

Lab 1 - Setting up Server

Wednesday, January 31, 2018 11:09 AM



Assignment1

Spring 2018

Assignment 1

Total: 40 Points

CECS 327

Due: 2/2/2018 11:30PM

General Instruction

- Submit your work in the Dropbox folder via BeachBoard (Not email or in class).

1. (40 points) Set up an **Amazon EC2** cloud server.

- Prepare your own email account which is never used for the **Amazon EC2**.
- Visit <https://aws.amazon.com/ec2/> and sign in to the console.
- Launch a EC2 virtual machine with **Ubuntu Server 16.04 LST**.
- Select **t2.micro** which is under **FREE TIER ELIGIBLE**.
(Please be aware of the free tier condition.)
- You need to figure out how to
 - control the cloud server through **SSH** with a key pair.
 - allow inbound **HTTP** access using the **EC2** console.
 - upload/download files to/from the cloud server using **SFTP**.
 - edit files in the cloud server using **vim** or **emacs**.
- Install the **Apache2 Web Server** on the cloud server referring to <https://help.ubuntu.com/lts/serverguide/httpd.html>.
- Upload the attached **index.html** into **/var/www/html/**
- Modify **YOUR NAME** in the **index.html** to your actual name.
(You are welcome to use your own better **index.html**)
- Check your work using a web browser as Figure 1.
- Write the **public ip** address of the cloud server in the **Comments** section in the Dropbox folder. (not as an attached file)

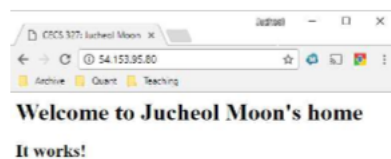


Figure 1: Working example