JCCC Virtual Labs

http://ats.web.

Welcome to the JCCC Virtual Lab Environment. This system allows students to access campus software titles on their personal computers from almost anywhere. While there are limits on software available due to licensing and technical constraints, most of the general access Windows software can be run by accessing a virtual Windows computer from your local computer or mobile device, without physically needing to visit the lab.

Click the link for more information on installing on that device type.

- Windows PC/laptop
- Apple iMac or MacBook
- iPad
- Android
- Linux

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.

Windows PC or laptop

There are two ways to connect and access a virtual Windows computer from your Windows PC or laptop.

One method involves connecting through a supported web browser such as Google Chrome or Mozilla Firefox.

The other involves downloading a client to your PC or laptop.

**For best performance, installing the full client is recommended.**

Click here for instructions on accessing through a supported web browser (note: instructions for accessing through a browser are the same for Windows and Apple systems).

**Click here for instructions on how to download and install the full client.**

Web browser access from an Apple Mac or Windows device

1. Open a web browser and navigate to **https://vlabs.jccc.edu**. (Note: if using an Apple Mac or MacBook, you must use the Safari browser).

    You will see the following screen:
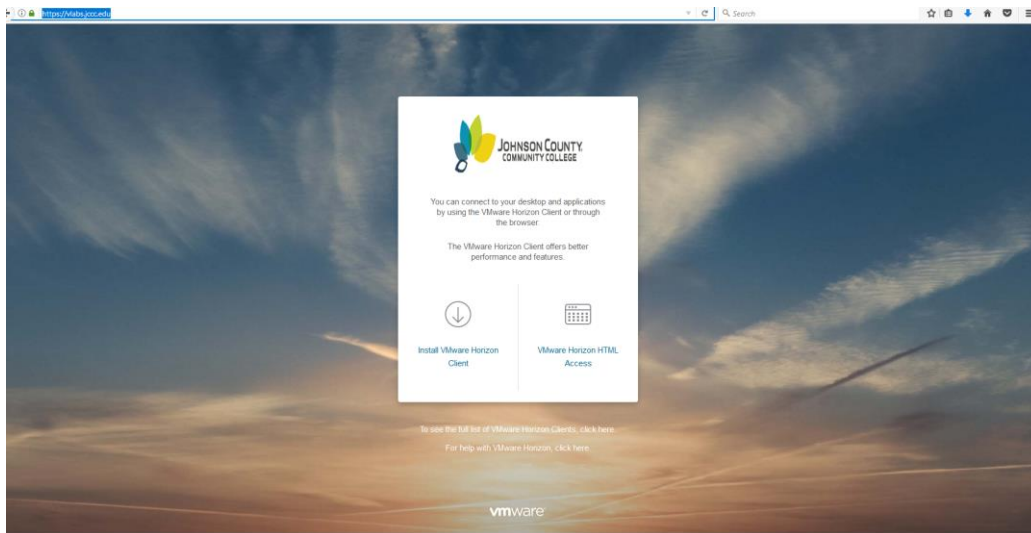
2. To run the virtual lab through your web browser, click **VMware Horizon View HTML Access** option on the right.

3. At this point, you may receive a message alerting you to the fact that the version of the browser you are using is not compatible with this service. The supported browsers will be listed for you, and you may need to upgrade your browser.

