802.1x wired configuration

What?

In the instance that your computer does not automatically prompt you for your credentials when you plug into the Ethernet port, below are instructions on how to configure your Windows Machine or Mac OS X. Due to the different operating systems, some verbiage may be different.

Section 1.1 Windows

1. Navigate to your Windows icon at the bottom left of your screen and search for “Network Connections.” The search results will return “View network connections.” Select it.
2. Find your Ethernet connection, usually referred to as “Local Area Connection.”
3. Right-click on it and select “Properties.”

![Image of Network Connections properties]

4. If the Properties window that pops up has a tab called Authentication, please skip to step 8.
5. If the Properties window that pops up does not have a tab called Authentication, please run a search for “services.” Select the result with “Services” and a gear icon.

![Image of Services]

6. Click on the “Services” tab and then click “Stop” on the services that are currently running.
7. Restart your computer and try connecting again.
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Section 1.1 Windows

6. In the Services window, scroll down until you see the name “Wired AutoConfig.” Right-click on it and select Start.

![Service Config](image)

7. Close out the Services window and go back to your “Local Area Connection Properties” window and click Cancel. Right-click again and select Properties on your Ethernet connection. You should now have a tab labeled “Authentication.”

8. Select the Authentication tab and make sure that your settings match the settings below.

9. Select the “Settings” button and make sure that your settings match the settings below.

![Authentication Settings](image)
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Section 1.1 Windows

10. Select the configure button and make sure that the checkmark for "Automatically use my Windows logon name and password (and domain if any)." is unchecked.

10. Click OK twice to return to the "Local Area Connection Properties" window, and select “Additional Settings….”

11. Under the “Specify authentication mode” select “User authentication.”

10. Click OK twice and disconnect/reconnect your Ethernet cable. You should now be prompted for a logon screen to enter your CaneID and Password.
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Section 2.1 MAC OS X

1. Navigate to your Systems Preferences through the Apple icon.

2. Select Network and select Ethernet 1 or Thunderbolt.
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Section 2.1 MAC OS X

3. Select Advanced, located in the lower right corner.

4. Navigate to the 802.1x tab and make sure that “Enable automatic connection” is selected.