Installing RealVNC for the Hands-on Sessions
2017 Sagan Summer Workshop

During the hands on sessions, we'll be using RealVNC VNC Viewer (aka VNC Connect) to access the software on the cloud via Amazon Web Services (AWS). Each hands-on session participant will have their own account on AWS.

Please complete Step 1 before the hands-on session on Wednesday, Aug. 9.

1. Download the RealVNC software here: https://www.realvnc.com/download/vnc/
	1a. Choose the appropriate version for your system OS.
	1b. Download the VNC Connect to your computer
	1c. **During the install, uncheck the VNC Server box so that the VNC Server is NOT installed. You only want to install the VNC Viewer so keep that box checked.**

2. Applications > RealVNC > VNC Viewer

	2a. Open the VNC Viewer and create an entry (File -> New connection) to the VNC server by typing the IP address given to you for the hands on session in the VNC Server field and then give your server a name (the default name is the same as your VNC server).

	2b. This will create an icon for your session. Click on this icon and then use your User Name and Password to log into your session.

3. Within VNC go to Applications -> System Tools -> XTerm to open a terminal window.

To change the screen size: type xrandr to see resolution options, and then type xrander -s <resolution you want> (e.g. xrander –s 1280x800)
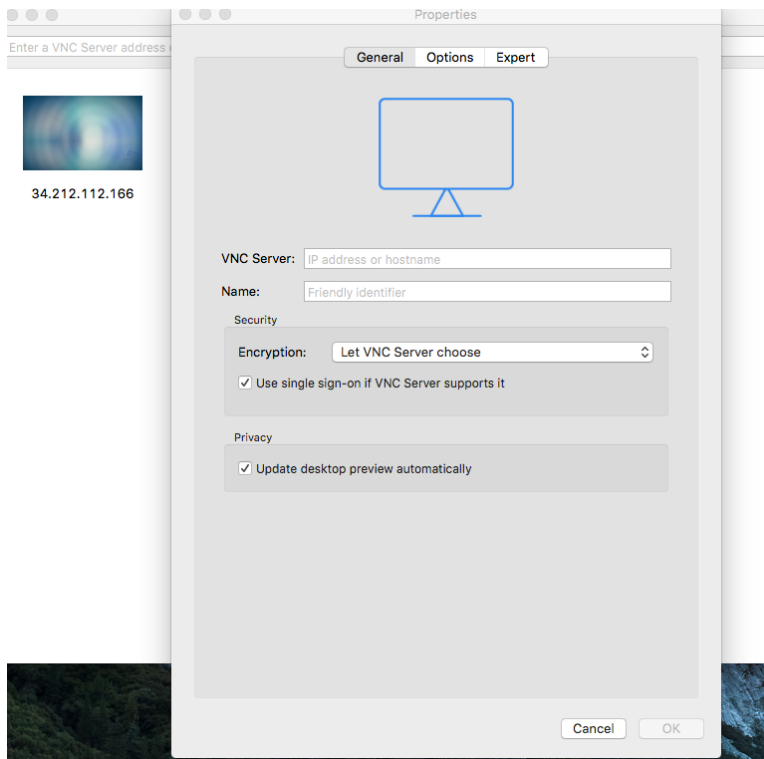
To change the desktop screenlock time:
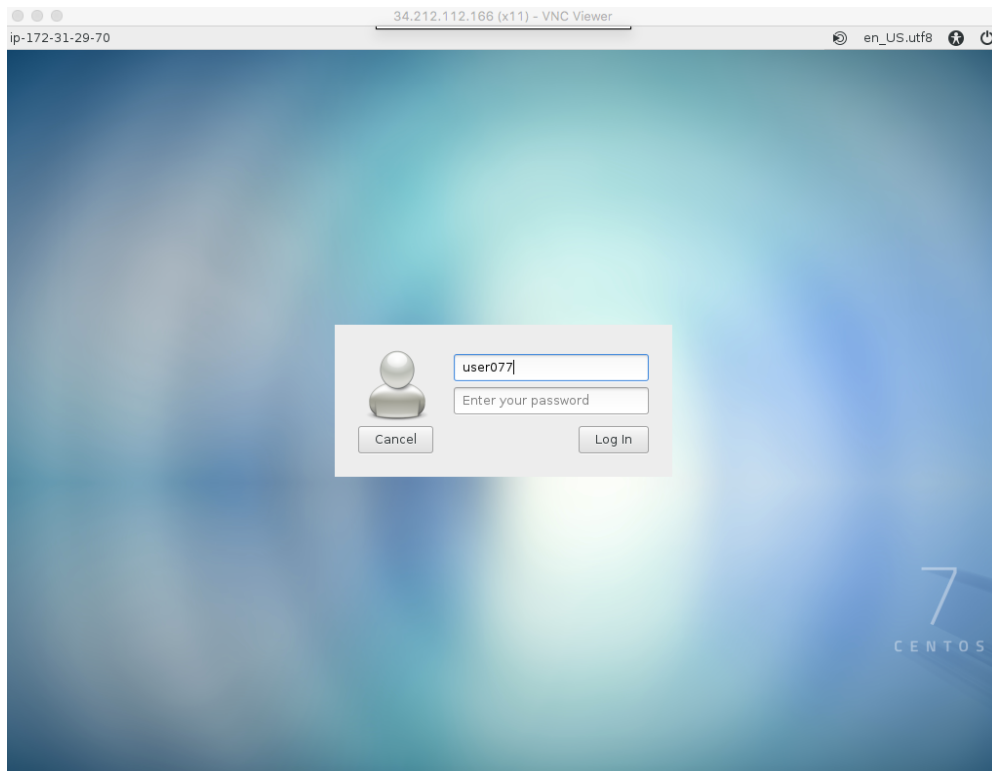System -> Preferences -> Look and Feel -> Screensaver -> Blank Screen

