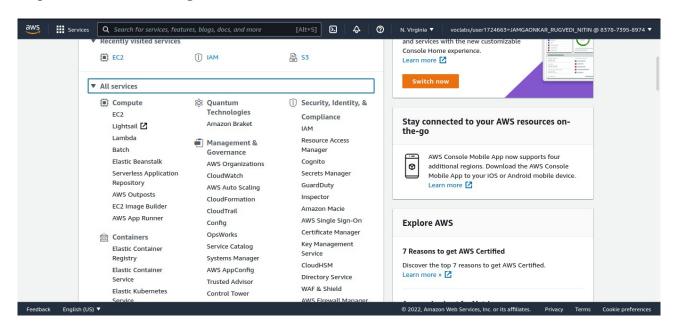


Step 3: Now choose AWS

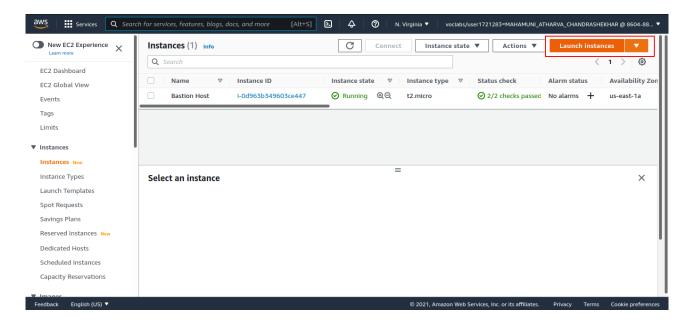
This will open the AWS Management Console in a new browser tab. The system will automatically log you in.



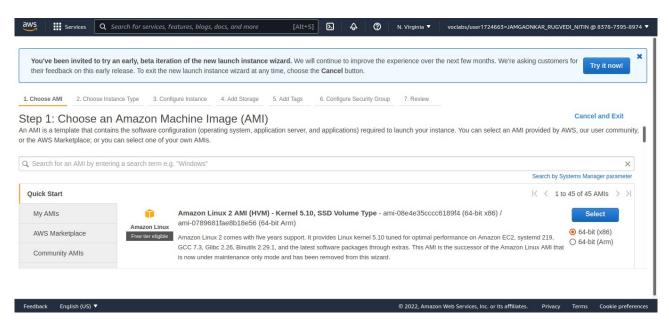
Step 4: In the **AWS Management Console** on the **Services** menu, choose **EC2**.



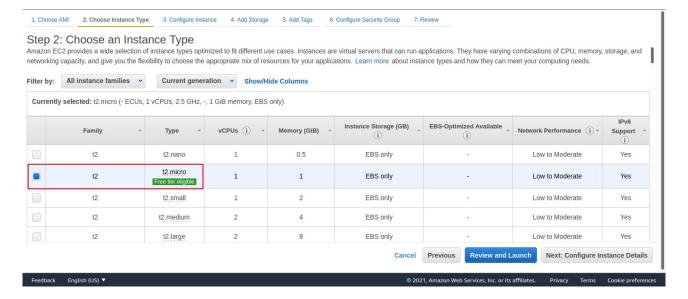
Step 5: Choose Launch instance, then select Launch Instance.



Step 6: Choose an Amazon Machine Image (AMI), select Amazon Linux 2 AMI (HVM)

