

How to use TigerVNC to connect to graham-vdi and run ADF-GUI

TigerVNC is a high-performance, platform-neutral implementation of VNC (Virtual Network Computing), a client/server application that allows users to launch and interact with graphical applications on remote machines. For details, please see <http://tigervnc.org/>

Pre-release builds of the experimental next-generation code can be found at

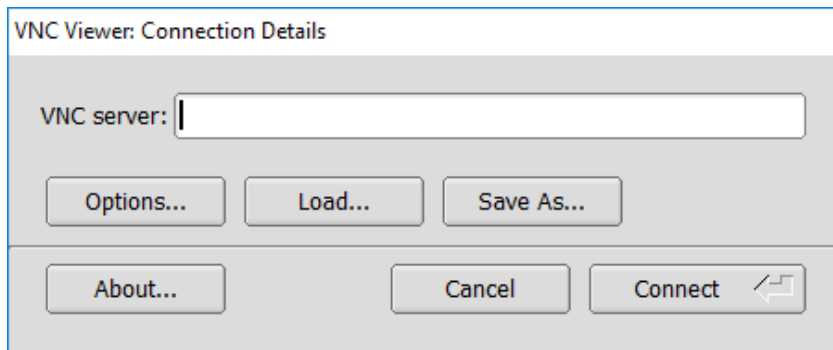
<http://tigervnc.bphinz.com/nightly/>

For Windows user, download and run the Microsoft Windows Installers ([tigervnc64-1.9.80.exe](#) for 64-bit or [tigervnc-1.9.80.exe](#) for 32-bit)

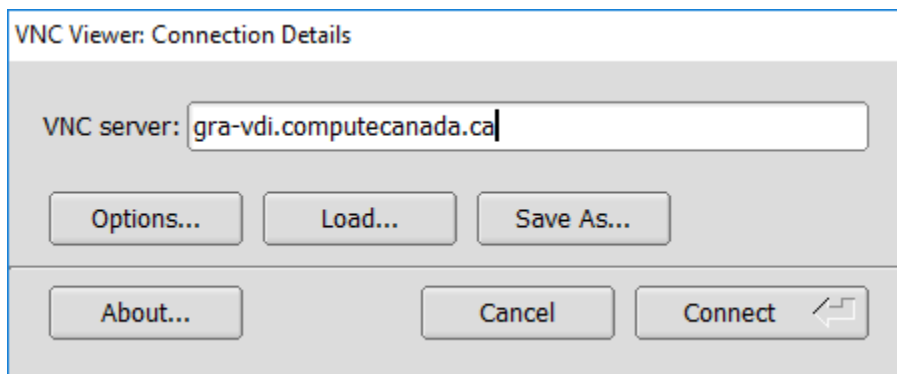
For Mac OS-X 10.6/10.7, use [TigerVNC-1.9.80.dmg](#)

After installation, vncviewer icon on Windows will be under C: Program Files/TigerVNC , you can make a shortcut on your PC desktop. No specific configuration for it.

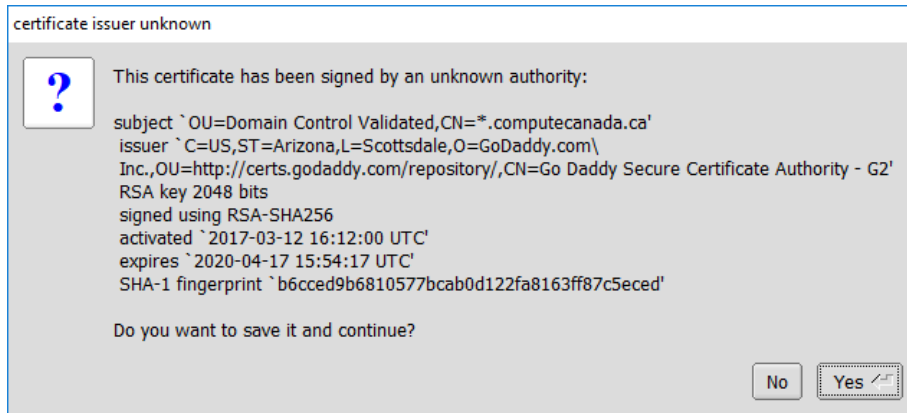
Click the vncviewer icon, it pops up this window:



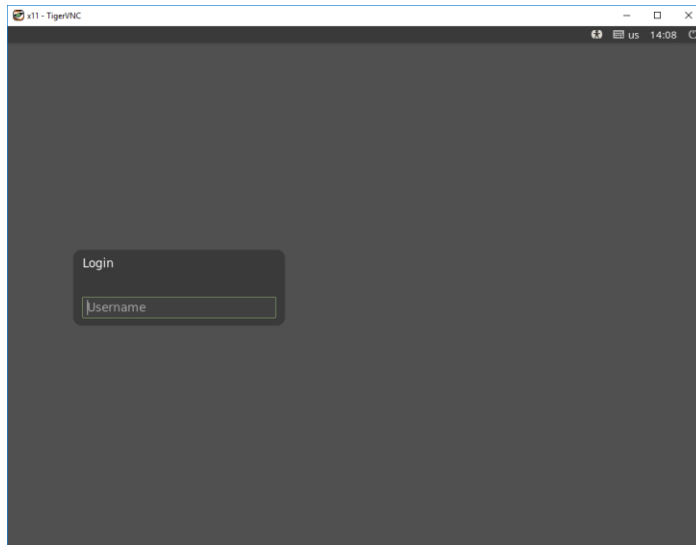
Enter the VNC server name: gra-vdi.compute canada.ca and click connect



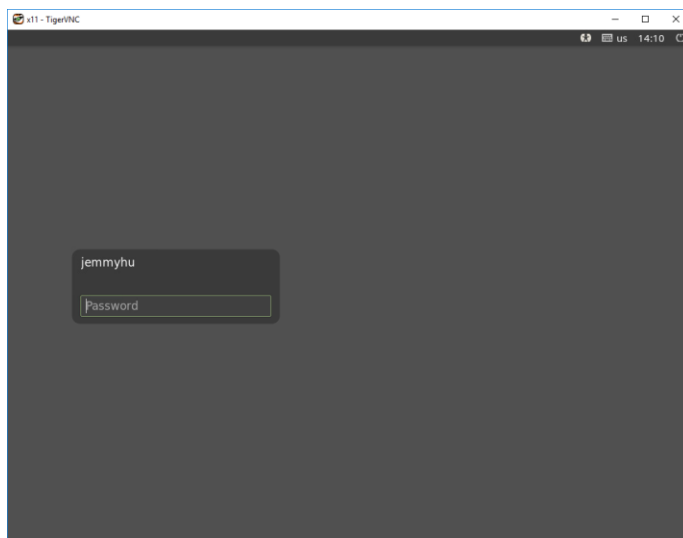
It pops up the window below. Ignore it and click yes



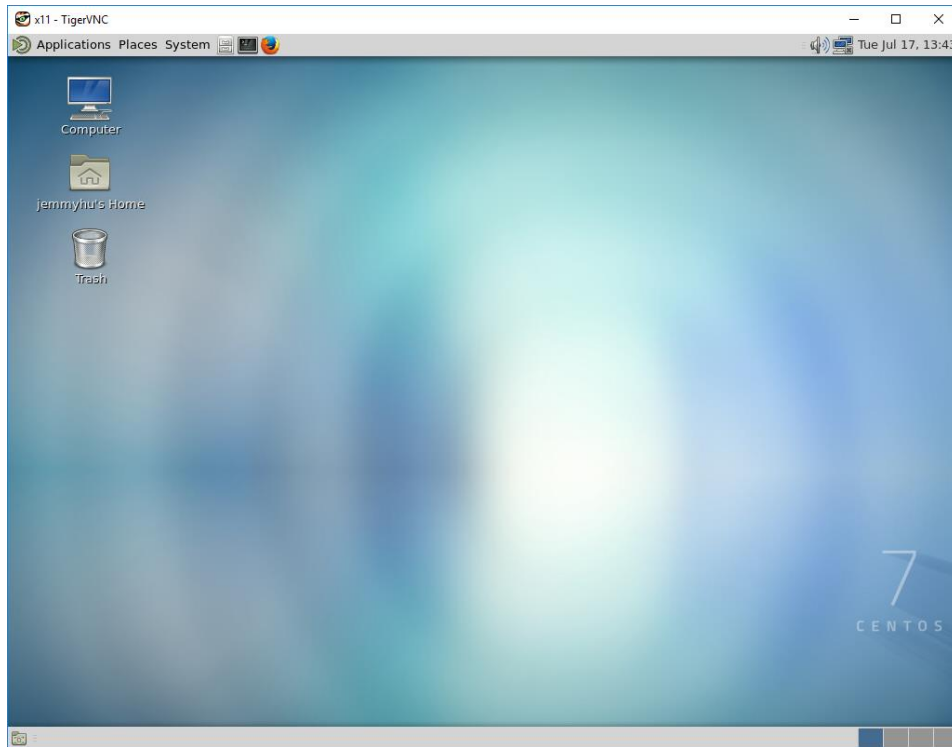
It pops up a window for your username to Graham



