## How to configure wired 802.1X for Mac OSX 10.6.3

Step 1. Open System Preferences.



Step 2. Open Network under Network & Wireless

|  | Location:   | Automatic   |  | •   |
|--|---|---|--|---|
| <ul> <li>Ethernet<br/>Not Connected</li> <li>FireWire<br/>Not Connected</li> <li>AirPort<br/>On</li> </ul> | <ul> <li></li> <li><td>Status:<br/>Configure IPv4:<br/>IP Address:<br/>Subnet Mask:<br/>Router:<br/>DNS Server:</td><td>Cable Unplugged<br/>Either the cable for E<br/>in or the device at th<br/>responding.<br/>Using DHCP</td><td>i<br/>thernet is not plugged<br/>e other end is not</td></li></ul> | Status:<br>Configure IPv4:<br>IP Address:<br>Subnet Mask:<br>Router:<br>DNS Server: | Cable Unplugged<br>Either the cable for E<br>in or the device at th<br>responding.<br>Using DHCP | i<br>thernet is not plugged<br>e other end is not |
|  |   | Search Domains:<br>802.1X:  | Untitled   | Disconnect  |
| + - 0.   | _   |   |  | Advanced)   |

**Step 3**. Click on **Advanced** and we get to TCP/IP settings. Make sure the option **Configure IPv4** is set to **Using DHCP**:

| Configure IPv4: | Using DHCP    |                 |                  |
|-----------------|---------------|-----------------|------------------|
| IPv4 Address:   |               |                 | Renew DHCP Lease |
| Subnet Mask:    |               | DHCP Client ID: |                  |
| Router:         |               |                 | ( If required )  |
| Configure IPv6: | Automatically | \$              |                  |
| Router:         |               |                 |                  |
| IPv6 Address:   |               |                 |                  |
| Prefix Length:  |               |                 |                  |
|                 |               |                 |                  |

**Step 4.** Choose the **DNS** tab and make sure there are nothing there. Remove them with the - button on the bottom.

|              | TCP/IP      | DNS     | WINS | 802.1X | Proxies   | Ethernet | t. |
|--------------|-------------|---------|------|--------|-----------|----------|----|
| DNS Servers: |             |         |      | Searc  | h Domains | 1        |    |
|              |             |         |      |        |           |          |    |
|              |             |         |      |        |           |          |    |
|              |             |         |      |        |           |          |    |
|              |             |         |      |        |           |          |    |
|              |             |         |      |        |           |          |    |
| -            |             |         |      | 16 V.  |           |          |    |
| + - IPv4     | or IPv6 add | dresses |      | + -    |           |          |    |

**Step 5.** Choose the 802.1X tab and add a new user profile using the + button on the bottom left:



Then enter your username in the User Name field. You can choose if you want the computer to remember your password or Always prompt for password if the box is checked.

Step 6. The TTLS and PEAP should be checked.

| User Profiles | User Name:      | your username              |
|---------------|-----------------|----------------------------|
|               | Descoursed      |                            |
|               | Password:       | Always prompt for password |
|               | Authentication: | Enable Protocol            |
|               |                 |                            |
|               |                 |                            |
|               |                 | EAP-FAST                   |
|               |                 | Configure                  |
|               |                 | Configure Trust            |
|               |                 |                            |
| H -           |                 |                            |

Step 7. Then choose the Proxies tab. We do not use proxy, so all should be unchecked.

| Auto Proxy Discovery                |              |  |
|-------------------------------------|--------------|--|
| Automatic Proxy Configuration       |              |  |
| Web Proxy (HTTP)                    |              |  |
| Secure Web Proxy (HTTPS)            |              |  |
| FIP Proxy                           |              |  |
| SUCKS Proxy                         |              |  |
| Goober Provy (KTSP)                 |              |  |
| Gopher Ploxy                        |              |  |
| Exclude simple hostnames            |              |  |
| Bypass proxy settings for these Hos | s & Domains: |  |
|                                     |              |  |
|                                     |              |  |
|                                     |              |  |
|                                     |              |  |

**Step 8.** Click the **OK** button on the bottom right.Click OK and a new window pops up: **Authenticating to 802.1X network**. Enter your username and password.