

Starting hadoop & making “/lab1” and moving “afile.txt” to “/lab1/” in hadoop fs

```
cpre419@cpre419-VirtualBox: ~/hadoop/sbin
File Edit View Search Terminal Help
ctException: Connection refused; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused
cpre419@cpre419-VirtualBox:~$ cd $HADOOP_HOME/sbin
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ ./start_all.sh
bash: ./start_all.sh: No such file or directory
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ ./start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as cpre419 in 10 seconds.
WARNING: This is not a recommended production deployment configuration.
WARNING: Use CTRL-C to abort.
Starting namenodes on [localhost]
Starting datanodes
Starting secondary namenodes [cpre419-VirtualBox]
Starting resourcemanager
Starting nodemanagers
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -ls
Found 1 items
drwxr-xr-x  - cpre419 supergroup      0 2021-01-29 02:09 .sparkStaging
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -mkdir /lab1
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -touch /lab1/afile.txt
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -rm /lab1/afile.txt
Deleted /lab1/afile.txt
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ touch ~/Downloads/afile.txt
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -moveFromLocal ~/Downloads/afile.txt /lab1/
2021-02-10 09:21:56,728 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = f
alse, remoteHostTrusted = false
```

Experiment 1 Output:

```
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop jar ~/Downloads/labs1.jar HDFSWrite
2021-02-10 09:51:03,581 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = f
alse, remoteHostTrusted = false
cpre419@cpre419-VirtualBox:~/hadoop/sbin$
```

Experiment 2 Output:

```
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop jar ~/Downloads/Experiment2.jar Experiment2
Checksum: MD5-of-262144MD5-of-512CRC32C:9744cd9265f4fcd92074c24196af80fa
cpre419@cpre419-VirtualBox:~/hadoop/sbin$
```