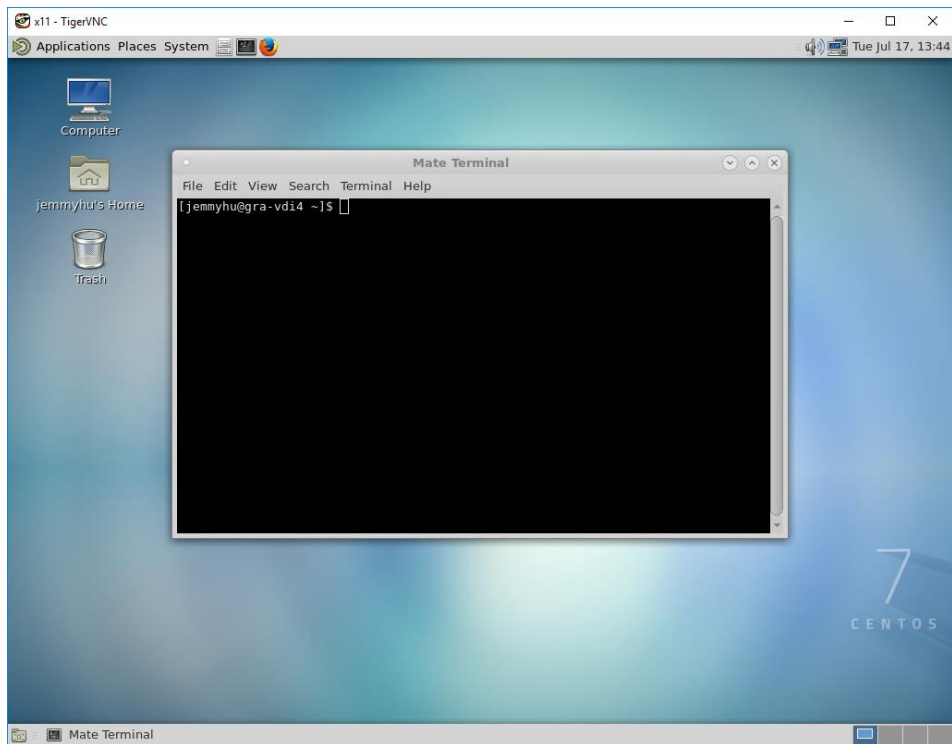
Then password



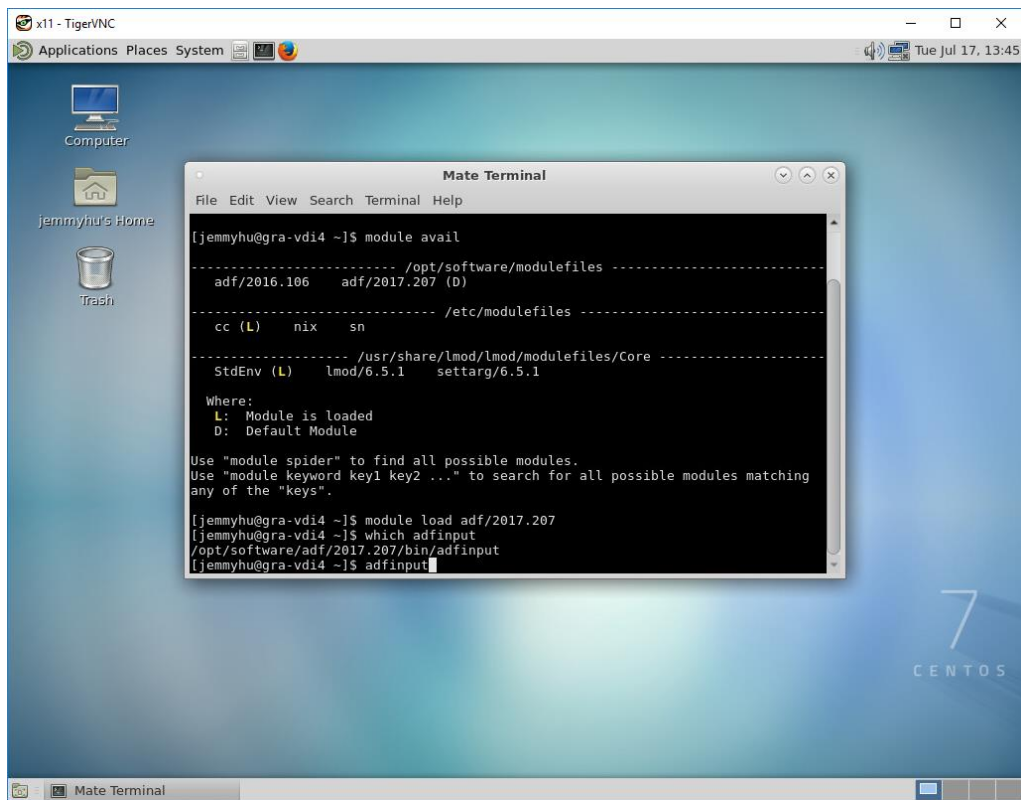
Once username and password are correct, the connection to Graham will be successful:



Click the top small black screen to open a terminal window,



Module command works (module list, module avail, module load, etc.). To use ADF-GUI, you can either module load adf/2016.106 or adf/2017.207



```
x11 - TigerVNC
Applications Places System
Tue Jul 17, 13:45

Computer
jemmyhu's Home
Trash

Mate Terminal
File Edit View Search Terminal Help

[jemmyhu@gra-vdi4 ~]$ module avail

----- /opt/software/modulefiles -----
adf/2016.106  adf/2017.207 (D)

----- /etc/modulefiles -----
cc (L)  nix  sn

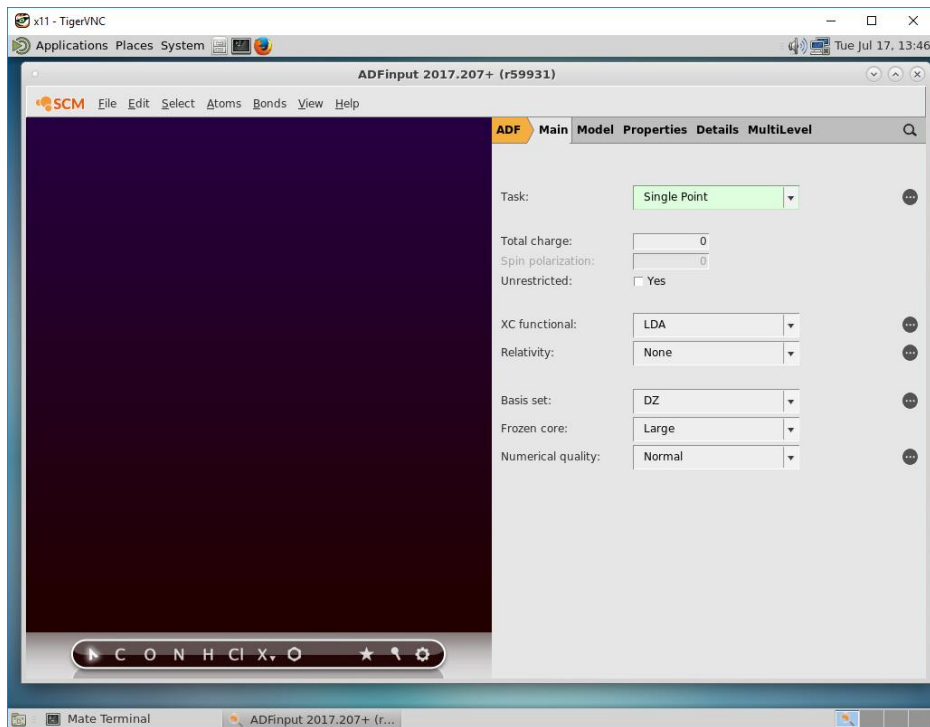
----- /usr/share/lmod/lmod/modulefiles/Core -----
StdEnv (L)  lmod/6.5.1  settarg/6.5.1

Where:
L: Module is loaded
D: Default Module

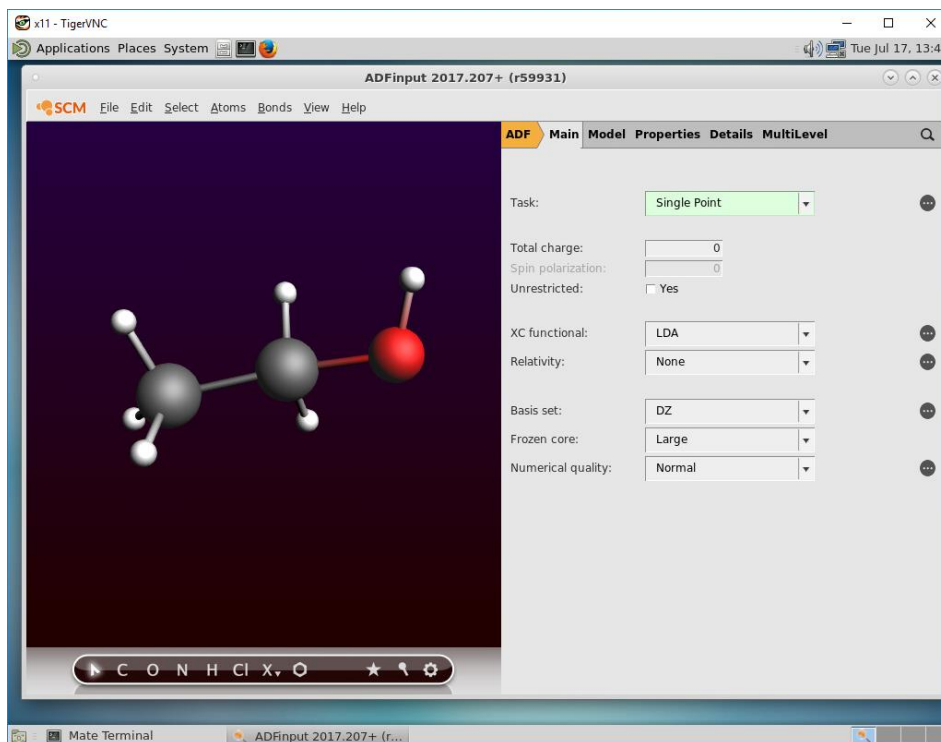
Use "module spider" to find all possible modules.
Use "module keyword key1 key2 ..." to search for all possible modules matching
any of the "keys".

[jemmyhu@gra-vdi4 ~]$ module load adf/2017.207
[jemmyhu@gra-vdi4 ~]$ which adfinput
/opt/software/adf/2017.207/bin/adfinput
[jemmyhu@gra-vdi4 ~]$ adfinput
```

Then you can start to run the GUI, e.g., adfinput



In adfinput, you can create molecule and generate input file, then save it on your directory on Graham



After save the input file (name.run), close the GUI, then run adf input as a regular job in the queue as described on the wiki page for Running ADF on Graham

DO NOT run adf job directly on the GUI (it can run but please NEVER do it).