4. Enter your JCCC username and password, and click **Login. Be sure that JCCC-STUDENT is selected as shown below:**
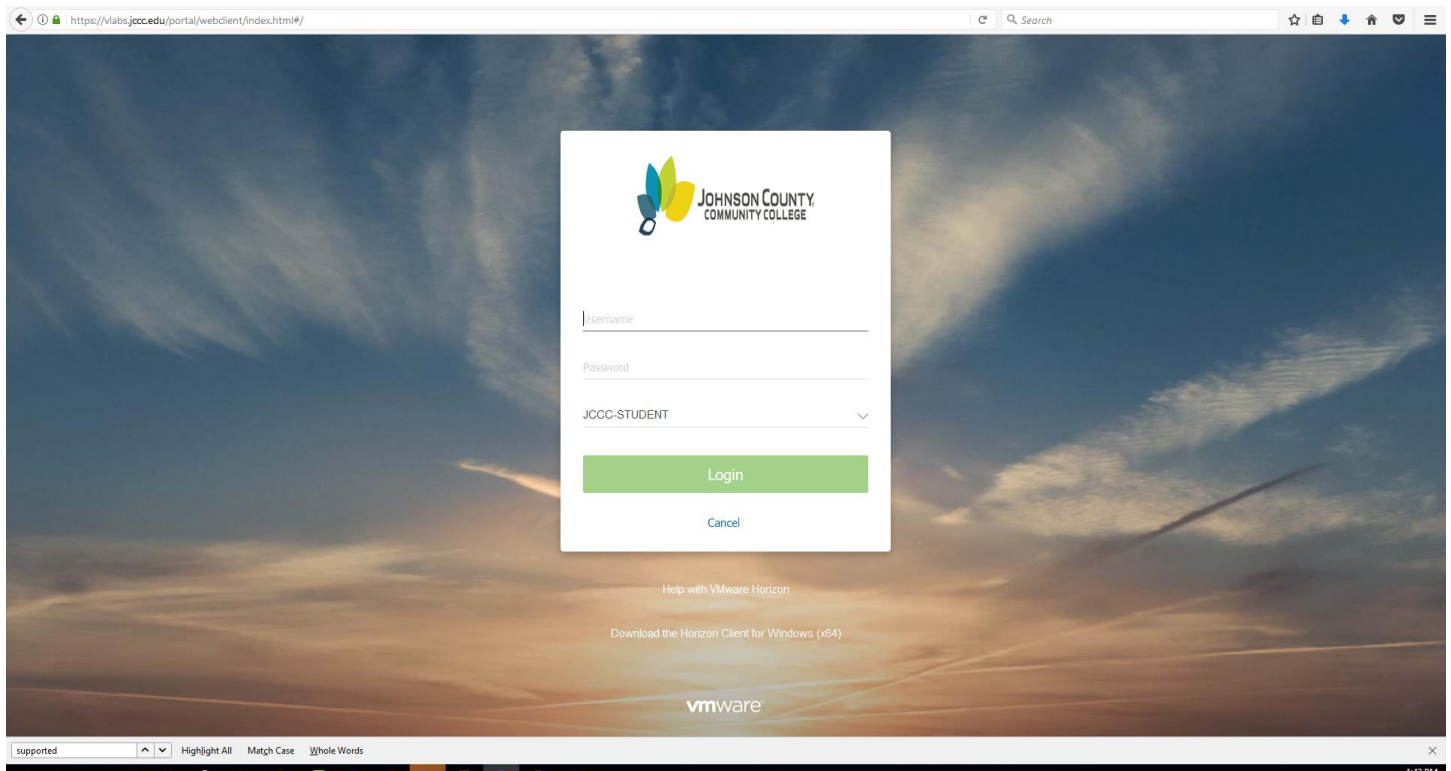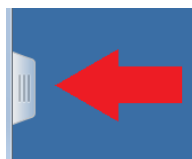
5. You will see a list of virtual machines. Click the desired virtual machine.
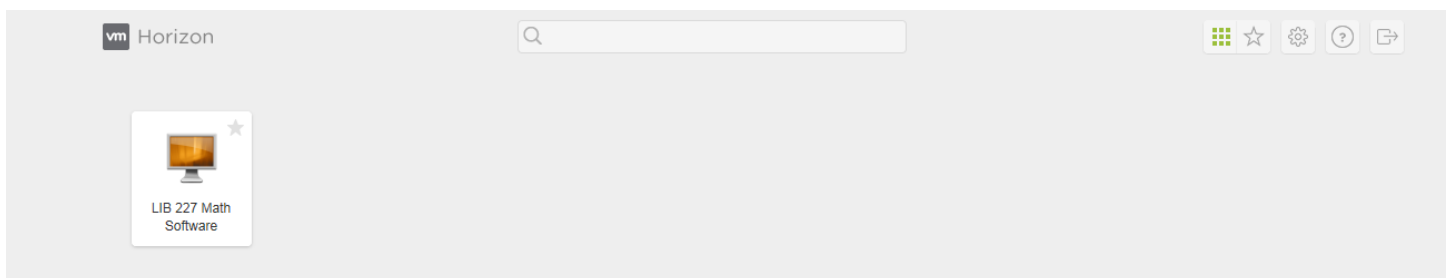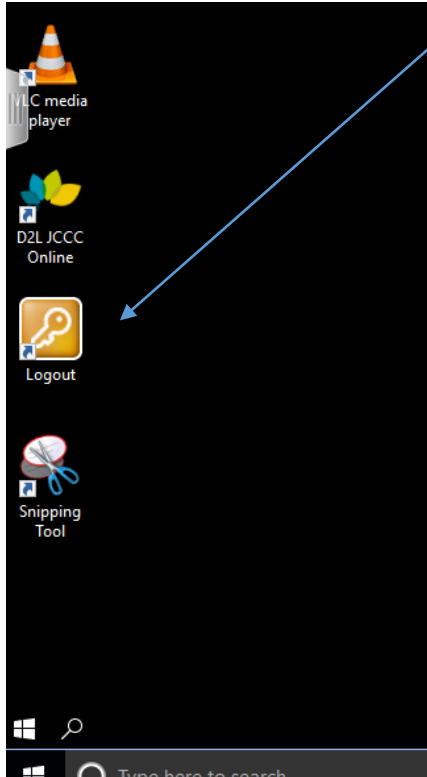

6. Once you are connected, you will automatically be logged in. The login process could take from 30-120 seconds so please be patient!.

7. To see your other options, click the tab found at the left center of your screen to display the menu:

8. When finished, please double-click the Logout icon on the virtual computer desktop:

Warning: Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

Please note the following:

1) Once you click Logout or close your browser your session will end. Please save anything that you need to cloud space before logging off!

2) Removable USB drives cannot be used in a Virtual Labs Web session.

3) If your session ends unexpectedly prior to clicking Logout (say, for example, that you close the browser or browser tab, or a network error occurs that cause you to lose connectivity), you may be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will automatically end.

Simply open another browser window, go to vlabs.jccc.edu, login again if prompted, and choose the same virtual machine. Your session will then resume from where you left off.

# Installing VMware Horizon Client on Windows PC or laptop

Installing the Client

1. Open a web browser and navigate to **https://vlabs.jccc.edu**. You will see the following screen:
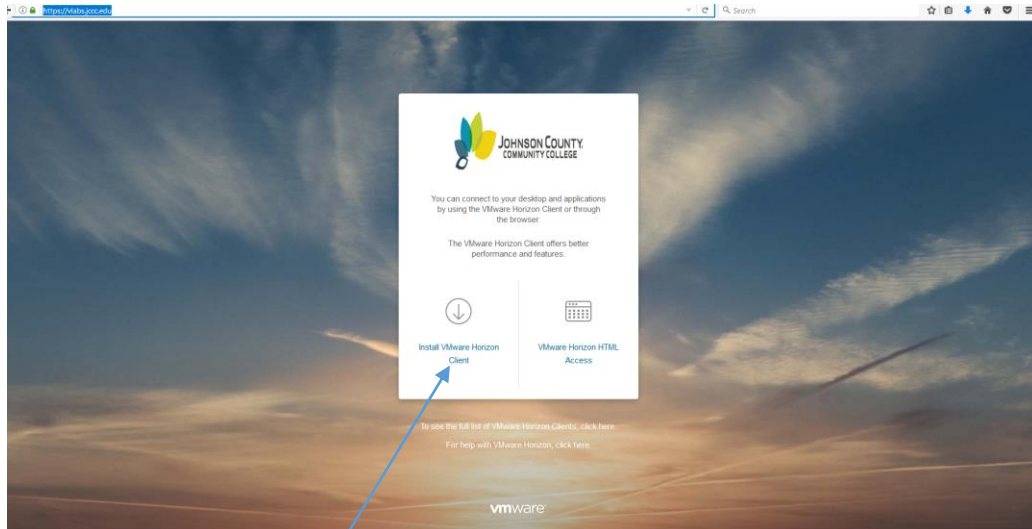

