Remote Access - Mac OS X

Sections:

Security Precautions to Consider When Connecting Remotely

1. Check for Operating System updates
2. Install Sophos antivirus
3. Check for updates
4. Run a full system scan

How do I connect to my Mac computer remotely?

1. Scenarios
2. Set up Screen Sharing to connect remotely (both systems must be Mac OS X 10.5.x) on your work computer
3. Connect to the UAB network via Virtual Private Network (VPN) on your remote (home) computer
4. Connect to your work computer remotely from another OS X 10.5.x computer

* Click on a section title above to skip to it.

Overview

These instructions provide the steps for UAB faculty and staff to access their Mac OS X 10.5.x computers remotely (screen sharing) from their Mac OS X 10.5.x computers at home. It is recommended that users install and run the Cisco Virtual Private Network (VPN) Client before establishing a remote connection, and that additional security measures are taken (see page 2) to protect UAB data. Users may need to contact AskIT at 205-996-5555 or their system administrator for additional settings or prerequisites necessary to connect remotely. In addition to the documentation provided for OS X 10.5.x computers, you will also find information regarding other possible scenarios on page 3.
Security Precautions to Consider When Connecting Remotely

Please make sure that the remote computer you are connecting from is secure before using it to access UAB data.

1. Check for Operating System updates
   a. Click the Apple button in the menu bar and choose “Software Update.” Click “Express” to check for available updates.
   b. Install any updates needed until the software update indicates that “Your software is up to date.”

2. Install Antivirus

Please Note: There is a known incompatibility with Sophos and FileVault on Mac OS X 10.5.x. If you are using FileVault please do not install Sophos Antivirus at this time.

Antivirus software protects your computer from malicious files and exploits. The effectiveness of the antivirus software’s ability to detect malicious files is based on the definitions files that are updated several times a day by the manufacturer. Therefore, it is important that the antivirus software is updated regularly to detect the latest threats.

Please follow these steps to install Sophos antivirus for Mac:
   a. Visit the UAB IT Software Library at www.uab.edu/it/software
   b. Navigate to the software available and select Sophos Antivirus. You will be prompted for your BlazerID and strong password.
c. Click to select “Save File,” then click “OK.”

d. Double click on “Sophos AV.dmg” so that it mounts in Finder.

e. Double-click on “Sophos_4.9.18.”

f. Double-click on “UAB Install.rtf” and refer to the sections titled “Installing Sophos” and “Configure Automatic Updates” for the setup instructions (or you can follow the steps in this document which include the screenshots, but you will need the username and password provided in “UAB Install.rtf” to configure automatic updates).
g. Double-click on “Sophos Anti-Virus.mpkg”

![Image of Sophos Anti-Virus installation]

h. Click “Continue.”

![Image showing package confirmation dialog]

This package contains a program that determines if the software can be installed. Are you sure you want to continue?

If you’re not sure about the source of this package, click Cancel to prevent it from running the program and installing the software.
i. Click “Continue.”

j. Click “Continue.”
k. Click “Install.”

![Image of installation process]

l. You may be prompted for your system username and password (this may not be the same as your BlazerID and strong password).

![Image of password prompt]

---

Contact AskIT • 205-996-5555 • askit@uab.edu • www.uab.edu/askit
m. Once the installation has finished, right-click on the Sophos icon (it looks like a silver shield) and select “Open Preferences...” (note that “Update Now” is grayed out).

n. Click on the “AutoUpdate” tab, then click on the blue lock icon to make changes (you may be prompted for your system password again). Make sure that “Sophos” is selected, then enter the username and password provided in the “Configure Automatic Updates” section of “UAB Install.rtf.”

o. Click “Set” and enter your system username and password again, if prompted. Close the window.

3. Check for Updates
   a. Right-click on the Sophos icon (it looks like a silver shield) and select “Update Now.”
   b. A status bar will display the progress of downloading and installing the updates, then you will see a message indicating that “Sophos Anti-Virus has been updated.”
4. Run a system scan
   a. Right-click on the Sophos icon (it looks like a silver shield) and select “Open Sophos Anti-Virus…”
   b. Select the drive you need to scan and click on the green arrow to run a scan.