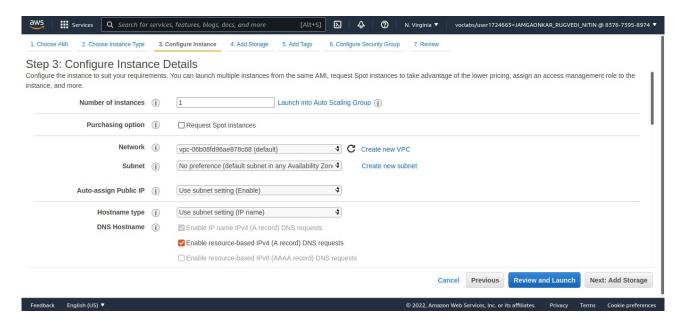


Step 7: Choose an **Instance Type**, select **t2.micro**



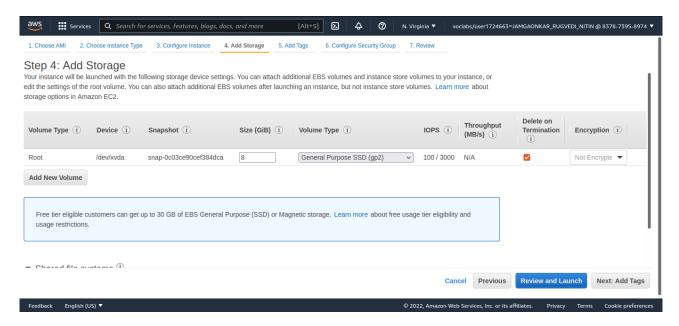
Choose Next: Configure Instance Details

Step 8: Configure Instance Details



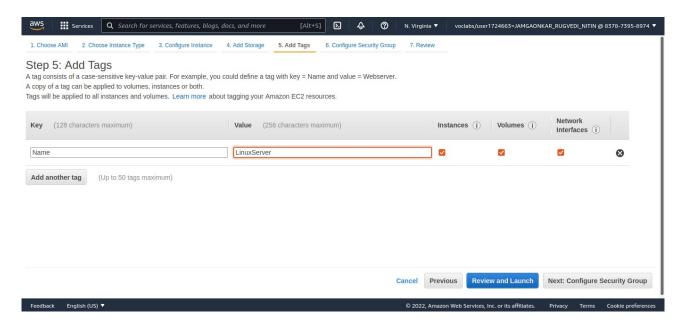
Choose Next: Add Storage

Step 9: Select defualt Storage



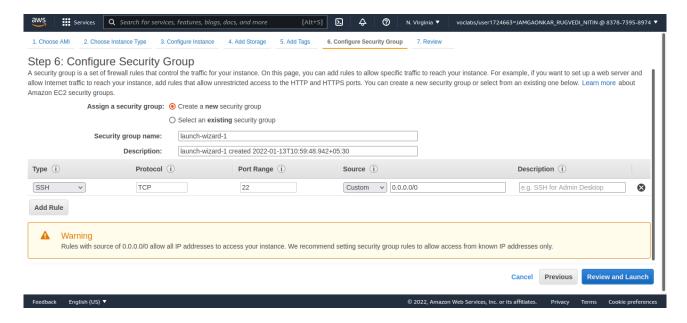
Choose Next: Add Tags

Step 10: Choose **Add Tag** then configure (key: value):



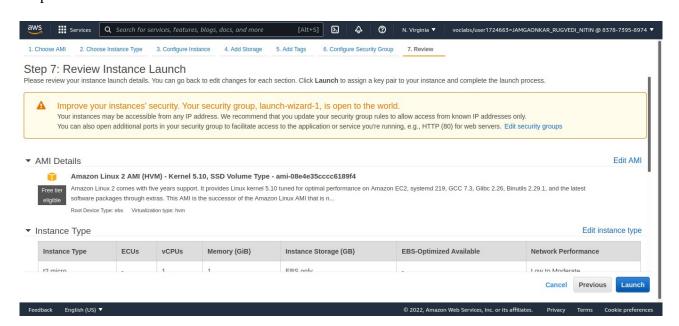
Choose Next: Configure Security Group

Step 11: Select a **security group**, either an existing one or create a new group.

