Configure Microsoft Windows 10 for 802.1x

The preferred method is to configure your computer for dot1x connectivity [i.e. wired Ethernet connection]. Do not check the box for validate server certificate. This provides the most secure connection and is based on netID credentials. Step-by-step guide.

Connecting to Ethernet

In order for your Ethernet based device to operate on UA Little Rock’s wired network, you must either configure your Ethernet adapter for dot1x connectivity (PC’s and devices with web browsers) or pre-register your device (Game consoles, SmartTV’s, any device WITHOUT a web browser).

PLEASE NOTE: In instances where students perform both options 1 and 2 for a single device, they are unable to connect to the internet. If you have performed both options and are unable to connect to the internet, log into https://access.ualr.edu and de-register the MAC address of your computer’s Ethernet adapter.

Option 1: How to configure your computer for wired dot1x capability

Enable Wired AutoConfig on your Computer

1. Click the Start button and type services into the search box then click the Services option.
2. In the services window scroll down to the service named Wired AutoConfig.
3. Right click on this service and click on properties.
4. Select the Startup Type **Automatic**, then click **Start**, **Apply**, and **OK** (in that order). You will be returned to your desktop.

![Wired AutoConfig Properties](image)

5. Reboot your computer for the changes to take effect.

**Configure the Local LAN connection for 802.1X authentication**

1. Right click on your network adapter and select **Open Network and Sharing Center**.

![Network and Sharing Center](image)
2. Click **Change Adapter Settings**

3. Right-click the **Ethernet** icon and choose **Properties**. The **Ethernet Properties** dialog box opens.
4. Click the **Authentication** tab and choose the **settings** button. From the Trusted Root Certification Authorities window, check the boxes next to the two Go Daddy certificates. Be sure the box is checked next to "Verify the server’s identity by validating the certificate".

5. The **Protected EAP Properties** dialog box opens. From the Trusted Root Certification Authorities window, check the boxes next to the two Go Daddy certificates. Be sure the box is checked next to "Verify the server’s identity by validating the certificate".

6. Click **Configure** and make sure that the Automatically use my Windows logon name and password (and domain if any) checkbox is UNCHECKED.
6. Click OK.

7. Click Additional Settings.
8. Make sure the Specify Authentication mode box is checked. From the drop-down box directly beneath, choose User authentication. Click OK.

Click OK again and close the Network Connection window and the Sharing Center window.

Option 2: Pre-registering your wired computer

An alternate method is to pre-register your wired device. This method uses your device's mac address for authentication and is somewhat less secure.

Pre-Registering a device for wire public ports.

- Remove or forget a wireless network on my device
- Wireless Network
- Registering a smart device or appliance on the network
- How to use ITS Created Guest Accounts to join UALR-Guest
- Configure Google Pixel Phone (or Other) to join UALR-WiFi