Ocean Lu  
Professor Lan Yang  
CS 4650  
10/16/2019

Activity 4: EC2 Report

1. Launching instance:  
   ![A screenshot of a cell phone

   Description automatically generated]()
2. Chose Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0b69ea66ff7391e80 (64-bit x86) / ami-09c61c4850b7465cb (64-bit Arm)  
   ![A screenshot of a social media post

   Description automatically generated]()
3. Choose a tier  
   ![A screenshot of a social media post

   Description automatically generated]()
4. Configure instances  
   A screenshot of a social media post

   Description automatically generated
5. Key pairing  
   ![A screenshot of a social media post

   Description automatically generated]()
6. Launch instance and view log  
   A screenshot of a social media post

   Description automatically generated
7. Connect to SSH  
   ![A screenshot of a social media post

   Description automatically generated]()  
   ![A screenshot of a cell phone

   Description automatically generated]()  
   My Script: ssh -i "key.pem" [ec2-user@ec2-3-83-115-230.compute-1.amazonaws.com](mailto:ec2-user@ec2-3-83-115-230.compute-1.amazonaws.com)  
   For windows, it is important to change the permission on the private key file
   1. Error message:  
      @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

@ WARNING: UNPROTECTED PRIVATE KEY FILE! @

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

Permissions for 'key.pem' are too open.

It is required that your private key files are NOT accessible by others.

This private key will be ignored.

Load key "key.pem": bad permissions

ubuntu@192.168.0.1: Permission denied (publickey).

* 1. Locate the file in Windows Explorer, right-click on it then select "Properties". Navigate to the "Security" tab and click "Advanced".
  2. Change the owner to you, disable inheritance and delete all permissions. Then grant yourself "Full control" and save the permissions. Now SSH won't complain about file permission to open anymore.

![A screenshot of a cell phone

Description automatically generated]()  
Success!  
![A screenshot of a cell phone

Description automatically generated]()

1. Create and run a python program: I made a simple hello world program!  
   ![A screenshot of a cell phone

   Description automatically generated]()