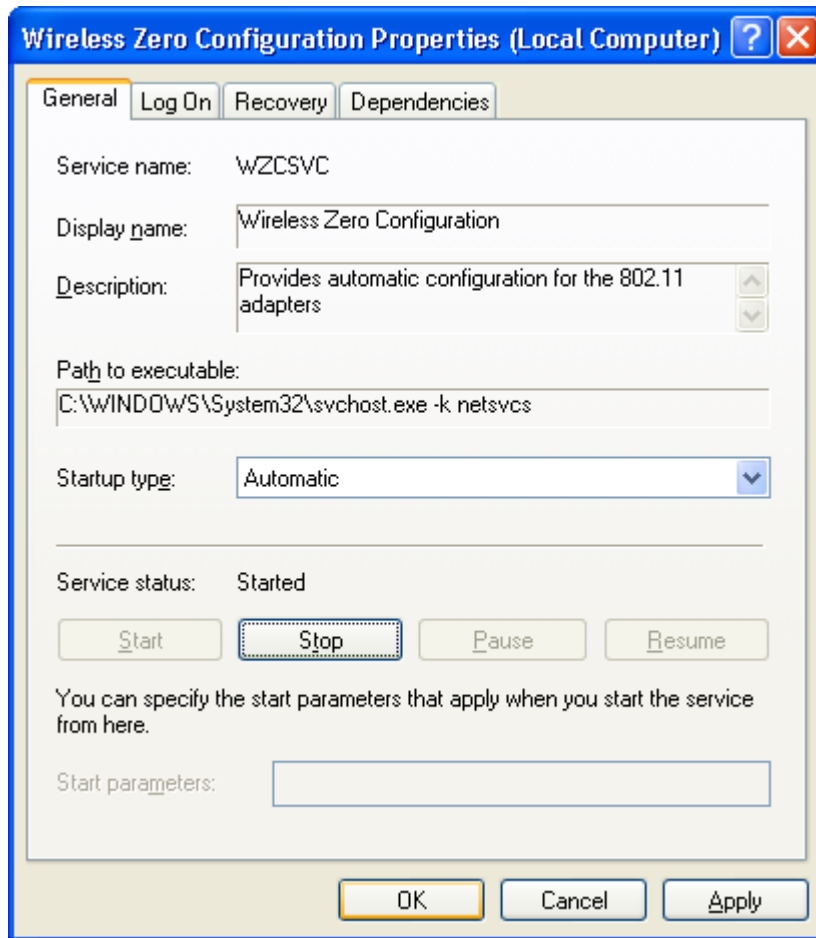


802.1X (wired) in Windows XP SP2

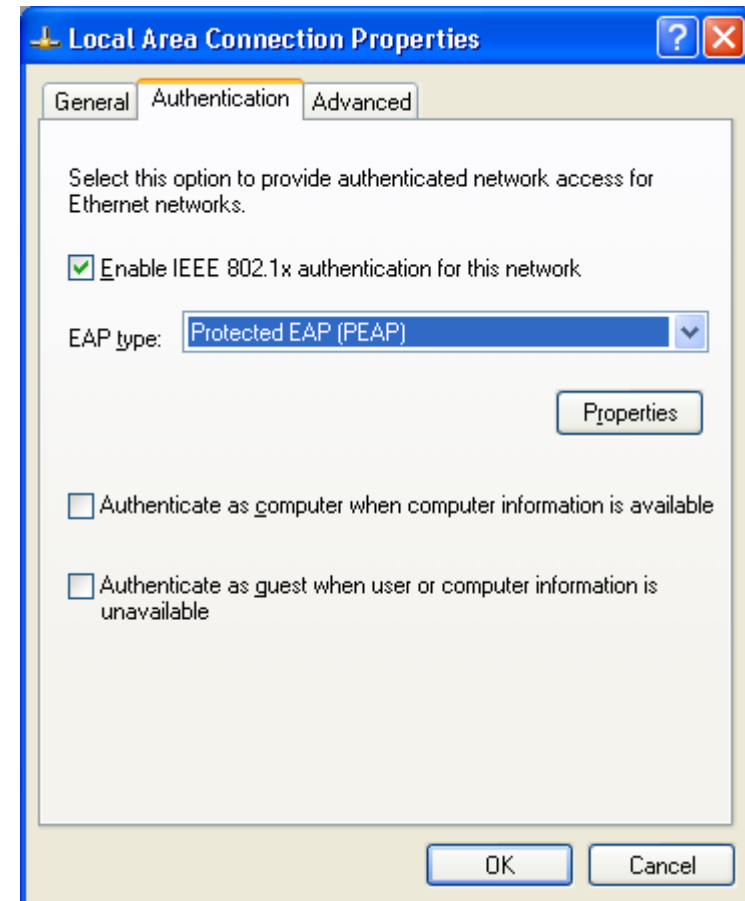
Sadly, this is somewhat painful.. but it does work without you needing to install any extra software.