2. Choose the **Install VMware Horizon Client** option.
3. Near the top of the list, you will see the latest VMware Horizon Clients. Next to the option appropriate to your device, click **Go to Downloads.**
   A screen similar to the one below will appear.
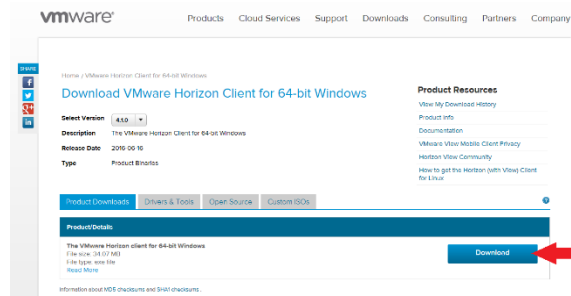
4. Click **Download** at the bottom right of the screen.

5. Click **Run** at the bottom of the screen.
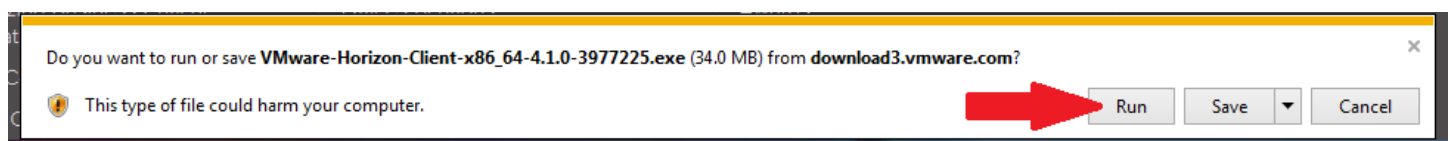
6. A window will appear asking if you want to allow the following program (VMware) to make changes to your computer. Click **Yes.**
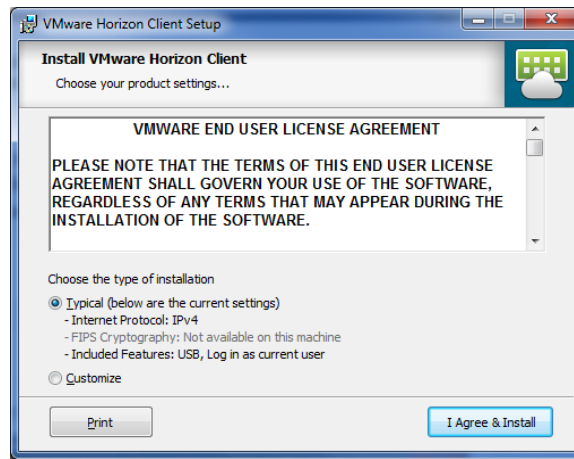
7. You will need to accept the license agreement to continue. Click "**I Agree & Install**."

8. VMware View is now ready to be installed. The process will only take a minute or two. Click **Finish**.
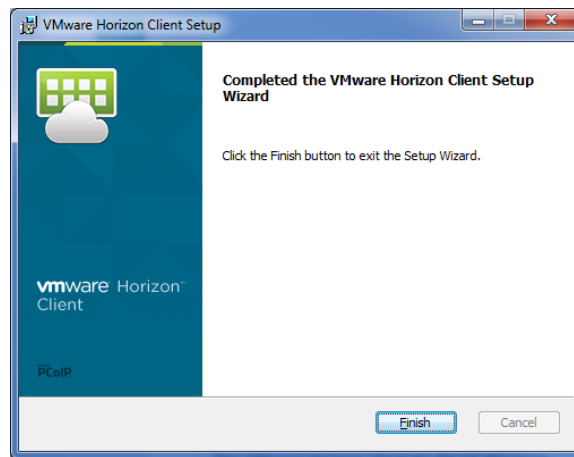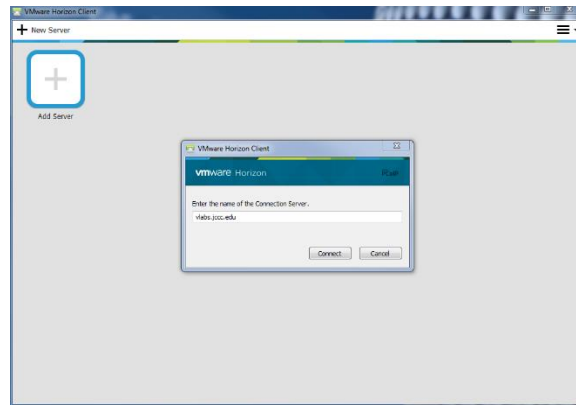

