

15319/15619: Cloud Computing, Recitation 2, 20/01/2015

Hands-On Exercise Details

Welcome! Glad you can join us! Today we will try to perform a hands-on debugging exercise in the latter half of the recitation. To save some time, please get the following done **while we discuss the recitation slides**:

Note: We assume that you have already created an AWS account and linked it to our paying account as per the instructions in <https://piazza.com/class/i4ovvizbp8c5jz?cid=8>. If you haven't created and linked your AWS account already, or if you don't have a laptop with you right now, please find a neighbour who is already set for this hands-on exercise.

If you choose to participate in this exercise, the expense will come from your allocated budget for Project 1.1. The budget allocated for Project 1.1 is \$5, and this exercise should not cost more than 2 cents for the hour, assuming you terminate the instance right after the demo.

Steps:

1. Sign into your AWS account at <http://aws.amazon.com>
2. Click on **EC2**
3. Click on **Launch Instance**
4. Click on **Community AMIs** and enter the AMI ID: **ami-a2dfa0ca** in the search box
5. Select **t1.micro** as the instance type and click on **Next: Configure Instance Details**
6. Configure this instance as an On-Demand instance
7. Continue through the steps until you see Tag Instance, tag the instance with **Key=Project, Value=1.1**
8. Click on **Next: Configure Security Groups**
9. And finally, finish the launch, if you choose an existing key-pair, make sure you have it ready with you to connect to the instance, otherwise, create a new keypair to connect.
10. Once your instance has launched, note down the Public DNS name of the instance

Configure your SSH client:

- 1) Windows/Putty: Use Puttygen to convert the .pem file to a .ppk file to use when connecting.
- 2) Windows/XShell: Create a new connection to the Public DNS Name.
- 3) Linux/MacOSX: No special configuration required, simply use the SSH command

Do not connect to your instance yet, wait for us to start the demo and then follow our instructions.