How to Connect to YaleSecure (Yale’s secure wireless network)

Below are instructions for Mac OS X, Windows XP, Windows Vista, and Windows 7.

How to Connect to Yale’s Encrypted Wireless Network (only possible once you step foot onto Yale’s campus):

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Mac OS X:

1. In the top right-hand corner of the screen, select the wireless network “YaleSecure” from the list available. If you do not see this network on the list of available networks, then you will need to come see me in person.
2. You will see a box that asks you to type in your NetID and password. Go ahead and type these in. Also make sure that the checkbox for “Remember this network” is checked. Click “OK.”

3. After you hit, “OK,” you will see a box asking you to verify a certificate to logon. You will need to press “Continue” to accept this security certificate. Note: You may be asked to repeat this step every time your computer reconnects to YaleSecure, such as after a reboot or waking up out of standby. If you continually get this prompt to verify the certificate, we may be able to help you during our posted office hours.

4. You should now be able to access Yale’s secure network and all the resources available via Yale’s network.
Note: The following steps for Windows connections only work for those who are using the wireless program built into Windows and will not necessarily work for those who are trying to access the network using third-party software, such as the Dell Wireless Assistant. If you use such software, you will either need to come see me or will need to uninstall it and use the instructions below to connect to YaleSecure. Also, if this does not work, come see me during my connection hours during BTFO. If you miss BTFO, please come see me during office hours at the IT office. If you are present during BTFO, please see me then.

**Windows XP (only):**

1. Double click the wireless icon in the bottom right-hand corner of your screen, located in the area known as the “system tray.”

2. Click on “View Wireless Networks.”
3. From the list of networks available, choose, “YaleSecure.”

4. You will then see the computer attempt to try to connect to YaleSecure. Wait about 30 seconds, then press “Cancel” and close any network connection windows you had previously opened.

5. Now, right-click on the wireless icon in the system tray and choose “View Available Wireless Networks.”
6. You will then see the list of wireless networks again. On the left you should also see a link to “Change the order of preferred networks,” under the section entitled “Related Tasks.” In the screenshot below, the mouse is hovering over that link. Click that link.

7. You should see YaleSecure in the list of preferred networks. Highlight YaleSecure and click “Properties.” Note: If the check box next to “Use Windows to configure my wireless network settings” is unchecked, this means that you use third-party software to connect to wireless networks. You will need to come see me during BTFO or schedule an appointment with the IT office in L110 once the semester starts.
8. On this screen of options, change the “Network Authentication” field to “WPA” and the “Data Encryption” field to “AES.”
9. Click on the “Authentication” tab at the top and change the “EAP type” to “Protected EAP (PEAP).” Before clicking “Properties,” make sure that the check boxes on your screen match the ones checked/unchecked in the screenshot below. Now click “Properties.”
10. Make sure that the check box “Validate server certificate” is checked, as in the screenshot below, and make sure that the selection “Secured password (EAP-MSCHAP v2)” is chosen in the “Select Authentication Method” field. The other check boxes should be unchecked. Once you have verified or adjusted these settings appropriately, click “Configure.”
11. Uncheck the box that says, “Automatically use my Windows logon name and password (and domain if any).” Click OK.
12. Keep clicking OK until all network windows have closed. See the series of screenshots below.
13. After a few seconds, you should see a little pop up balloon in the bottom right-hand corner of your screen. This balloon will say, “Click here to select a certificate or other credentials for connection to the network YaleSecure.” Click on this balloon to open up a login box.

14. In the UserName field, type your NetID; and type your NetID’s password in the password field. In the “Logon domain” field, type “YALE.” Click OK.
15. You should now see another little popup balloon that says, “Click here to process your logon information for the network YaleSecure.”

16. A balloon similar to the one below should appear. If you really want to read the Yale site network access certificate and its terms of usage, you now have the opportunity to do so. If you just want to get connected to the network/Internet, click OK.
17. You should now be connected to YaleSecure. If you hover over the connection in the bottom right-hand corner of the screen, it should look something like what you see below, except with a mouse pointer present over the symbol of the wireless computer. The pointer got removed from this screenshot.
Windows Vista (only):

1. In the bottom right-hand corner of your screen near the clock, find the icon of two computer terminals. This icon may already have an image of a globe on top of these terminals, which means that you are connected to the Internet. It may also have a red X over it, which means that you are not currently connected to a network. Click this icon to see something like the following screenshot below. Your computer may say something like “wireless networks are available” instead of “Currently connected to…”

2. On this menu, click the link that says “Connect or disconnect…” as is seen in the screenshot below.
3. Click on the network entitled “YaleSecure” and click the “Connect” button, as is shown in the screenshots below.
4. As it attempts to connect to the network, it should generate the following screen below, which says, “Additional log on information is required to connect to this network.” You will have the option of connecting to a different network or “Enter/select additional log on information.” Choose to select the additional log on information as is
5. A login screen should appear. In the “User name” and “Password” fields, enter your NetID and password. In the “Logon domain” field enter “YALE”.
6. You should then see another screen asking you to enter additional log on information. Click the link that says “Enter/select additional log on information.”

![Additional log on information is required to connect to this network.](image)

7. You should see a window entitled “Validate Server Certificate.” It will have text telling you about the certificate and ask you if you want to accept it. Click “OK” to accept the certificate to gain access to the encrypted Yale network.

![Validate Server Certificate](image)

8. It should then connect to YaleSecure and ask you whether you want to save this network and connect automatically. Make sure that both check boxes (“Save this network” and “Start this connection automatically”)
are checked. Then click “Close.”
9. Choose “Public Location” from the list of types of networks.
10. Click “Close” to complete the connection.

![Successfully set network settings](image1)

11. Down in the right-hand corner of your screen, you should now see a set of computer terminals with a globe over top of them. If you hover over this icon with your mouse, you should get a context menu popup stating that you are currently connected to YaleSecure.

   a. Make sure that the access is listed as “Local and Internet.” If it says “Local only,” try to open a web page. If the page fails to load, you will need to come see me.

![YaleSecure](image2)
**Windows 7 (only):**

1. In the bottom right-hand corner of the screen near the clock, you will see an icon that looks like a set of stairs (or a frequency/volume diagram, depending on how you look at it).

2. Click on this icon and click “YaleSecure” from the list.
3. Once you have clicked it, you should see the option to click “Connect.” Make sure that the check box “Connect automatically” is chosen.

4. You may momentarily see a screen that says that additional logon information is required. If you see this, click, “Enter/select additional logon information.” The next screen will be a login box asking you to enter
your NetID and password. Enter these here and press “OK.”

5. SPECIAL NOTE! You will now receive a box that says, “The connection attempt could not be completed.” You will have the option to “Terminate” or “Connect.” Choose “Connect.” This is a box explaining that Windows did not recognize Yale’s certificate as valid. Other versions of Windows do not seem to have this issue.
6. You may have to choose whether the location is “Home,” “Work,” or “Public.” If you get this option, choose “Public” for better security.

7. You should now be connected to YaleSecure. To check the connection, click on those stairs (frequency/volume measurer) down in the bottom right-hand corner of the screen. You should see that it is connected to YaleSecure.