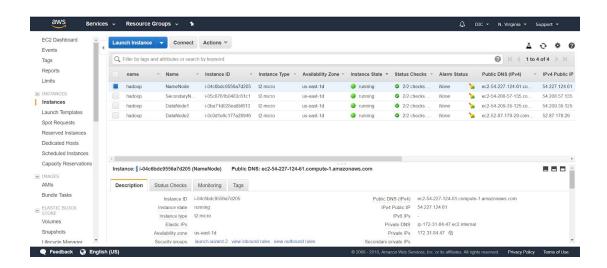
Read Me:

Before starting to evaluate this Project, here are the steps we would like to show.

This is our cluster developed using EC2 instances on Amazon.

The picture below shows that a 4 node cluster - 1 master 1 secondary master and 2 data nodes exists.

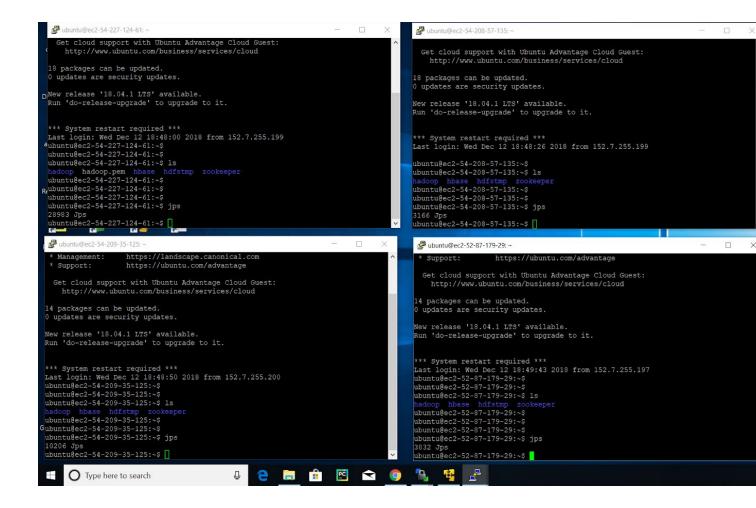
It's a hadoop cluster on top of which Hbase and Spark were installed.



Using Putty and the .pem file which we named hadoop.pem we established the 4 instances.

Before starting any service, here's the screenshot:

When issued > jps on all 4 nodes, initially no service would be running.

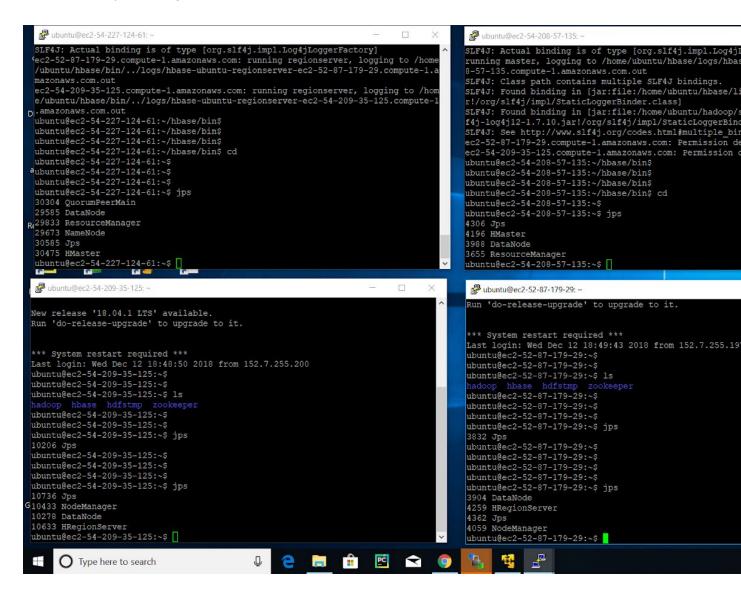


Now we start all the services through name node (master) and secondary name node

Here's the screen shot for starting all of them:

- \$> cd /home/ubuntu/hadoop/sbin
- \$> ./start-dfs.sh
- \$> ./start-yarn.sh
- \$> ./hadoop-daemon.sh start namenode
- \$> ./hadoop-daemon.sh start datanode
- \$> ./yarn-daemon.sh start resourcemanager
- \$> cd /home/ubuntu/hbase/bin
- \$> ./start-hbase.sh
- \$> cd /home/ubuntu/zookeeper/bin
- \$> ./zkServer.sh start

Now, on all the above instances, running the command 'jps' again, we can see that all services have started by following the screen shot.



Now, after loading the data into Hbase, we fire the following command:

Experimenting with nodes:

1. Stopped the instance: Name Node

Stopped the instance : Data Node 1