First, you need ensure the “Wireless Zero Configuration” service is started, **even for wired networks**, if you wish to enable 802.1X. You'll find it in “Control Panel” → “Administrative Tools” → “Services” on Windows XP SP2.

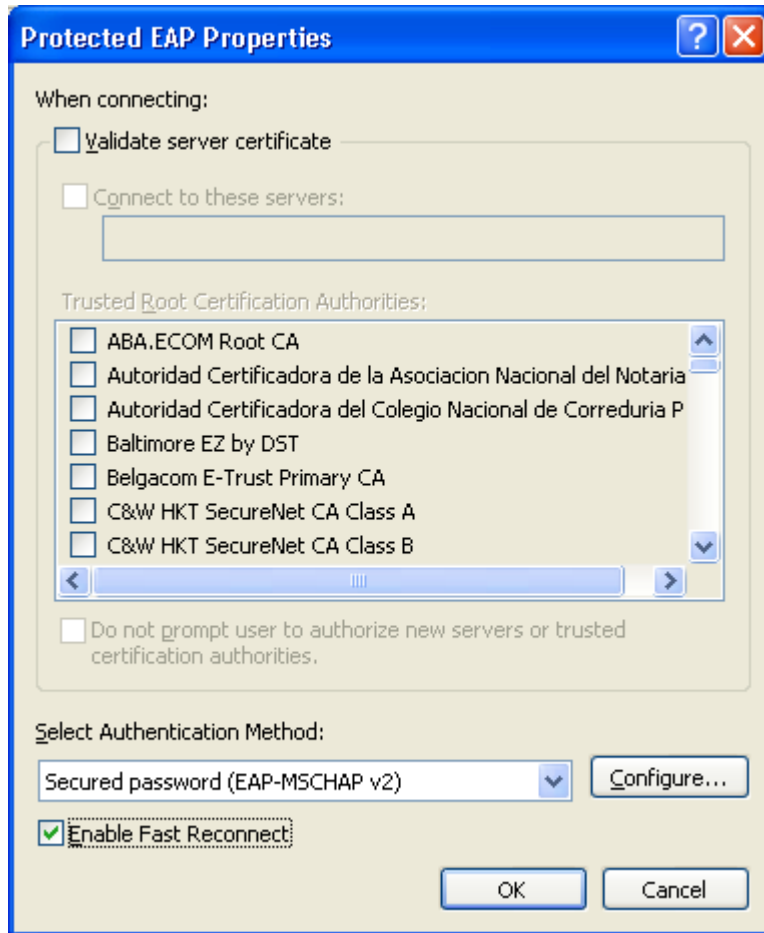


Now you'll be able to configure your interface using the “Authentication” tab which appears in its “Properties” box.

Make sure it looks exactly like this. Windows will work with 802.1X using PEAP and MS-CHAPv2 using your DCS username and password. You don't want to authenticate as a computer or a guest.



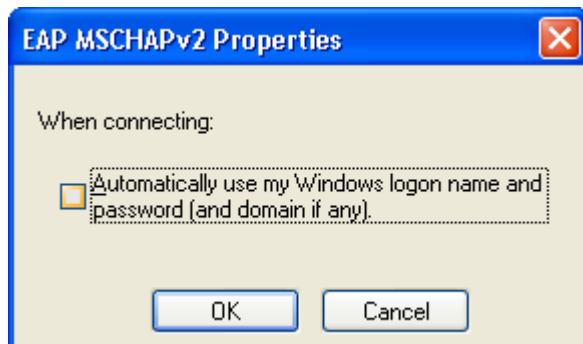
Now click “Properties” to configure PEAP. Sadly, “Validate server certificate” does not work, even after installing our Certificate Authority and selecting it as the only one to trust. At least with MS-CHAPv2 you won't be offering your DCS password over the wire to somebody you don't trust.



A few clicks of “OK” later, you should be finally ready to authenticate to the network. Plug in the cable, and a balloon should pop up over your systray asking you for a certificate or other credentials. Click on that and then enter your DCS username and password, and leave the domain box blank.



Again, make sure it's like this. Then click “Configure...” and tell it not to use your Windows credentials.



If you append “@dcs.qmul.ac.uk” to your username, then you'll be able to connect from other academic institutions in the UK which offer the JANET Roaming Service (or “eduroam” abroad). It will still work from the DCS wired laptop network, which itself is part of JRS.