Installing the Cisco AnyConnect YSU VPN Client
Mac OS X 10.6 or later

**Required Items:** Mac OS X 10.6 or later, Intel Mac, YSU directory account, Mac OS X account with administrator privileges

This guide will assist you with installing the YSU-provided Cisco AnyConnect Secure Mobility VPN Client to allow for remote connections to the YSU network from off-campus. The setup instructions will be set up in steps. Please be sure to complete all of the instructions in each step before moving on to the next. This guide relies on knowing which version of the Mac OS X operating system you have so it is important to follow the steps to determine the version of your operating system.

**Note:** For further reference, additional YSU Network Drive information is available on the Tech Desk website under “Self-Help Documents”.

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**Step 1: Determine your version of OS X**

Click on the **Apple logo** in the upper left corner of your screen and click on **About This Mac**. A window will appear with basic machine information that includes the software version.

If the Mac OS X version is **10.6** or greater and the processor description contains **Intel**, you can use these installation instructions on your Mac.
**Step 2**: Determine if you already have the Cisco AnyConnect Secure Mobility Client application installed.

The Cisco AnyConnect Secure Mobility Client may already be installed on your machine. It can be either searched for by name with Spotlight in the upper right corner of your Mac or located within Finder in /Applications/Cisco.

If the application is already installed, you can simply open the application and provide your YSU credentials to update it to the latest version. If it is not installed, move to **Step 3** for installation instructions.
Step 3: Authenticate with vpn.ysu.edu

In a web browser (Safari, Firefox, Chrome, Opera, etc.), go to the URL https://vpn.ysu.edu. In the YSU VPN Login box, enter your YSU directory username and password. The GROUP field can be left as-is.

Click Login to continue.
Step 4: Start the Cisco AnyConnect Secure Mobility Client web launcher

Click **Continue** to accept the YSU Acceptable Use of University Technology Resources Policy and start the Cisco AnyConnect Secure Mobility Client web launcher.

*Note:* The full Youngstown State University Acceptable Use of University Technology Resources Policy is available at [http://web.ysu.edu/gen/ysu_generated_bin/documents/basic_module/4009.01_2013.pdf](http://web.ysu.edu/gen/ysu_generated_bin/documents/basic_module/4009.01_2013.pdf)
Step 5: Install the Cisco AnyConnect Secure Mobility Client (Java auto-installer)

The Cisco AnyConnect Secure Mobility Client WebLaunch will attempt to use Java to install the necessary application. If Java is turned off or not enabled, the Java installer will fail and you will need to skip to Step 6 for manual installation. If Java is enabled and you see the dialog box to the right (A), follow the remaining instructions for this step and skip to Step 7 for instructions on reopening the application in the future if desired.

A. Click Run to run the idJavaSun Java application. The AnyConnect Downloader will then start.

B. Enter an administrator’s name and password (for your local machine) and click OK to run the client downloader and installer - if you are not an administrator on the machine, you will not be able to perform the installation.

C. When the installation finishes, the client will automatically connect. The connection can be re-established at any time by opening the Cisco AnyConnect Secure Mobility Client in the /Applications/Cisco directory and entering your YSU credentials.
**Step 6:** Install the Cisco AnyConnect Secure Mobility Client (Manual installation)

If the web-based Java installation was unsuccessful, you will need to perform a manual installation of the Cisco AnyConnect Secure Mobility Client.

To perform a manual installation, click the **Mac OS X 10.6+ (Intel)** link to save the setup disk image to your computer. Please note that some web browsers may ask you to save the .dmg file or even open it for you. If you receive a prompt after clicking on the download link, you can either save it and then open it or open it automatically.

When it is finished downloading, it may need to be opened if it was not already opened. Double click on **anyconnect-macosx-VERSION-web-deploy-k9.dmg** to open the disk image.

Double click on **vpn.pkg** to start the Cisco AnyConnect Secure Mobility Client installer.
Step 6 (Continued): Install the Cisco AnyConnect Secure Mobility Client (Manual installation)

Click the circled buttons on the following screens to move through the Cisco AnyConnect Secure Mobility Client installation.
Step 6 (Continued): Install the Cisco AnyConnect Secure Mobility Client (Manual installation)

Click the circled buttons on the following screens to move through the Cisco AnyConnect Secure Mobility Client installation.

Enter an administrator’s name and password (for your local machine) and click Install Software to run the client downloader and installer - if you are not an administrator on the machine, you will not be able to perform the installation.

At this point, the Cisco AnyConnect Secure Mobility Client installation is complete. You may continue with Step 7 and Step 8 for instructions to establish a VPN connection.
Step 7: Open the application

To establish the required VPN connection, open the Cisco AnyConnect Secure Mobility Client installation. It can be either searched for by name with Spotlight in the upper right corner of your Mac or opened from the Finder in /Applications/Cisco.

When the application is open, there will be an icon for it in the menu bar. The drop-down menu that appears when the icon is clicked on can be used for connecting, disconnecting, and quitting the application.
Step 8: Establish the VPN connection

Once the application is open, connect to the YSU VPN by doing the following:

Type `vpn.ysu.edu` in the text field and click Connect.

Enter the following into the fields that appear after clicking Select:

**Username**: Your YSU directory account name

**Password**: Your YSU directory account password

Click OK.

Click Accept to accept the YSU Acceptable Use of University Technology Resources Policy and start the VPN connection.

Once the connection is established, the icon in the menu bar will have a lock next to it as seen below.