

Accessing the Virtual SINC Site (Linux)

TLT Student Consultant Help Desk
Stony Brook University
Chat: <http://tlt.stonybrook.edu/helpme>

(631) 632-9602
helpme@stonybrook.edu
www.stonybrook.edu/tlt

In this document, you will learn how to:

1. Log into the Virtual SINC Site
2. Download the Citrix Receiver for first-time users
3. Add frequently used applications for your favorites
4. Access the Virtual SINC Site full desktop interface
5. Save documents created in the Virtual SINC Site
6. End your session

About the Virtual SINC Site...

The Virtual SINC Site, or VSS is an online program that allows you to access a wide variety of applications that you would normally not have access to. Similar to a SINC Site computer, the Virtual SINC Site gives you the ability to utilize programs like Adobe Photoshop, Adobe Acrobat or other programs that would normally be too expensive to own. The Virtual SINC Site has the added benefit of being accessible 24/7 from any computer with Internet access!

Important Information

There is a 30-minute idle timeout built into the Virtual SINC Site. If your session is idle for 30 consecutive minutes, you will automatically get logged off and any unsaved work will be lost. Also, if you are trying to access the Virtual SINC Site from an **off-campus** location, you will need to connect to the VPN first. More information on the VPN can be found at <http://it.stonybrook.edu/services/vpn>.

Technical Requirements

In order to access the Virtual SINC Site from a Linux computer, you will need the following:

- An active NetID
- A working Internet connection
- Access to the VPN (for off-campus users)
- Support for 32-bit and 64-bit Linux distros
- One of the following web browsers:
 - Mozilla Firefox 13 or later
 - Google Chrome 19 or later
- The Citrix Receiver application (see below)

Logging into the Virtual SINC Site

1. In your web browser, go to <https://vss.stonybrook.edu/hdxweb>
2. When prompted, enter your **NetID** and **NetID password**
3. Click **Log On** to log into the Virtual SINC Site
- 4.



Downloading and Installing the Citrix Receiver Application

1. In your web browser, go to <http://receiver.citrix.com/?ntref=receiverdownload>
2. Click **Download Receiver** or **View other devices** to see a full list of supported operating systems
3. Install the Citrix Receiver application:
 1. **32-bit** users should click the + (plus) under **For x86 Systems**
 2. **64-bit** users should click the + (plus) under **For 64-bit Systems**
 3. **ARM** users should click the + (plus) under **For ARM processors**
4. Install one of the 3 installers for Citrix Receiver for Linux:
 1. **RPM** for RedHat, Fedora, CentOS, SUSE, Mageia
 2. **DEB** for Debian, Ubuntu, Mint
 3. **TAR.GZ** for manual installs
5. Install one of the 3 installers for USB Support Package:
 1. **PM** for RedHat, Fedora, CentOS, SUSE, Mageia
 2. **DEB** for Debian, Ubuntu, Mint

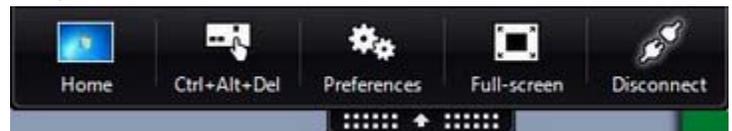
3. **TAR.GZ** for manual installs
6. Download the FFmpeg Source Package
 1. Extract the **Citrix_FFmpeg.tar.giz** file to a folder titled **Citrix_FFmpeg**
 2. In this **Citrix_FFmpeg** folder, extract **Citrix-FFmpeg-SRC.tar.gz** to a folder
 3. Open a Terminal window and go to the **Citrix-FFmpeg-SRC** directory and run the following command:
 - `./configure --extra-cflags=-Wstrict-prototypes --extra-cflags=-Wmissing-prototypes --extra-cflags=-Wformat --disable-bsfs --enable-bsf=h264_mp4toannexb --disable-static --enable-shared --enable-memalign-hack --disable-encoders --disable-decoders --enable-decoder=h264 --disable-devices --disable-filters --disable-protocols --disable-muxers --disable-demuxers --enable-demuxer=h264 --disable-parsers --enable-parser=h264 --disable-doc --disable-ffplay --disable-ffmpeg --disable-network --disable-ipv6 --disable-mpegaudio-hp --disable-swscale-alpha`
 4. Once the command completes, type **make** and then **make install**
 5. Lastly, run the following command in a Terminal window:
 - `sudo ln -s /usr/share/ca-certificates/mozilla/* /opt/Citrix/ICAClient/keystore/cacerts/`

