

Virtual Machine Setup

Divyansh Dahiya

LAB Chapter 02: SETUP

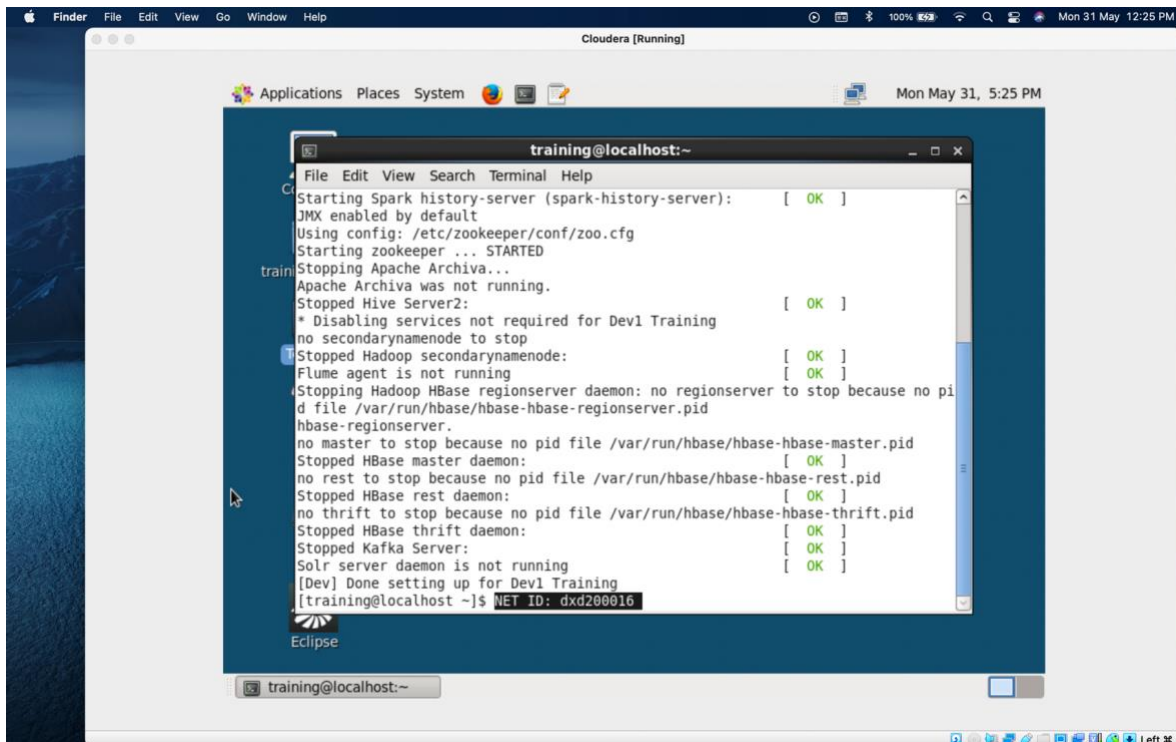
Setup and General Notes

Before start working on the assignments and labs I set up the virtual machine and went through the materials stored in the training folder.

1. First, I open the terminal window and wrote a command to run the a .sh file

Command : `$DEV1/scripts/training_setup_dev1.sh`

After running the above command I was able to finish the initial setup and below is the screenshot of the same.

