

# Wired Network Authentication Configuring 802.1x for Windows Vista

12/11/2009

Connect to the HWS wired network, follow the steps below:

Note: To only have Internet access, no configuration is required, just plug in a network cable. These steps are for accessing HWS network resources on campus.

Note: During this process Windows will ask you to confirm certain actions. To allow them, click Continue each time.

1. If you have the Cisco Clean Access Agent installed on your computer, uninstall it from the **Start Menu > Control Panel > Uninstall a Program**
2. Connect to the Internet and download and install the latest updates for Windows by running Windows Update from **Start > All Programs > Windows Update**.

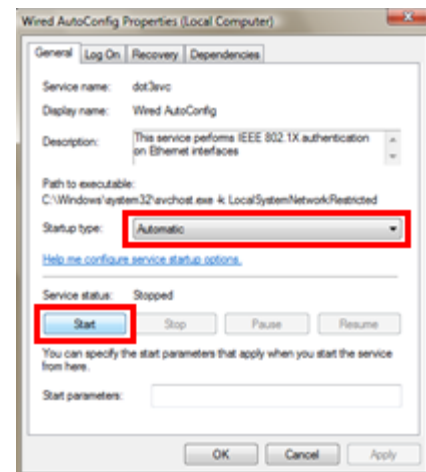


Note: You may need to install multiple rounds of updates.

3. Click **Start > Control Panel**
4. On the left, make sure **Classic View** is selected
5. Double-click on **Administrative Tools**
6. Double-click on **Services**
7. Scroll down to Wired **AutoConfig** and **double-click it**

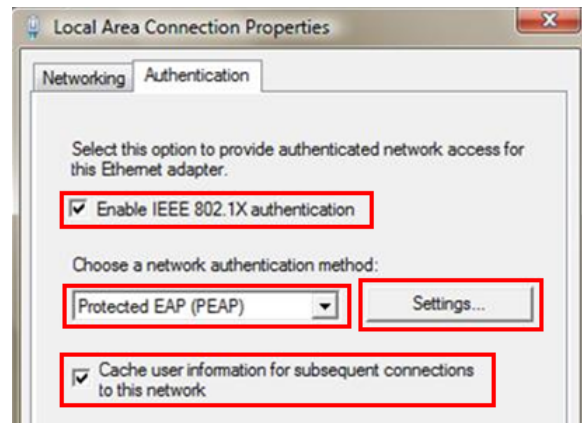


- Next to Startup type select **Automatic**
- Under Service Status click on **Start**  
Note: If you are able to click Stop, Pause, or Restart, then the service is already started and you can proceed without clicking anything
- Click **OK**

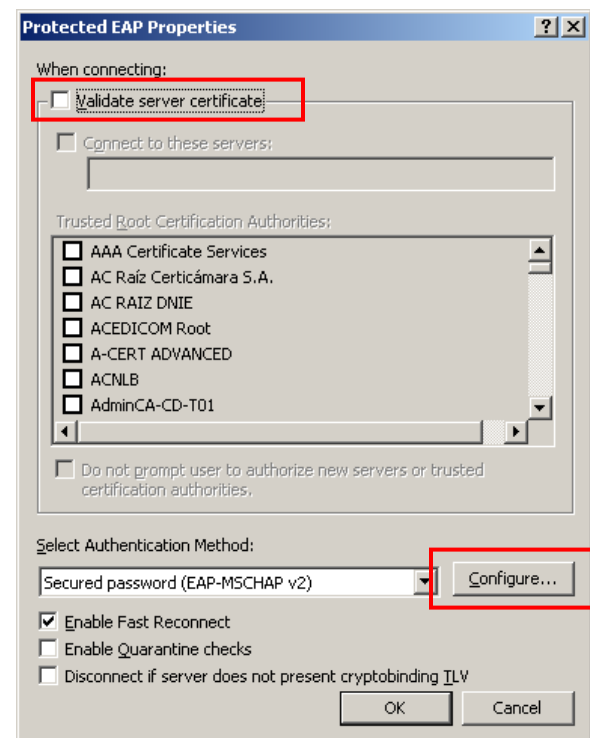


8. **Close** out of all the windows you opened
9. Select **Start**, type **Network** in the search bar, and click on **Network and Sharing Center**
10. On the left-hand side select **Manage network connections**
11. Right-click **Local Area Connection** and select **Properties**

12. Select the Authentication tab
- Make sure **Enable IEEE 802.1x authentication** is checked
  - Under Choose an authentication method, make sure **Protected EAP (PEAP)** is selected
  - Check **Cache user information** for subsequent connections to this network
  - Click **Settings**

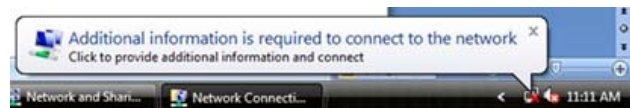


13. In the Protected EAP Properties Window
- Uncheck **Validate Server Certificate**
  - Under Select Authentication Method choose **Secured Password (EAP- MSCHAP v2)**
  - Uncheck **Enable fast reconnect**
  - Click **Configure**
  - Uncheck **Automatically use my Windows logon name and password (if any)**
  - Click **OK**



14. Click **OK two more times** and **close** the remaining Windows

15. A box will pop-up in the lower right portion of your screen requesting additional information, **click on it**



Note: It may take a minute or so for this box to appear.

16. In the window that appears type in your **HWS username and password** and click **OK**



17. You should now be able to use the HWS secure wired network (if not, try restarting the computer)

If you have any trouble with the above process, please contact the Help Desk in the Library Learning Commons or 315-781-4357 (ext. 4357/HELP on campus) or [helpdesk@hws.edu](mailto:helpdesk@hws.edu).