9. A dialogue box will appear, asking you if you wish to restart your computer now or later. This must be done at some point in order to complete the installation. To restart your computer now, click **Yes.** To do it later, click **No.**
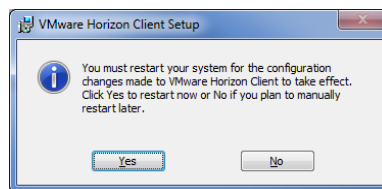
10. Locate the VMware Horizon Client shortcut on your desktop and double-click to open it.
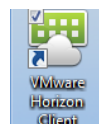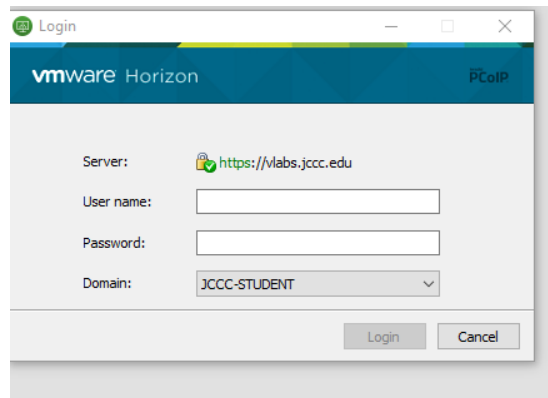
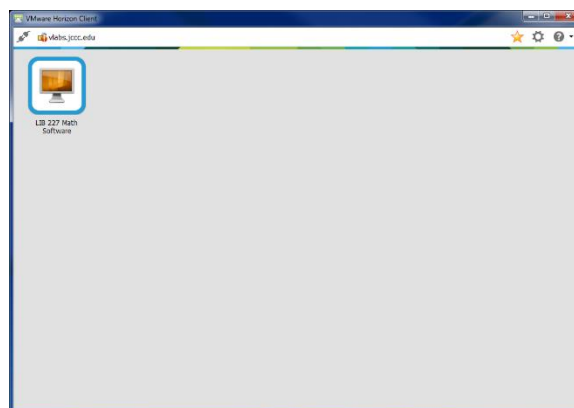11. Click **New Server**, and type in the text box: "**vlabs.jccc.edu"**

12. Click **Connect**.
13. In the box that appears, type your JCCC username and password. Be sure JCCC-STUDENT is selected in the Domain box:
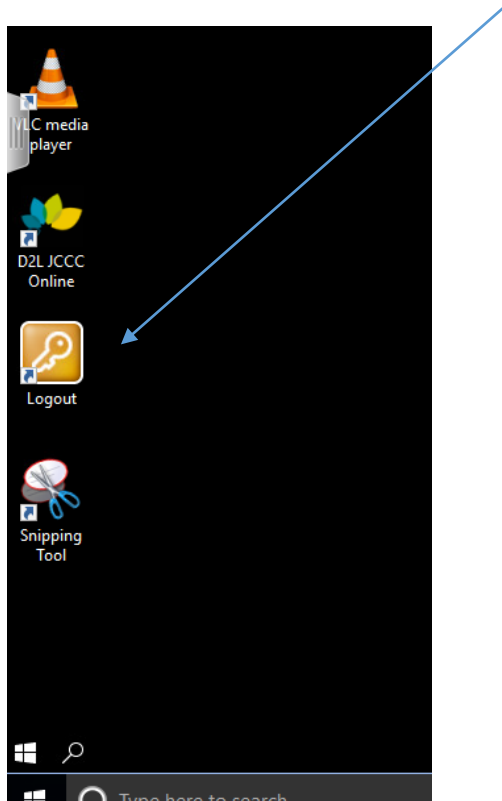
14. Click **Login**.
15. Double click on the virtual machine you wish to use.

16. When finished, please double-click the Logout icon on the virtual computer desktop:

Warning: Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

Please note the following:

1) Once you click Logout, your session will end so please save anything that you need to cloud space before logging off.

2) Removable USB drives **can** be used with the Vmware Horizon Client. Click "Connect USB Device" on the toolbar at the
top of the screen:
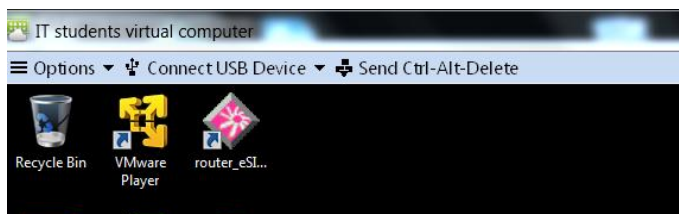
You have two choices:
1) **Automatically Connect at Startup**: Select this option if you want VMware Horizon to only detect a USB device when the VMware is started.
2) **Automatically Connect when Inserted**: Select this option if you want VMware Horizon to detect a USB device whenever one is inserted into a USB drive.

3) If your session ends unexpectedly prior to Logging off (say, for example, that you close the VMware Horizon client by clicking the X on the toolbar, or a network error occurs that cause you to lose connectivity), you will be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will end.

To resume your session within the 15 minute timeframe, open the client, login, and choose the same virtual machine. Your session will then resume from where you left off.

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.

Apple iMac or Macbook access

There are two ways to connect and access a virtual Windows computer from your Apple iMac or MacBook.

One method involves connecting through a supported web browser such as Google Chrome or Mozilla Firefox.

The other involves downloading a client to your iMac or MacBook.

For best performance, installing the full client is recommended.

Click here for instructions on accessing through a supported browser (note: instructions for accessing through a browser are the same for Windows and Apple system).

Click here for instructions on how to download and install the full client.

