**CS590BD Big Data Analytics & Apps**

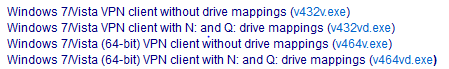
**Lab 1**

**Report on Cloud era Installation and Map Reduce application "Word Count"**

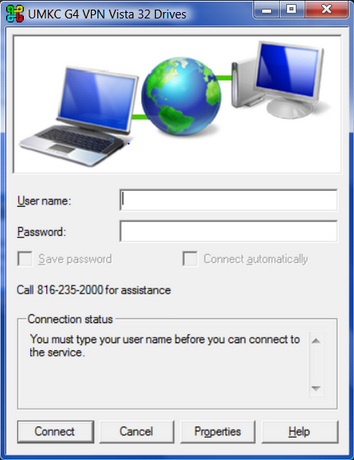
Task 2:

Sub Task 1: To access UMKC Cloudera servers

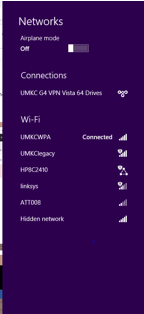
Initial step is to connect to UMKC VPN with credentials. For search for UMKC VPN and download the necessary exe file.



After installation the following screen appears where username and password are been asked for. Enter the details uname : sovd6 password : \*\*\*\*\*\* . click on connect.

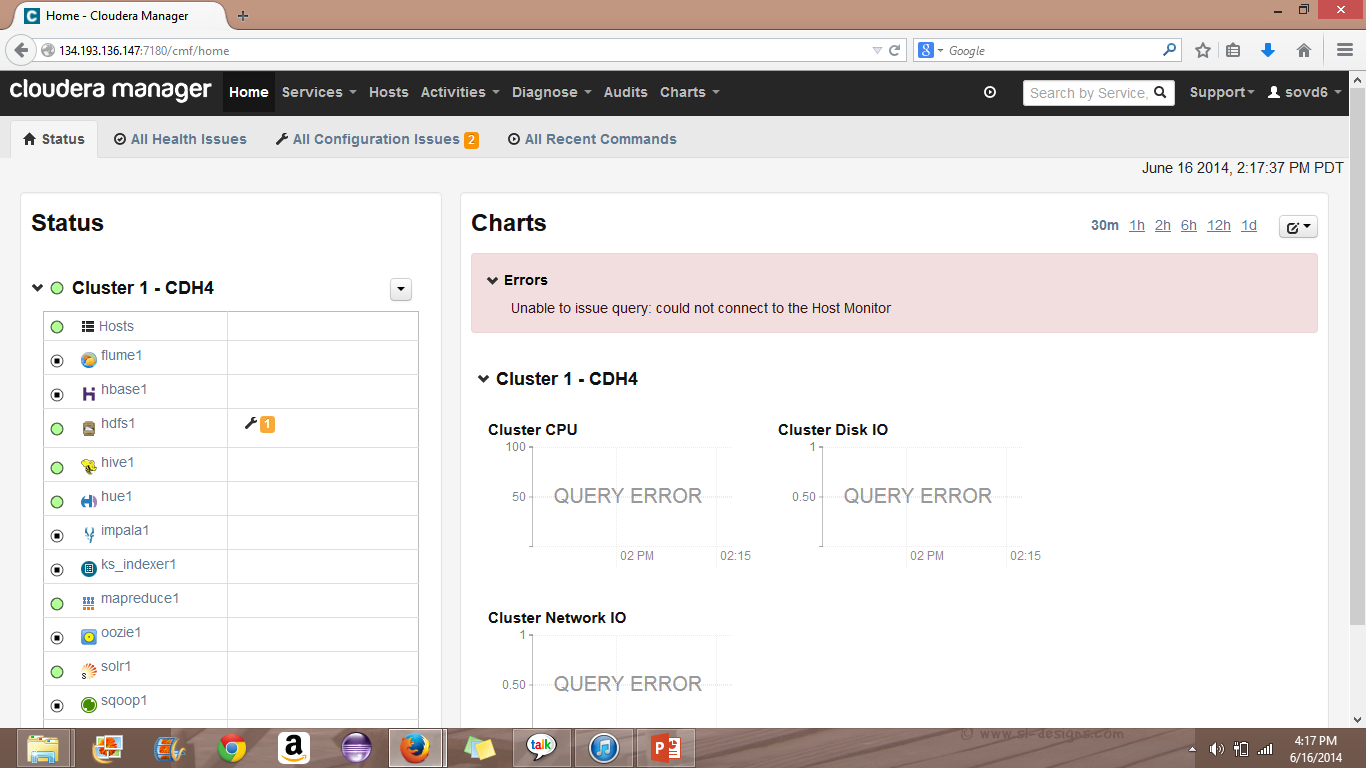


After connection has established a command prompt displays prompting to enter the sso id and pwd. We can successfully connect to the UMKC VPN.



Now click the url http://134.193.136.147:7180

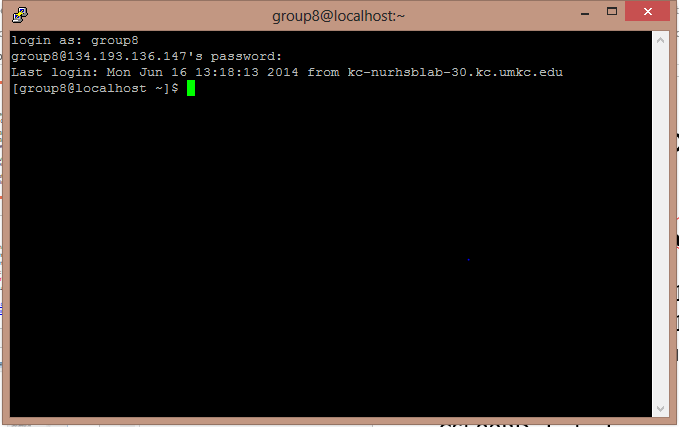
As my group is 8, I enter above link. my username and password as “sovd6”. Following will be displayed.