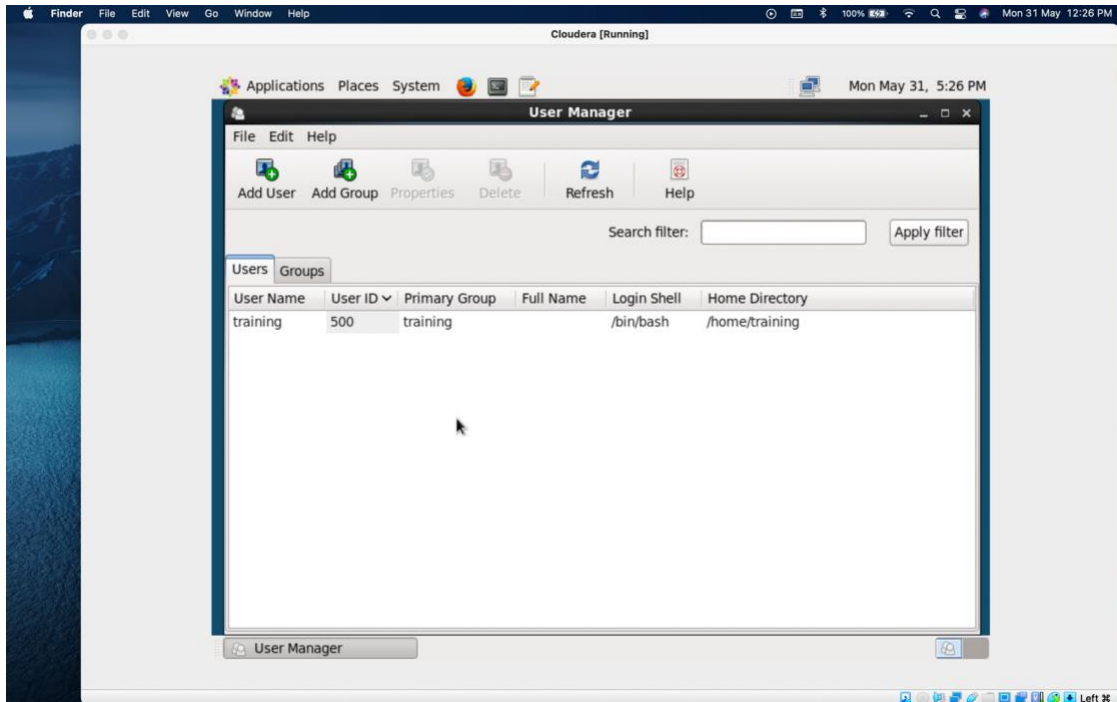


The screenshot shows a terminal window titled "training@localhost:~" running a script. The script performs the following actions:

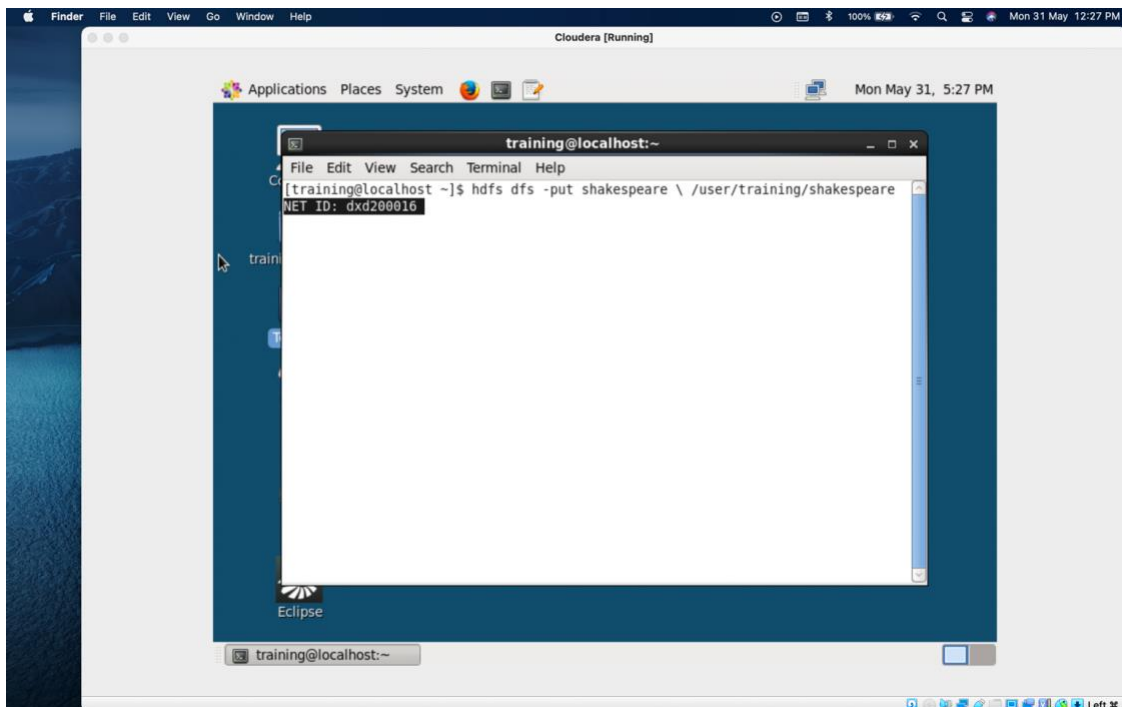
- Starting Spark history-server (spark-history-server): [OK]
- JMX enabled by default
- Using config: /etc/zookeeper/conf/zoo.cfg
- Starting zookeeper ... STARTED
- Stopping Apache Archiva...
- Apache Archiva was not running.
- Stopped Hive Server2: [OK]
- * Disabling services not required for Dev1 Training
- no secondarynamenode to stop
- Stopped Hadoop secondarynamenode: [OK]
- Flume agent is not running [OK]
- Stopping Hadoop HBase regionserver daemon: no regionserver to stop because no pid file /var/run/hbase/hbase-regionserver.pid
- hbase-regionserver.
- no master to stop because no pid file /var/run/hbase/hbase-master.pid
- Stopped HBase master daemon: [OK]
- no rest to stop because no pid file /var/run/hbase/hbase-rest.pid
- Stopped HBase rest daemon: [OK]
- no thrift to stop because no pid file /var/run/hbase/hbase-thrift.pid
- Stopped HBase thrift daemon: [OK]
- Stopped Kafka Server: [OK]
- Solr server daemon is not running [OK]
- [Dev] Done setting up for Dev1 Training

The terminal prompt is `training@localhost ~]$` and the output shows `NET ID: dxd200016`.

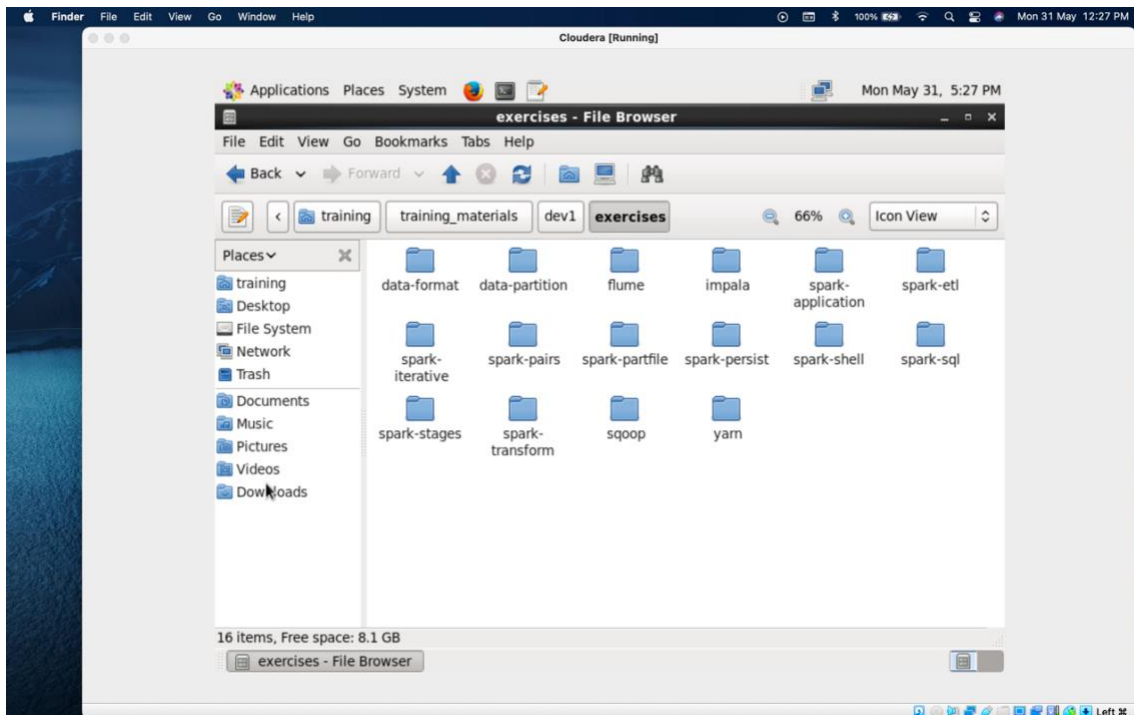
2. I went into the system setting to view the current user of the virtual machine i.e., training.