Installing the Client

1) Open a web browser and navigate to **https://vlabs.jccc.edu**. You will see the following screen:
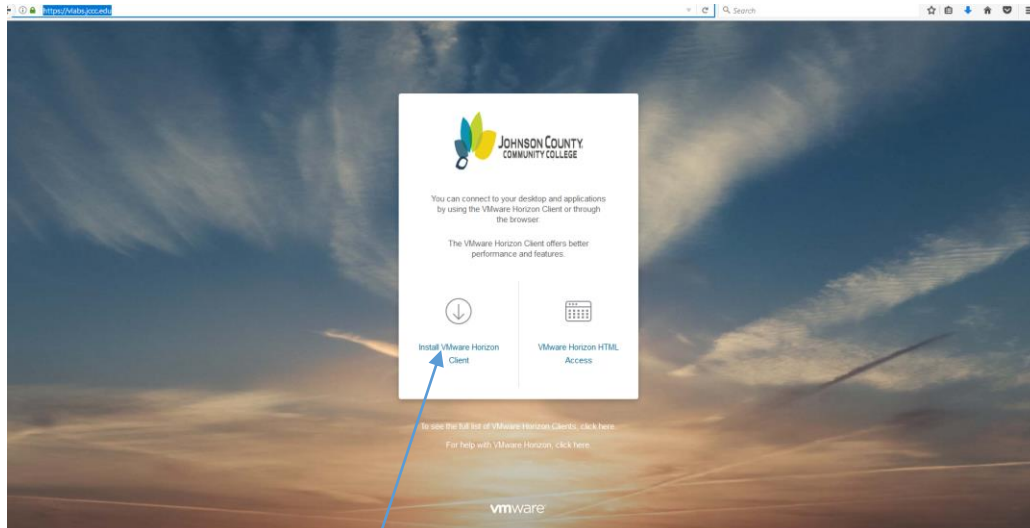
2) Choose the **Install VMware Horizon Client** option. Download the client for Mac as shown below:
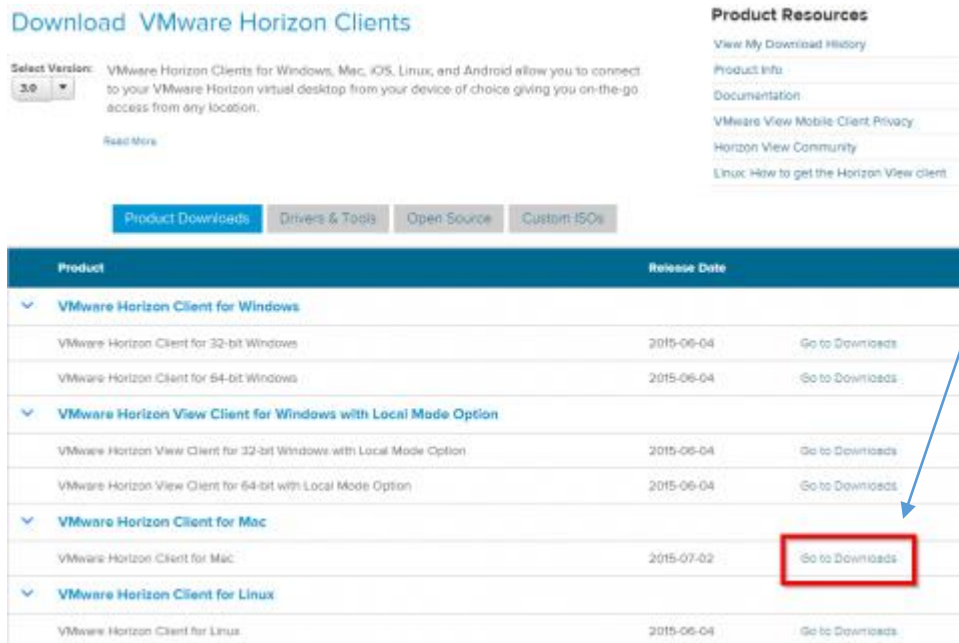
3) Double click the Hard Drive icon in the top right corner of your screen, then click 'Downloads' in the left column to find your file. Open the downloaded file and agree to the terms of service.

4) Next, you will need to drag the VMware Horizon Client to the Applications folder as shown below:
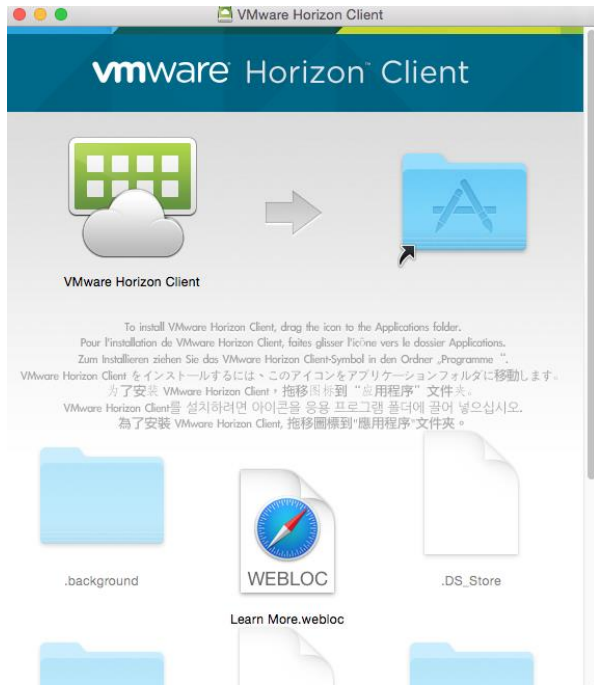
5) Navigate to the Applications folder and open the VMware Horizon Client. There will be a dialog box asking you to enable USB. Click Yes.
6) Client is now open. Click "New Server" and type vlabs.jccc.edu.
7) Enter your campus username and password (same that you use for stumail). Be sure that JCCC-STUDENT is selected for Domain.
8) After a successful login, you will see the virtual computers accessible to you:
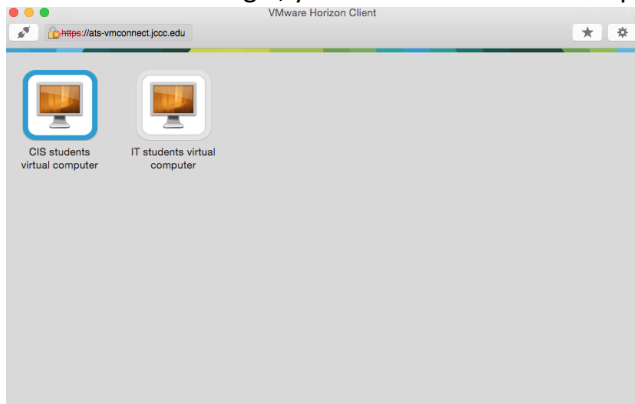
Double-click to open a virtual computer.