* Putty Installation from the link <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

And enter the Host IP as 134.193.136.147 ;port 22, click on login.

This following displays asking us to enter the login credentials. AS I belong to group 8 my credentials remain as “ group 8”



If needed we can change the password. But so as to avoid ambiguity with regard to the password we made our password to remain as the same.

Install VMWare and Cloud era from respective sites. Next is opening cloudera from the vmware. Vmware is a collection of virtual environments may be set of computers, virtual softwares etc.

Change the bios settings in the boot mode of the system.

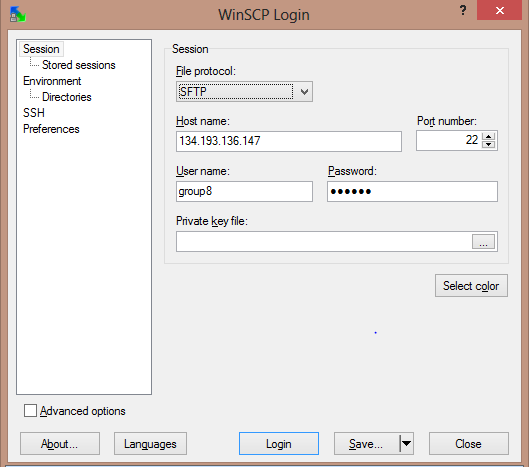
Here there is pretty chance of facing a challenge while choosing the image of the cloud era. That can be resolved as follows:

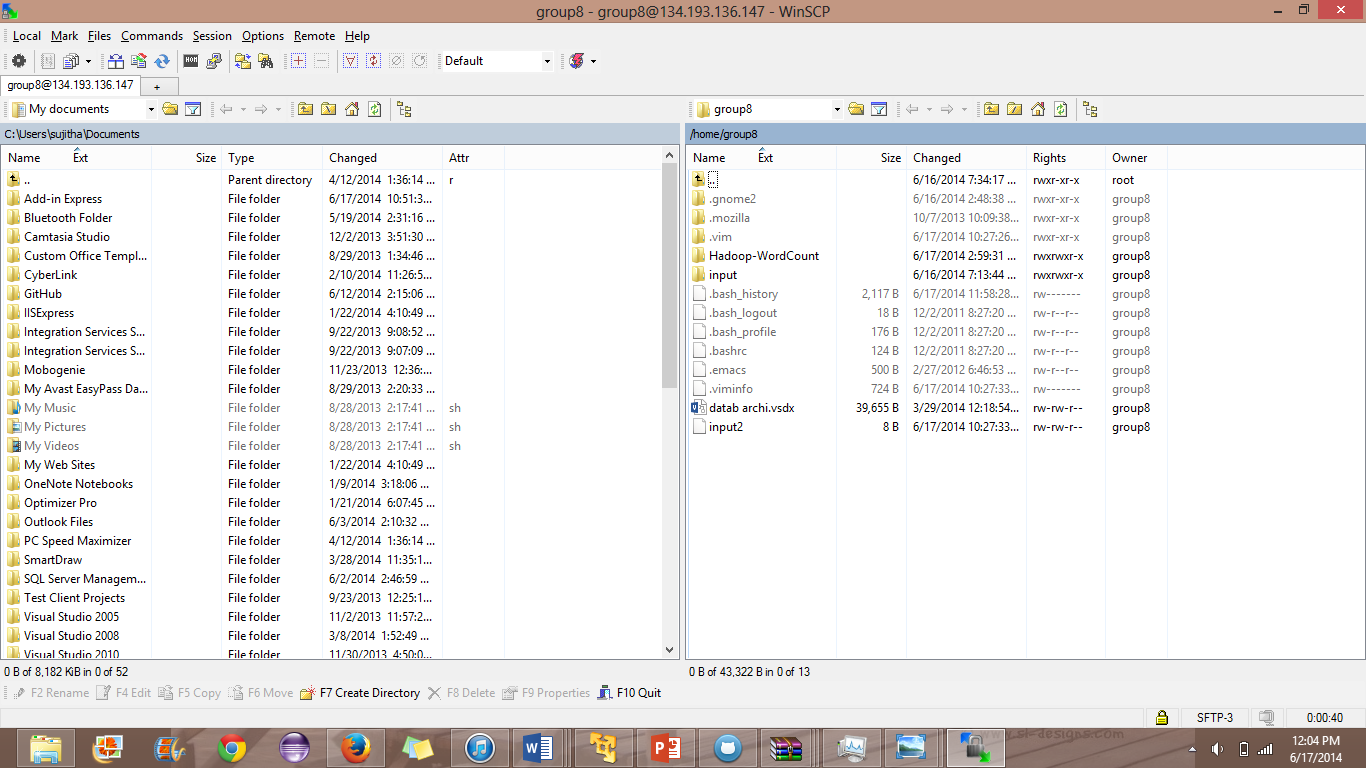
Click on the VMware player --- click on the cloudera-quickstart-vm (virtual machine configurartion) right click --settings--- CD/DVD(IDE)---uncheck auto detect--- choose next option and browse the disk file on the cloud era -quickstart-vm. Eventually save everything and open the cloud era successfully.

Finally you can login to needed visible links cloudera, hue etc.

Task: 3 Transfering files:

Next is the WINSCP. As I had it on my system I did not install it.





In the above screen I have transferred the