**Accessing Cloudera Hadoop**

**For assignment 2 and 3, you are going to use Cloudera Hadoop virtual machine installed in the DSU cloud. The instructions for accessing the VM is below. Please remember to back up your code. If the VM is down, you will lose your file.**

Step 1 — Using Chrome or firefox, browse to: <https://vcloud.ialab.dsu.edu/cloud/org/learn/>

• Browse to learn.ialab.us in Firefox (preferred) or Chrome on either Windows, Mac, or Linux, and select Learn- Flash Interface

• You’ll probably be prompted to download a plugin the first time you try to access the VM (except on Mac). You may also need to allow Flash.

• You can email help@dsu.edu if you have problems with getting the plugin to work.

Username/Password:

For DSU Students: Please use your DSU network credential to log in

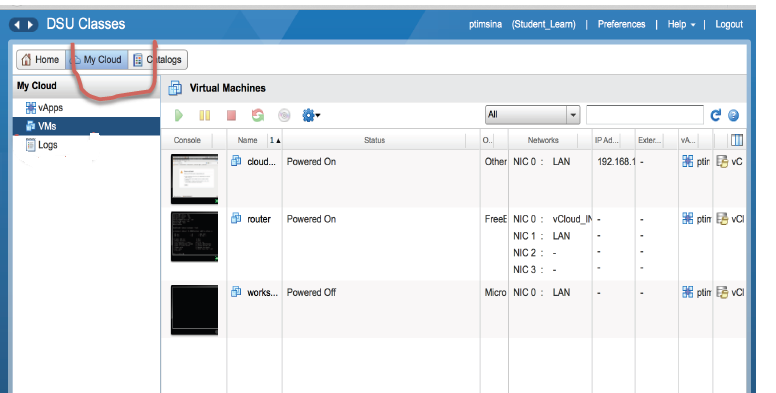
For SDSU Students:

First please try to use your DSU account credentials that has been assigned to you – if you have taken a DSU course concurrently or previously, you should have one. If you haven’t taken any DSU course before, your username/password would be:

Username: The part of your SDSU email address before @ (For example, if an email address is [John.Doe@jacks.sdstate.edu](mailto:John.Doe@jacks.sdstate.edu), then the username is John.Doe. It is case sensitive)

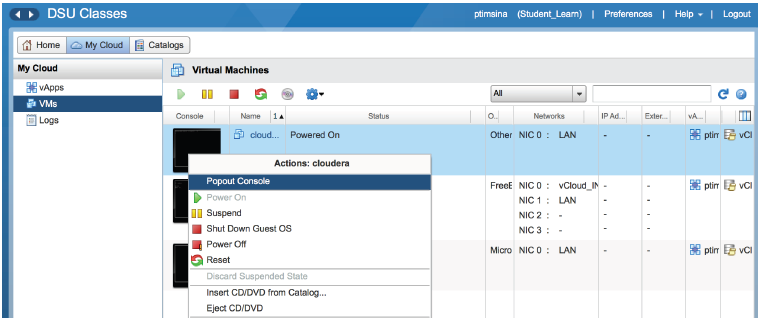
Password: ia**.**your\_student\_ID (if your student id is a7099651, then your password should look like ia.a7099651). I heard from one of your classmates that your SDBOR student ID could be different from your SDSU ID. Please go to the new registration website: [https://registration.sdbor.edu](https://registration.sdbor.edu/) > **Banner Menu** (Alt + M) > **Banner** > **Student** > **Student Profile**, the number next to your name is the ID number you have to use in the password. Please email [help@dsu.edu](mailto:help@dsu.edu) if you cannot log onto the VM.

Step 2 – Having logged in, you will see a quick start panel and click “start” to power on your VM. Then, navigate to My Cloud and click VMs. Please **select the virtual machine cloudera-training-vm-4.2.1.** Please ignore the other VMs if there are any. Right click the cloudera training VM and click “powered on” (or “start”). When the VM is running, click open. Then click My cloud and Virtual Machine. Please see the image below. You should just see one virtual machine.





Step 3 — Right click on Cloudera training VM and select “Popout Console”.

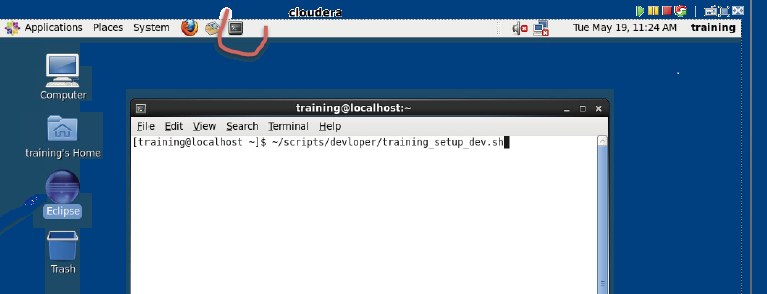


Assuming you’ve done everything correctly up to this point, you should see the boot-up messages for the virtual machine. Please be patient and wait for a few minutes

Step 4 — Now you should see a popout console like the following (if you waited for a while and still see the black screen, please click the maximize button  in the upper right corner). When you login for the first time, type the following command and press enter.

~/scripts/developer/training\_setup\_dev.sh

This should only be done once.



If the screen is frozen, you can restart the machine by clicking the button as shown below.