9) When finished, please double-click the Logout icon on the virtual computer desktop:
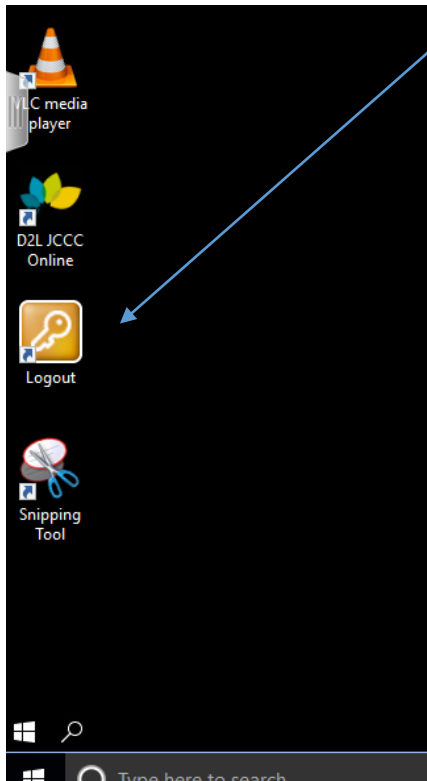
Warning: Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

Please note the following:

1) Once you click Logout your session will end so please save anything that you need to cloud space before logging off.

2) Removable USB drives **can** be used with the Vmware Horizon Client. Click "Connect USB Device" on the toolbar at the
top of the screen:

You have two choices:

a) **Automatically Connect at Startup**: Select this option if you want VMware Horizon to only detect a USB device when the VMware is started.

b) Automatically Connect when Inserted: Select this option if you want VMware Horizon to detect a USB device whenever one is inserted into a USB drive.

3) If your session ends unexpectedly prior to Logging off, you may be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will end.

To resume your session within the 15-minute timeframe, open the client, login, and choose the same virtual machine. Your session will then resume from where you left off.

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.

Accessing virtual labs from an iPhone or iPad running Apple iOS

You can access virtual labs from your iPad or iPhone through the Safari web browser or by installing the client from the App Store.

Click here for instructions on accessing through the Safari web browser

Installing the Horizon Client:

Open the App Store on your iOS device. Search for Vmware Horizon Client and download to your device.

Click Open as shown below:
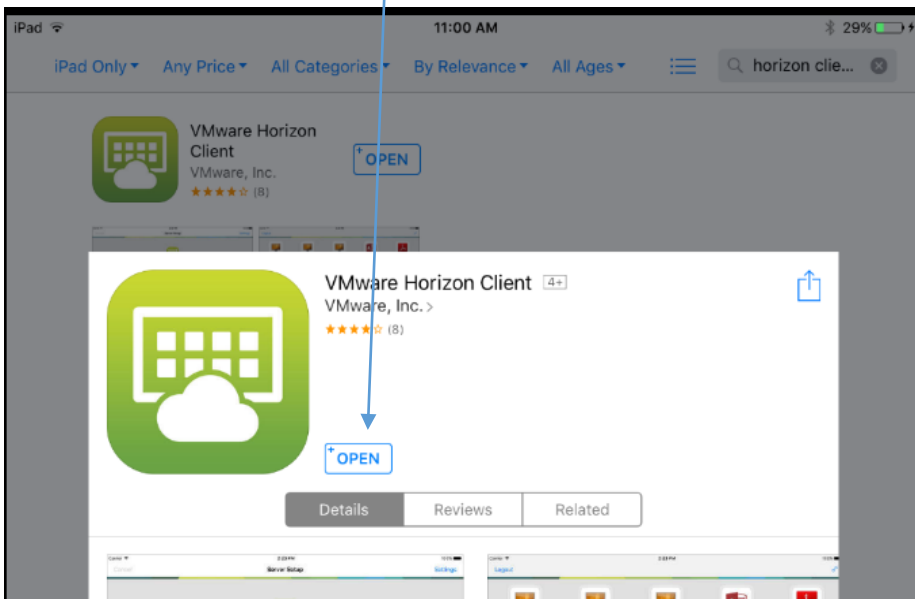
On the Server Setup screen, type vlabs.jccc.edu in the Server Address box the click "Add Server":
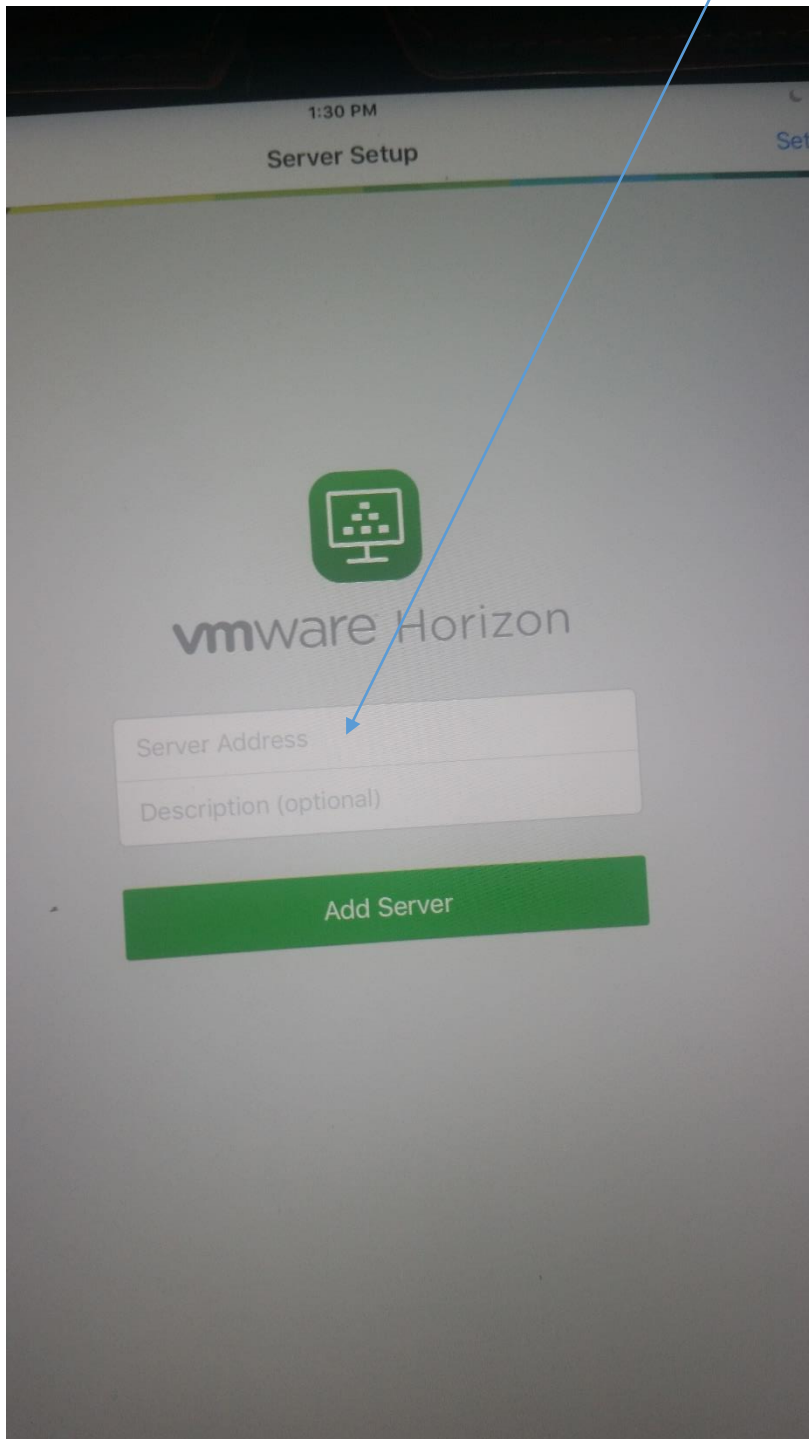
To login to a virtual computer, enter your campus username and password (same that you use for stumail). Be sure that JCCC-STUDENT is selected for Domain.