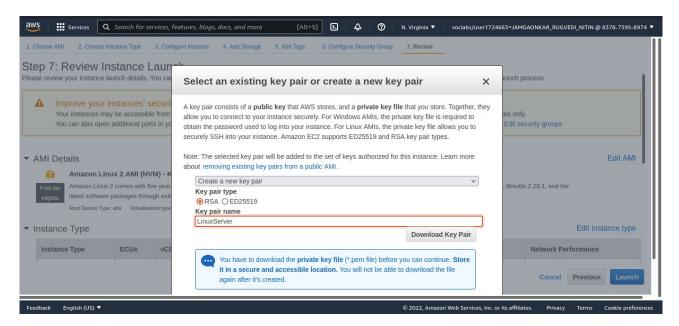


Choose Review and Launch

Step 12: Choose Launch

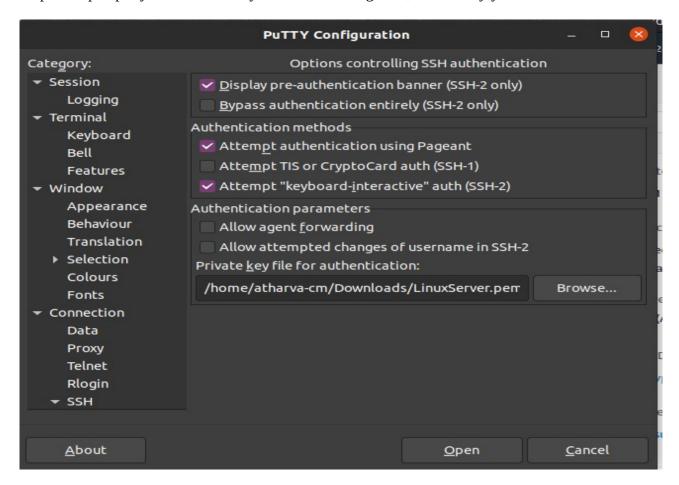


Step 13: A box will appear then select **Create a new key pair**.



Give it a name and select **Download Key Pair** Select **Launch Instances**.

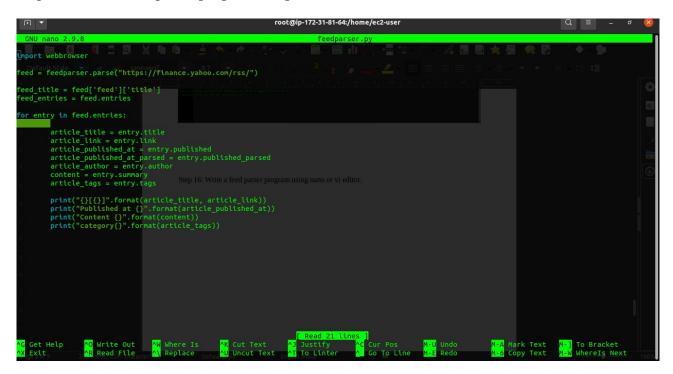
Step 14: Open putty and connect to your instance using SSH, use the key you downloaded earlier.



Step 15: login as ec2-user and install python3 and feedparser

```
root@ip-172-31-20-62:/home/ec2-user
[ec2-user@ip-172-31-20-62 ~]$ sudo su
[root@ip-172-31-20-62 ec2-user]# yum install python3 && yum install python3-pip
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB (
                                                                              00:00
Package python3-3.7.10-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package python3-pip-20.2.2-1.amzn2.0.3.noarch already installed and latest versi
on
Nothing to do
[root@ip-172-31-20-62 ec2-user]# pip3 install feedparser
WARNING: Running pip install with root privileges is generally not a good idea.
Try `pip3 install --user` instead.
Collecting feedparser
  Downloading feedparser-6.0.8-py3-none-any.whl (81 kB)
     | 81 kB 12.7 MB/s
Collecting sgmllib3k
Downloading sgmllib3k-1.0.0.tar.gz (5.8 kB)
Using legacy 'setup.py install' for sgmllib3k, since package 'wheel' is not inst
Installing collected packages: sgmllib3k, feedparser
Running setup.py install for sgmllib3k ... done
Successfully installed feedparser_6.0.8 sgmllib3k-1.0.0
[root@ip-172-31-20-62 ec2-user]#
```

Step 16: Write a feed parser program using nano or vi editor.



Step 17: execute the program and you will see the rss feed as output.

```
root@ip-172-31-81-64 ec2-user) By thon3 feed parse.py
//ssr/local/tb/python3.7/site-packages/feedgarser/gi_intal_python_endergate_Books are roots and the seventing a 'bloodbath' in this segment of the narket: 'autos are one example of_namy disturbances out there in the world order 'fittes:
//www.marketwatch.com/story/cathe-wood-is-expecting-a-bloodbath-in-this-segment-of-the-narket-autos-are-one-exampleofmany-disturbances out there in the world order 'fittes:
//www.marketwatch.com/story/cathe-wood-is-expecting-a-bloodbath-in-this-segment-of-the-narket-autos-are-one-exampleofmany-disturbances-out-there-in-be-world-order-in-in-distal-gas-day-story-day-phool
Published at 2022-01-11710:28:007
Published at 2022-01-11710:48:007
Published at 2022-01-1
```