Then type the following in your xterm to start the Pylima notebook:
	➢ source activate astroconda
	➢ cd examples
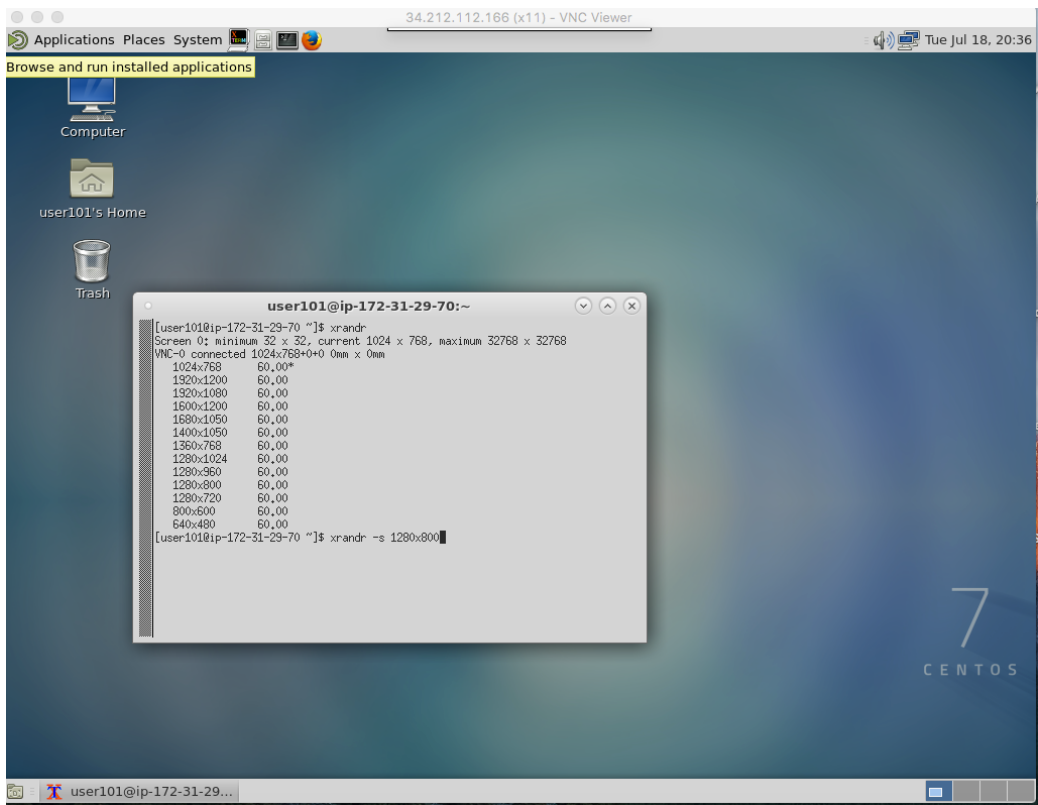	➢ jupyter notebook SAGAN_binary_3.ipynb

[The next 2 pages contain screen shots corresponding to the steps above.]

Corresponds to Step 2: create a VNC server by entering your IP and give it a name.

Corresponds to Step 2b: enter your user name and password

Corresponds to Step 3: change the screen size and then start the Pylima notebook in your xterm.