LOGGING IN TO THE UBUNTU LINUX OPERATING SYSTEM

On-campus: You will need a 32- or 64-bit version of <u>PuTTY</u> SSH client (*putty.exe*) to <u>log in</u> to Ubuntu Linux. You will also need <u>PSFTP</u> file transfer client (*psftp.exe*) to log in to Ubuntu Linux and <u>transfer files</u> between the Linux environment/terminal and your local desktop.
Off-campus: You will need the above plus a VMWare Horizon client.
Note: **To log in to Linux use PuTTY, to transfer files use PSFTP**.

1. **Log in to Ubuntu Linux from U of L Campus** **from the University computer (for example, in COB CIS Lab, Room 054)**

   a. Log in to your desktop.
   b. You should see the PuTTY and PSFTP client icons on your desktop. If you do not see them on the desktop, *putty.exe* and *psftp.exe* may be in the Program Files folder.
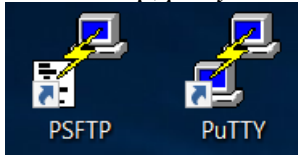
   c. If you do not have the PuTTY and PSFTP clients installed on your University computer, you can find them at the following links.
   http://www.putty.org/
   http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
   When you work on the U of L computer, you may <u>not</u> be able to download PuTTY and PSFTP clients to your desktop as you do not have administrative privileges. However, you can <u>run</u> them.
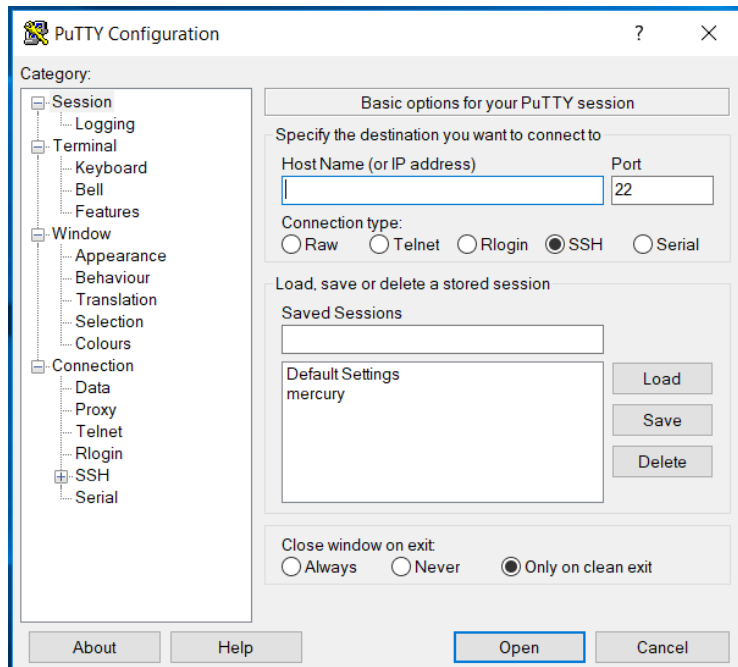   d. Double click on the PuTTY icon (or simply run *putty.exe*) and you should see this screen:
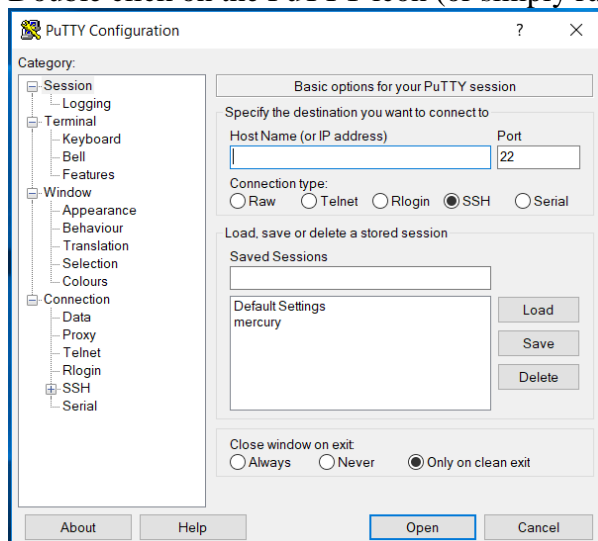
   e. In the Host Name box, key in *mercury.cbpa.louisville.edu* and click the Open tab.
   f. When you see the prompt for user id (*login as: …*), key in **your ULink user id** and hit Enter.
   g. You should see the prompt for the password. Key in your initial password: ***hello123*** and hit Enter. Note that as you type the password it will not show on the screen and the cursor will not move.
   h. You should see the Ubuntu Linux prompt: youruserid@mercury:~$. For example, my prompt would be jmzura01@mercury:~$. You are logged in to the Ubuntu Linux, a Linux variant. You are in the Bourne-Again shell (Bash shell), which is the default shell.
   i. You may change your initial password to your new permanent password using the **passwd** command. The new password could be the same as your ULink password.
   j. To log out from Ubuntu Linux, type *logout* or *exit* and press Enter.

