

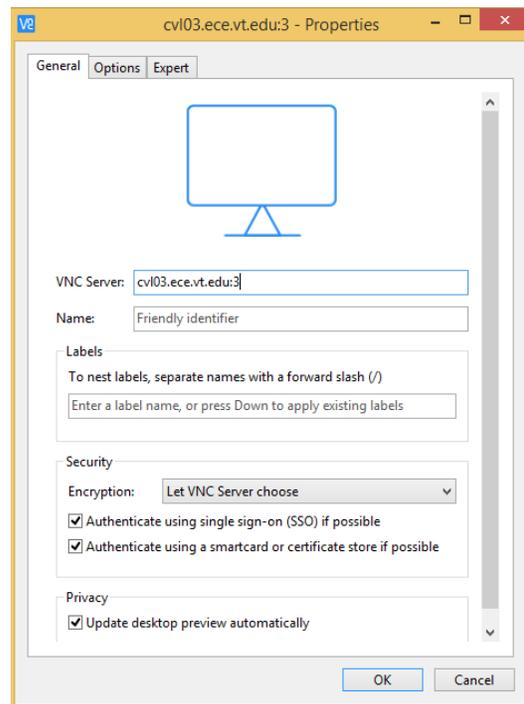
Accessing CVL using VNC Viewer

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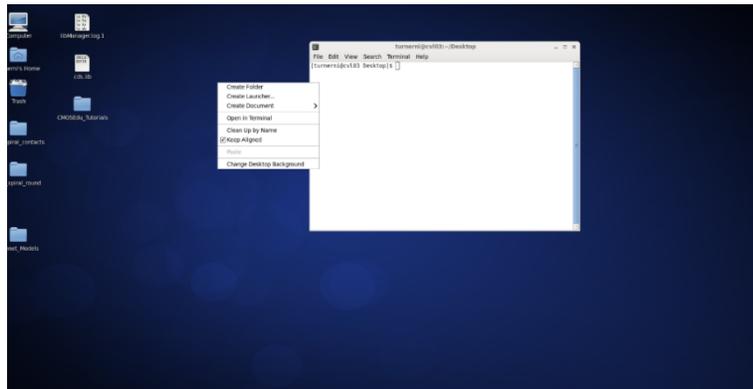
1. Download VNC Viewer at this link:
<https://www.realvnc.com/en/connect/download/viewer/>
2. Log onto the CVL using XTerm or MobaXterm
3. Type `vncserver :# -geometry WxL` as shown in the figure below. The WxL values should be close to whatever the resolution of your desktop is. On Windows you can right-click on the desktop and go to Screen Resolution and read the Resolution currently selected. The '#' value is just any number 1-9.

```
[turnerni@cvl03 ~]$ vncserver :3 -geometry 1900x1000
New 'cvl03.ece.vt.edu:3 (turnerni)' desktop is cvl03.ece.vt.edu:3
Starting applications specified in /home/turnerni/.vnc/xstartup
Log file is /home/turnerni/.vnc/cvl03.ece.vt.edu:3.log
[turnerni@cvl03 ~]$ █
```

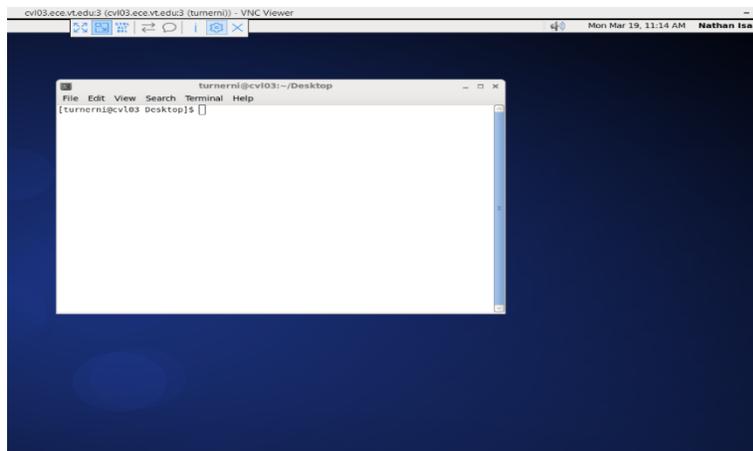
4. Type your Password as the prompt and then type it again at the Verify prompt
5. Open up VNCViewer → File → New Connection, and then type in the VNC Server hostname as the `cvl_host_you_are_on:#_from_step_3`, as shown in the figure below.



- Next double click the connection you just made → Click Continue → Type in the password you specified in step 4.
- A Desktop should show up, this is the CVL Server desktop. You can right click on the desktop and select Open in Terminal to open a terminal.



- After you are done using the VNC, make sure to end all processes that you have running – Cadence, Sonnet, ADS etc. – and go to the top center of the Desktop and click the X to disconnect.



- This VNC Server can exist for as long as you want, as long as you are connected to the correct CVL you can just open VNCViewer and double click to resume your VNC Session. However, once you are no longer using it be sure to kill the session by typing in the terminal: **vncserver -kill :#** (where the # is the same as in step 3).

```
[turner@cvl03 .vnc]$ vncserver -kill :3
Killing Xvnc process ID 5813
[turner@cvl03 .vnc]$
```