Adding Favorite Applications

1. Once you are logged in, click the **Add Apps** button at the bottom of your window or the **+** (plus) sign on the left to add an application to your favorites
2. You can add applications in three ways:
 - Choose the application from the categorized list
 - Choose the application from the list of **All Apps**
 - Search for the application in the upper-right corner of your window
3. Once you click the name of the application you want to add to your favorites, a green check will appear next to the name and the application will appear on the main page

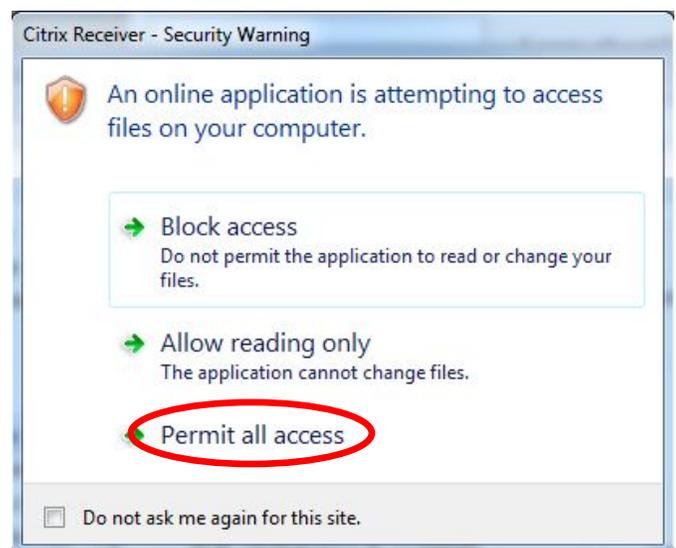
Using the Virtual SINC Site Desktop Interface

1. Some programs available on the Virtual SINC Site will not launch from your favorites page; you will need to open the full desktop interface
2. At the bottom of your screen, click **Desktops** to show the available desktop interfaces
3. Click **Virtual SINC Site Desktop** to open the Virtual SINC Site full desktop interface
4. Once the full desktop interface opens, you can open programs from the start menu
 - Applications will be categorized in the same way as mentioned above
5. The full desktop interface has a hidden toolbar at the top of your screen that has various functions
 - **Home** will minimize the window and allow you to access your personal computer
 - **Ctrl+Alt+Delete** can be used to log off, end your session or change your NetID password
 - **Preferences** is used to toggle features on and off
 - **Full-screen** allows you to maximize/minimize the full desktop interface
 - **Disconnect** will *not* log you off, it will temporarily suspend your session so you can switch computers



Saving Files in the Virtual SINC Site

1. At the start of your session, you may be prompted to allow (or deny) access to your computer; clicking **Permit all access** will allow you to save/upload files to/from your computer
2. Any documents you create in the Virtual SINC Site can be saved to your MySBFiles by going to **File > Save**
3. If you want to save your files on your computer, go to **File > Save As...** and select the destination for your file
 - You can save your files onto a flash drive by selecting it from the list of drives under **My Computer**



Ending Your Session

1. To end your session, close all applications running in the Virtual SINC Site
2. In the Virtual SINC Site portal page, click the drop-down arrow next to your name at the top of your window
 - a. For full desktop interface users, click the **Start Menu** and click **Log off**