After a successful login, you will see the virtual computers accessible to you.

When finished, please double-click the Logout icon on the virtual computer desktop:

> **Warning:** Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

> **Please note the following:**

> 1) Once you click Logout your session will end so please save anything that you need to cloud space before logging off.

> 2) If your session ends unexpectedly prior to Logging off, you may be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will end.
>
>   To resume your session within the 15-minute timeframe, open the client, login, and choose the same virtual machine. Your session will then resume from where you left off.

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.
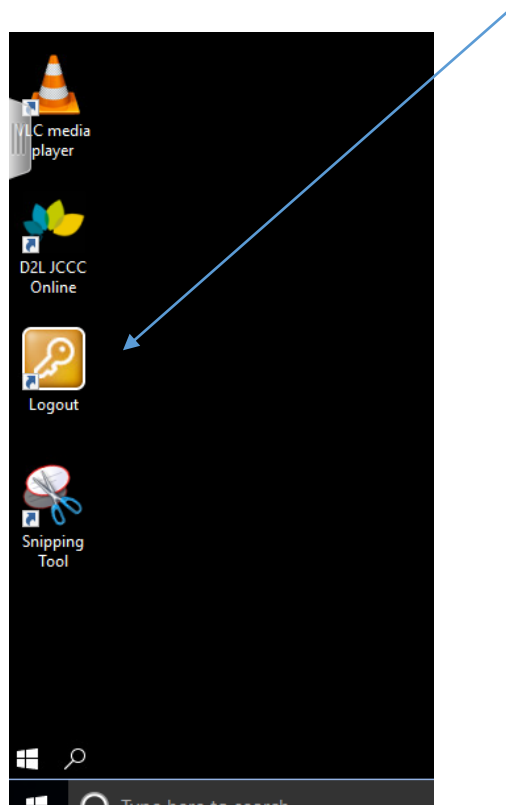
Accessing virtual labs from an Android device

NOTE: it is strongly recommended that you utilize the client when accessing virtual labs from an Android device and not a web browser.

To install the client, first open the Google Play Store app or go to play.google.com/store from a web browser.

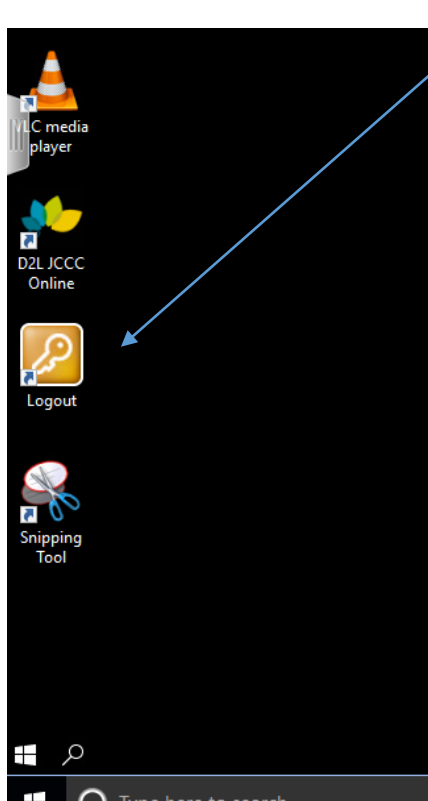Search for Horizon View Client. Select it to Install it to your device.

When it has finished installing, open it. You will be prompted to enter a Server Name or Address.

Type vlabs.jccc.edu in the Server name or Address box. Leave the Server Description box blank.

To login to a virtual computer, enter your campus username and password (same that you use for stumail). Be sure that JCCC-STUDENT is selected for Domain. Click Connect.

After a successful login, you will see the virtual computers accessible to you.