   ![ Sophos Anti-Virus interface 

   c. The results of the scan should be documented and any malicious files quarantined or noted by the scan should be removed.
How do I connect to my computer remotely?

There are several possible scenarios for remote connections involving Macs:

1. Remotely accessing a Mac OS X 10.5.x from another 10.5.x: see the instructions beginning on page 9 for these steps.
2. To access a Mac from a Windows XP PC, Windows Vista PC, or Mac OS X 10.4.x (or earlier): You will need to download and install a Virtual Network Computing (VNC) application. There are several open source options depending on your needs. For additional assistance, please contact AskIT at 205-996-5555.
3. To access a Windows XP or Vista PC or Windows-based files and services from your Mac: Visit [http://www.microsoft.com/mac/products/remote-desktop/default.mspx](http://www.microsoft.com/mac/products/remote-desktop/default.mspx) to download Remote Desktop Connection Client for Mac 2. For additional assistance, please contact AskIT at 205-996-5555.
Set up Screen Sharing to connect remotely (both systems must be Mac OS X 10.5.x)

1. Click on the Apple icon, select “System Preferences” and open “Sharing” (circled in yellow below).
2. You may need to click on the lock icon in the lower left corner and enter your system username and password, if prompted, to make changes.

3. Click to check the box next to “Screen Sharing” to enable it. You may want to “click the lock to prevent further changes.”

Note: You will need to memorize or store the IP address shown on this screen (in the phrase “...at vnc://xxx.xxx.xxx.xxx”) in order to connect to this computer remotely.

4. Click the red button in the upper left corner to close this window.

5. Please follow the VPN setup instructions before proceeding to the steps on page x to connect to this computer remotely from another OS X 10.5.x computer.
Connect to the UAB network via Virtual Private Network (VPN) on your remote (home) computer

1. Visit the VPN client download page at [www.uab.edu/vpn](http://www.uab.edu/vpn) and click on the hyperlink to “Click here to download the LINUX or MACINTOSH client and enter your BlazerID and password when prompted.” Enter your BlazerID and strong password in the “User Name” and “Password” fields.

![Authentication Required](image)

2. Click “OK” to open with DiskImageMounter.app.

![Opening vpnclient-darwin-4.9.01.0080-universal-k9.dmg](image)

3. Once it has downloaded, double-click on the “CiscoVPNClient” icon on your desktop.
4. Double-click on “Cisco VPN Client.mpkg.”

![Cisco VPN Client.mpkg]

5. Click “Continue.”

![Continue]

This package contains a program that determines if the software can be installed. Are you sure you want to continue?

If you’re not sure about the source of this package, click Cancel to prevent it from running the program and installing the software.

Cancel  Continue
6. Click “Continue.”

7. Click “Continue.”
8. Click “Agree.”

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

Read License  Disagree  Agree

9. Click “Install.”

10. Enter your system username and password.
11. You will receive a message indicating that “Install Succeeded.” Close the window.

12. Open “Applications” from your HD and double-click on the “Cisco VPNClient” icon.
13. Select “UAB VPN” and click “Connect.”

14. Enter your BlazerID and strong password, then click “OK.”

15. You will receive a message indicating that you are connected to UAB VPN. Click “OK.”

16. Click “Disconnect” in the VPN Client window when you are ready to disconnect.
Connect to your work computer remotely from another OS X 10.5.x computer

1. From your Menu bar, click “Go” and select “Connect to Server.” Enter the IP address of your work computer in the following format: vnc://xxx.xxx.xxx.xxx (see page 11 for illustration on how to locate this address).

2. Click “Connect.”
3. Enter the system user name and password you use to log into your Mac OS X 10.5.x computer at work.

4. When you are ready to disconnect, click the red icon in the upper left corner of window displaying your work computer’s screen.