# 802.1x Windows 7

If this is the first time that the computer is connected via 802.1x authentication must enable the service.

Enabling the service

- Click the Start button in the Search box, type **services.msc** and then press ENTER.
- On the Services tab that opens, look for the service named **Wired AutoConfig** right-click and select **Properties**.
- Change the item **Startup type** from *Manual* to **Automatic**.
- If the service status is *Stopped*, click on the **Start** button.
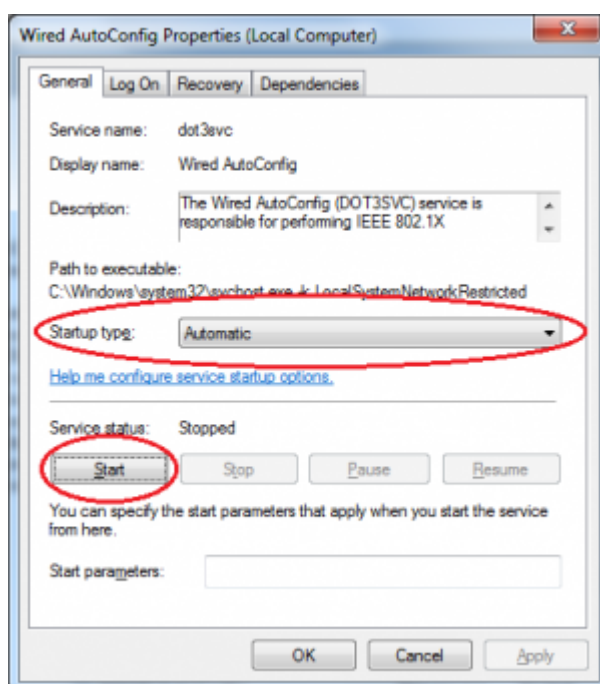
Settings Supplicant 802.1x

- Open the settings for the network adapter: DX-click on the icon of the LAN connection (lower right) then select *Open Network and Sharing Center*, click on *Change adapter setting*.
- DX-click on the connection for which you want to enable 802.1x authentication then select **Properties**.
- Click on tab **Authentication** and then select the check boxes *Enable IEEE 802.1X authentication*, *Remember my credentials…* and *Fallback to unauthorized…*.
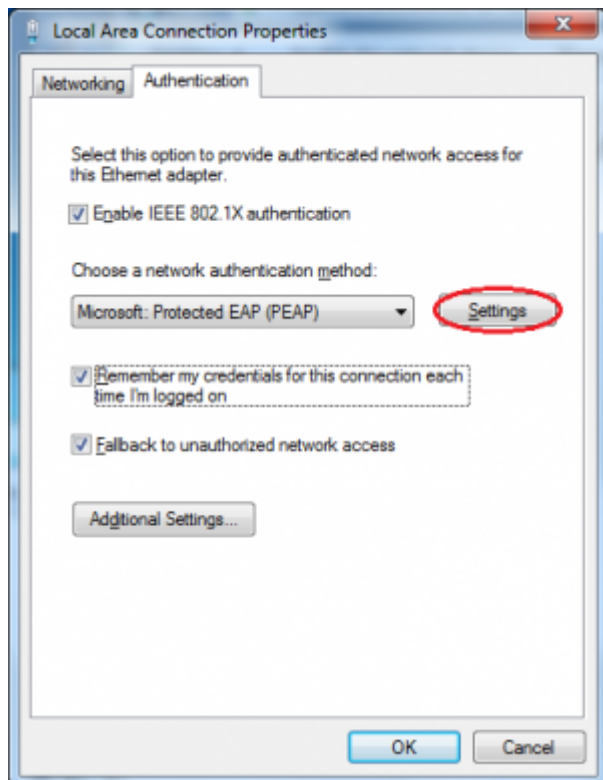
- Click on the button **Settings** and on the Protected EAP Properties window that appears check that:
- is checked *Validate server certificate* choosing from the *Trusted Root Certification Authorities* the voice *AddTrust External CA Root*,
- the authentication method selected is *Secured password (EAP-MSCHAP v2)*
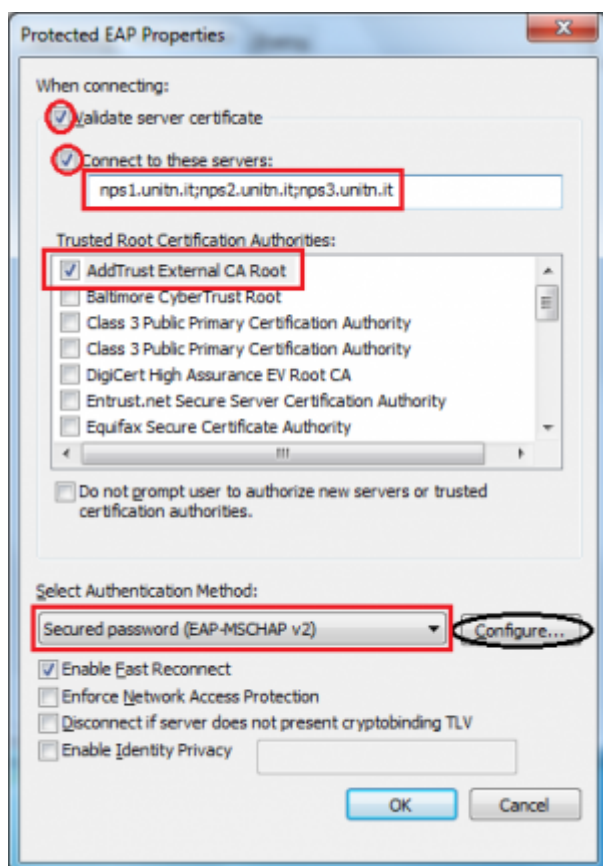
The following configuration is required only for PC **NOT in the unitn domain** (for PC in the unitn domain skip this step)