When finished, please double-click the Logout icon on the virtual computer desktop:

Warning: Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

1) Once you click Logout your session will end so please save anything that you need to cloud space before logging off.

2) If your session ends unexpectedly prior to Logging off, you may be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will end.

   To resume your session within the 15-minute timeframe, open the client, login, and choose the same virtual machine. Your session will then resume from where you left off.

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.

Accessing Virtual labs from Linux

Download the latest VMWare Horizon Client for Linux from here:
https://my.vmware.com/en/web/vmware/info/slug/desktop_end_user_computing/vmware_horizon_clients/4_0

Select either 32-bit or 64-bit installer, depending on which is appropriate for your Linux installation.

∨ VMware Horizon Client for Linux		
VMware Horizon Client for 32-bit Linux	2016-03-31	Go to Downloads
VMware Horizon Client for 64-bit Linux	2016-03-31	Go to Downloads

Click download here to retrieve your file. Default directory is /home/username/Downloads.

| **Product/Details**	
The VMware Horizon Client for 64-bit Linux File size: 72.42 MB File type: installer bundle Read More	**Download**

nformation about MD5 checksums and SHA1 checksums .

Open a terminal window and type in the following commands. Once you are in the correct directory, you may type "VM" then press tab to avoid having to type the entire filename.

```
ethan@ethan-LINUX: ~/Downloads
ethan@ethan-LINUX:~$ cd /home/ethan/Downloads
ethan@ethan-LINUX:~/Downloads$ chmod a+x VMware-Horizon-Client-4.0.1-3698616.x64
.bundle
ethan@ethan-LINUX:~/Downloads$ sudo ./VMware-Horizon-Client-4.0.1-3698616.x64.bu
ndle
[sudo] password for ethan:
Extracting VMware Installer...done.
ethan@ethan-LINUX:~/Downloads$ ▯
```

Step through the installation. Accept all defaults unless you would like to save on disk space. Restart your computer after the install so that your program will show up. Click the home/finder button and type in "horizon" or "view" and select the program.
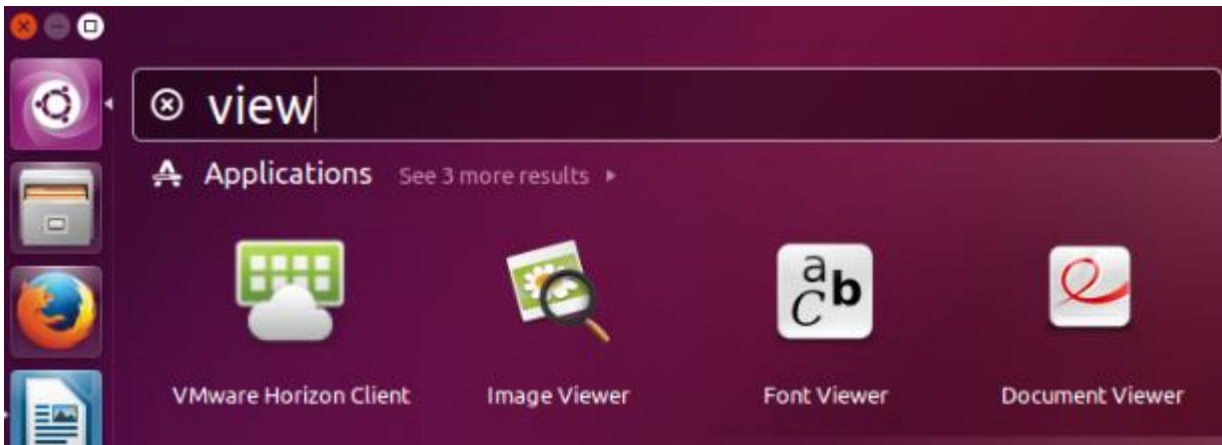
Open the VMware Horizon Client. Click "add server" then type vlabs.jccc.edu.

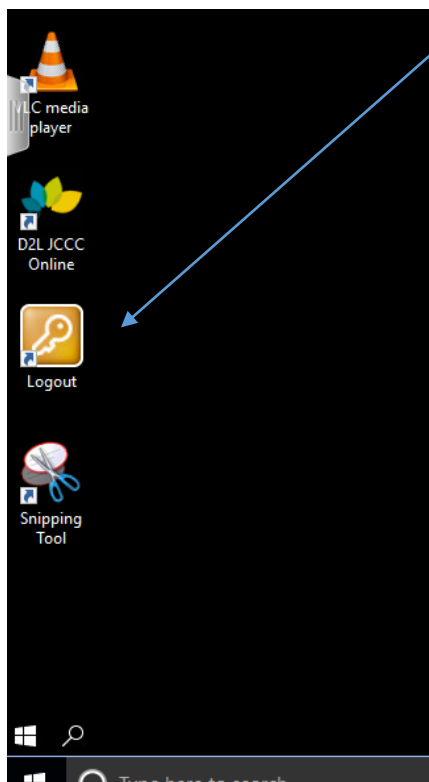Enter your login information. Be sure to select JCCC-STUDENT from Domain drop-down.

You will then have access to virtual machines.

Double click on any machine. You will then access a session to that virtual machine.

When finished, please double-click the Logout icon on the virtual computer desktop:

Warning: Just like in the lab, anything saved to the desktop or PC is lost when you exit. Always save to your network drive or cloud space such as Google Drive.

Please note the following:

3) Once you click Logout your session will end so please save anything that you need to cloud space before logging off.

4) If your session ends unexpectedly prior to Logging off, you may be able to resume your session if you log in again within 15 minutes. After 15 minutes, the session will end.

   To resume your session within the 15-minute timeframe, open the client, login, and choose the same virtual machine. Your session will then resume from where you left off.

Questions? For assistance, call 913-469-8500, ext. 4357 (HELP), toll-free 866-896-5893, techsupport@jccc.edu.