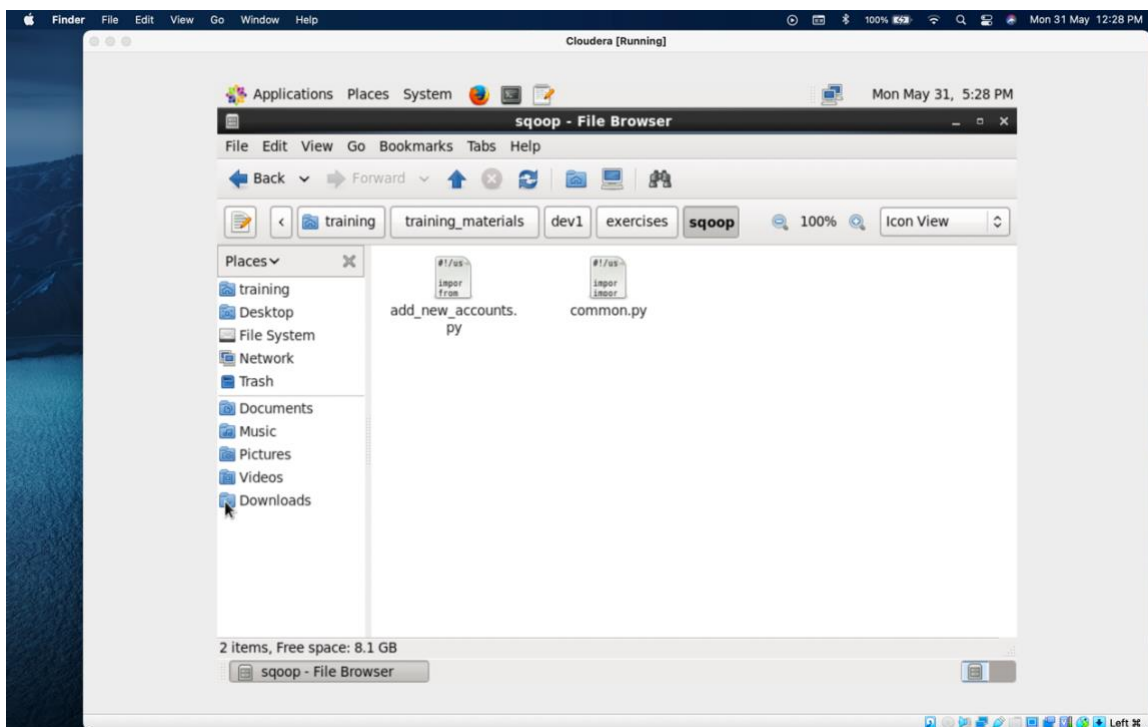
3. Also, I tried to get familiar with the commands in general and started getting used to the terminal interface.



4. Then, I went inside the following location: training/training_materials/dev1/exercises
Here all the files needed for the future labs and assignments were stored.



5. Below is the screenshot of material stored in sqoop folder:



6. Then finally I opened the following location: `/training_materials/dev1/exercises`
The files stored in this location are the ones which I will be uploading to HDFS and will work on them in future labs and assignments.

