IT Services

How to configure wired 802.1X for Windows

Introduction
Habilitation of USI authentication on USI Network for Windows PC.

Minimum requirements
- Windows PC

Instruction
1. Click down on the search bar at the bottom left of the screen and type in “Services”. Select the Services application that pops up.
2. Scroll down the list and find "Wired AutoConfig". Double click Wired AutoConfig.

3. Make sure, in the box that pops up, the **Startup Type** is set to **Automatic**. If service status is not Running push **Start** option. Click Apply if you made any changes and then click **OK**.
4. At the bottom right corner of the screen click the Internet connection icon.

5. In the box that pops up on the right, click **Network & Internet Settings**.

6. In the Settings screen click on **Change Adapter Options**.
7. In the window that pops up right-click on "Ethernet" or "Local Area Connection" and then click **Properties**.

8. At the top of the Ethernet Properties, box click on the **Authentication** tab.
9. Make sure that "Enable IEEE 802.1x authentication" has a check mark next to it.

10. Click Additional Settings.
11. In the Additional Settings screen make sure that "Specify Authentication Mode" is checked. From the drop down right below that select "User or computer authentication". Then click Save credentials. Type in your username and password and then click save. Click Ok on each of the windows that you opened until they are all closed out.

12. In the Additional Settings click Settings.
13. **Configure** the authentication method.

![Protected EAP Properties](image)

14. Verify “*Automatically use my Windows logon name and password*”...

- **FLAG** if you have a PC registered in USI domain and you are logged in your PC with your USI username.

- **NO FLAG / REMOVE FLAG** if you have a PC registered in USI domain and you are logged in your PC with local user (it will appear a popup to insert your username@usi.ch)

- **NO FLAG / REMOVE FLAG** if private laptop or PC not in USI domain (it will appear a popup to insert your username@usi.ch).

![EAP MSCHAPv2 Properties](image)

15. You may need to unplug and plug your Ethernet cable and possibly restart your computer in order for the network to connect. Now you are connected to the right network for you and your work.