

Connecting to Lylestation via VNC for Students

Prerequisites: You must download 2 programs (a secure-shell program, such as PuTTY for Windows, and vncviewer) before you will be able to connect to lylestation using VNC. There are two steps listed at the bottom of this document which deal with downloading these two required software programs.

Starting a VNC Server on lylestation

Use your secure-shell program (e.g. PuTTY) to connect to lylestation.unh.edu using the **ssh** protocol rather than the default **telnet** protocol. For example, in PuTTY, check the **ssh** box, type **lylestation** in the Host Name window, click Load, then Open. (You can save these settings by typing lylestation in the Saved Session window and clicking save. Next time, just load your saved setting and click open.)

Login to lylestation using your **system** login name and password.

Type the command: `/usr/bin/vnc_setup`

1. You will be asked to assign a password for your new **vnc session**. What this password is does not matter, as it will be erased as soon as you exit your **vnc session**.
2. `vnc_setup` will indicate the location of your new session in the form: New 'X' desktop is **lylestation.unh.edu:1**
3. Make a note of this new desktop, especially the number after the colon. The number after the colon will increase as sessions are created.
4. The above steps must be done **before** using vncviewer.

Connecting to lylestation with vncviewer

Start the vncviewer program on your pc.

It will ask you for a "VNC server". Enter the desktop name. From the example given in step 5 from the above, you would enter: **lylestation.unh.edu:1**

1. You will then be prompted for your **vnc session password**. (This is erasable one)
2. You may now use lylestation.

Terminating your VNC session

All VNC sessions use resources. You should shutdown your VNC session when you are done using it or lylestation will begin to slow down. To terminate your session, type the following command in the secure shell program on lylestation: `/usr/bin/vnc_stop` then **exit**

This will terminate your VNC session and all programs and processes associated with it.

Notes on using VNC

Once you have created a VNC session, you may connect and reconnect to it as many times as you wish with vncviewer without re-running `vnc_setup`.

1. If you have a current vnc session and run `vnc_setup`, you will be prompted to terminate the current session before it will allow you to proceed. All the running programs associated with that session will also be terminated.
2. Excessive numbers of VNC sessions will cause performance problems; so please remember to use **vnc_stop** when you are done.

Downloading Secure Shell and VNC

A secure shell client program and vncviewer may be acquired by following these two steps:

1. Download VNC for your computer from:

<http://www.realvnc.com/download.html>

The package you download will contain a program called

vncviewer. You will only need that program.

2. Download a secure-shell client (e.g. PuTTY or ssh for Windows), nifty telnet for Mac, for your computer from:

<https://rcc.sr.unh.edu/network/ssh>

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

3. FTP client can be downloaded also from the UNH downloads page:

<http://www.unh.edu/tech-services/winindex.html>