- Click the Configure button, then from the Properties window that appears EAP MASCHAPv2 **de**select the item *Automatically use....* as shown below:
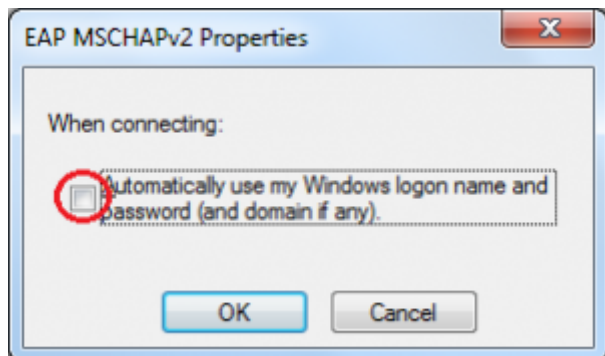
- After connecting the network cable when prompted, enter your unitn credentials
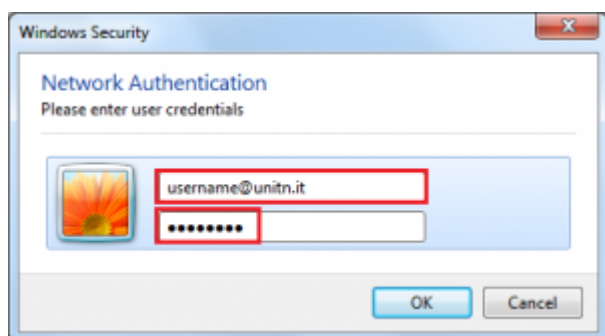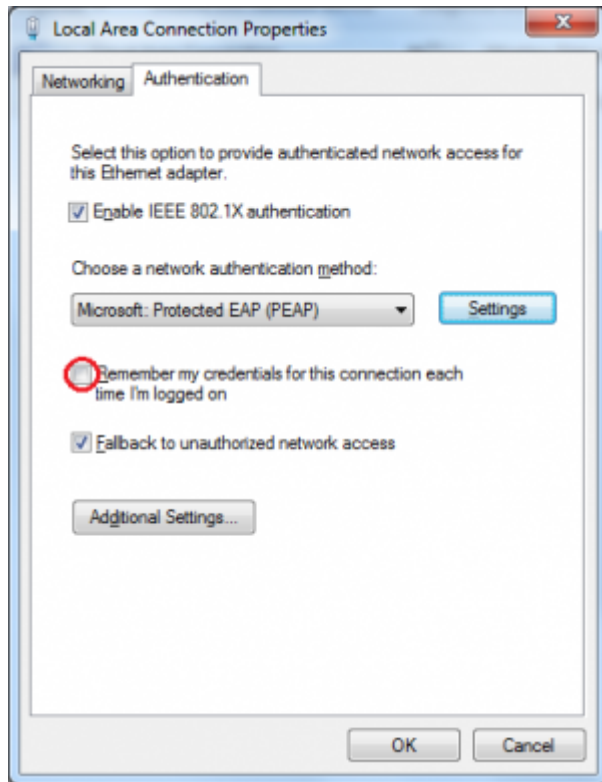

In the event that the credentials are not recognized you will be automatically redirected to a Captive Portal authentication.

Problems

Force the reauthentication:

- Unselect *Remember my credentials...* then deactivate/activate the network card:

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