2. Log in to Ubuntu Linux from U of L Campus from Your Own Computer

a. Log in to your desktop.
b. You should see the PuTTY and PSFTP client icons on your desktop. If you do not see them on the desktop, *putty.exe* and *psftp.exe* may be in the Program Files folder.

c. If you do not have the PuTTY and PSFTP clients installed on your computer, you can find them at the following links:
   http://www.putty.org/
   http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
   and install them.
d. Double click on the PuTTY icon (or simply run *putty.exe*) and you should see this screen:

e. In the Host Name box, key in *mercury.cbpa.louisville.edu* and click the Open tab.
f. When you see the user id prompt, key in your ULink user id and hit Enter.
k. You should see the prompt for the password. Key in your initial password: **hello123** and hit Enter. Note that as you type the password it will not show on the screen and the cursor will not move.
g. You should see the Ubuntu Linux prompt: userid@mercury:~$. For example, my prompt would be jmzura01@mercury:~$. You are logged in to the Ubuntu Linux, a Linux variant. You are in the Bourne-Again shell (Bash shell), which is the default shell.
h. You may change your initial password to your new permanent password using the **passwd** command. The new password could be the same as your ULink password.
i. To log out from Ubuntu Linux, type *logout* or *exit* and press Enter.

3. **Log in to Ubuntu Linux from your Home/Office Computer off-Campus**

You can connect via a **VMWare Horizon client**. You do not need the VPN account. If you do not have the VMWare Horizon client installed on you home/office desktop/laptop, you may download it from the COB website https://business.louisville.edu/current-student-resources/facilities-technology/virtual-desktop/ for Windows 32-bit or Windows 64-bit OS.

   a. Using VMWare Horizon to log in to COB Virtual Lab (server: *virtualcob.louisville.edu*, ULink user id and ULink password. See the screens below. If you have a new Horizon client installation, you should use *virtualcob.louisville.edu* for a server address. If it's an old installation remove the original *virtualcob.louisville.edu*, shut the program down and add *virtualcob.louisville.edu* like it were new.
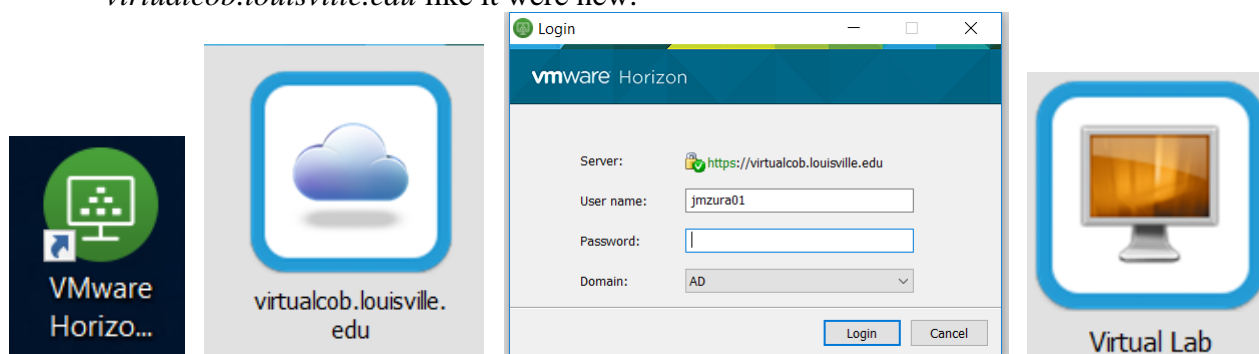
   b. If you receive the "desktop source is unable to accept connections" error, try the following fixes. Right click the icon labeled Virtual Lab, or click the three dots in the bottom right corner of the icon, and select the "PCoIP" option. It resolves the problem in the vast majority of instances. Sometimes the error is caused by using a network connection that is not secure - off campus, any reasonably fast and stable Wi-Fi that has a password should be fine, but on campus, only ulsecure will work, not ulvisitor. If you are connected to a secure network and using the PCoIP option but continue seeing errors, please contact Nathan Hardy, the COB IT person, at nathan1.hardy@louisville.edu.

   c. Log in to Ubuntu Linux using PuTTY as described in points 1 or 2 on the previous page.

   d. You should see the Ubuntu Linux prompt: youruserid@mercury:~$. For example, my prompt would be jmzura01@mercury:~$. You are logged in to the Ubuntu Linux, a Linux variant. You are in the Bourne-Again shell (Bash shell), which is the default shell.

   e. You may change your initial password to your new permanent password using the **passwd** command. The new password could be the same as your ULink password.

   f. To log out from Ubuntu Linux, type *logout* or *exit* and press Enter.

Note: To log in use PuTTY, to transfer files use PSFTP.

If you have problems to log in, bring it to my attention ASAP!