

## Reference Card: How to Eduroam with Windows XP

**Introduction** This reference card explains how to configure your laptop to connect to Eduroam when visiting another educational institution (<http://eduroam/tools-and-resources.html>) for example *Monash University*

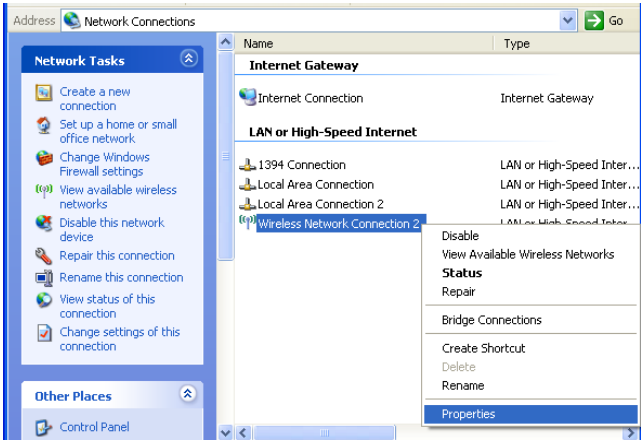
**Note:** University of Melbourne students and staff cannot connect to Eduroam when at the University of Melbourne Campus with the **exception** of *Royal Childrens Hospital (RCH)*

**Audience** University of Melbourne Staff and students

- Requirements** **Items are needed to complete this task:**
- Download and install the latest version of SecureW2 from <http://www.securew2.com/>.
  - Some laptops have an external wireless communication switch; ensure this switch is in the **ON** position. This switch may be in different locations on different machines

**Procedure:** Follow the steps in the table below to connect to Eduroam  
**Connecting to Eduroam**

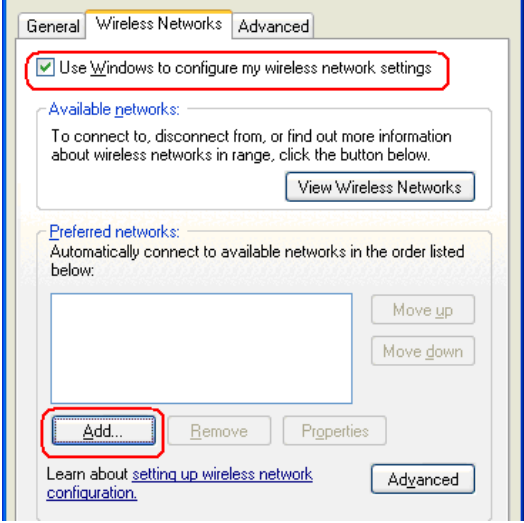
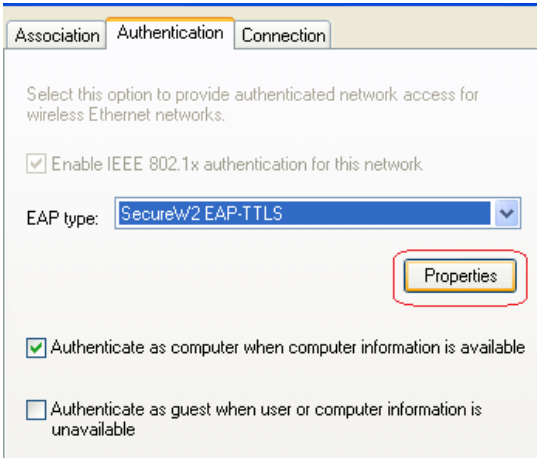
Step	Action
1	Open your Network Connections by clicking <b>Start &gt; Control Panel &gt; Network Connections</b> or from your desktop right click on the <i>My Network Places</i> icon and select <b>Properties</b> .
2	Right click your wireless connection icon and select <b>Properties</b> from the menu to open the Wireless Network Connections <i>Properties</i> window



**Note:** To check the wireless device is on look at the first item on the menu item, it will be *Disable*

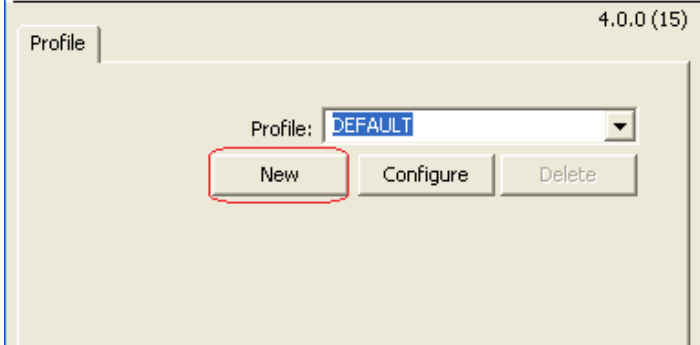

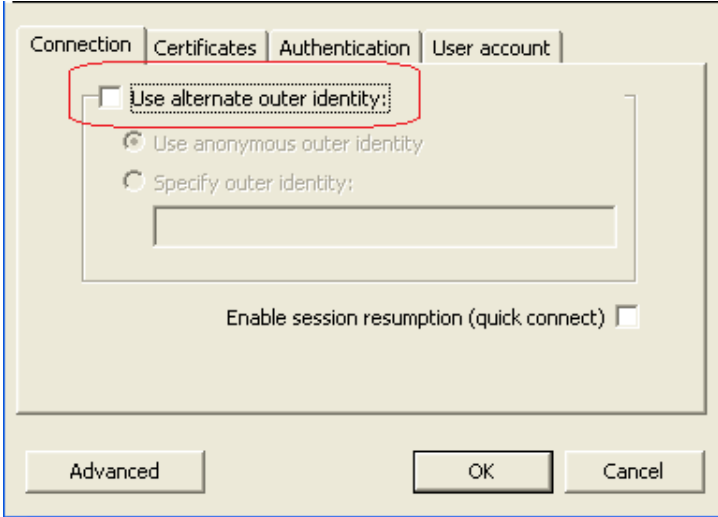
## Reference Card: How to Eduroam with Windows XP, continued

**Procedure:**  
**Connecting to Eduroam**  
*(continued)*

Step	Action								
3	<p>Click the <b>Wireless Network</b> Tab and ensure that <i>Use Windows to configure my wireless network settings</i> is <b>ticked</b> then click the <b>Add</b> button under Preferred Networks to open the <i>Wireless networks properties</i></p> 								
4	<p>The <b>Association</b> tab is active, enter the following information in the correct fields</p> <table border="1" data-bbox="550 1205 1364 1422"> <thead> <tr> <th data-bbox="550 1205 853 1236">Field</th> <th data-bbox="853 1205 1364 1236">Action</th> </tr> </thead> <tbody> <tr> <td data-bbox="550 1236 853 1310">Network name (SSID)</td> <td data-bbox="853 1236 1364 1310">Type <b>eduroam</b> (case sensitive)</td> </tr> <tr> <td data-bbox="550 1310 853 1377">Network Authentication</td> <td data-bbox="853 1310 1364 1377">Select <b>WPA2</b> from the menu</td> </tr> <tr> <td data-bbox="550 1377 853 1422">Data encryption</td> <td data-bbox="853 1377 1364 1422">Select <b>TKIP</b> from the menu</td> </tr> </tbody> </table>	Field	Action	Network name (SSID)	Type <b>eduroam</b> (case sensitive)	Network Authentication	Select <b>WPA2</b> from the menu	Data encryption	Select <b>TKIP</b> from the menu
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5	<p>Click on the <b>Authentication</b> tab and select <b>SecureW2 EAP-TTLS</b> from the EAP type menu. Click the <b>Properties</b> button</p> 								

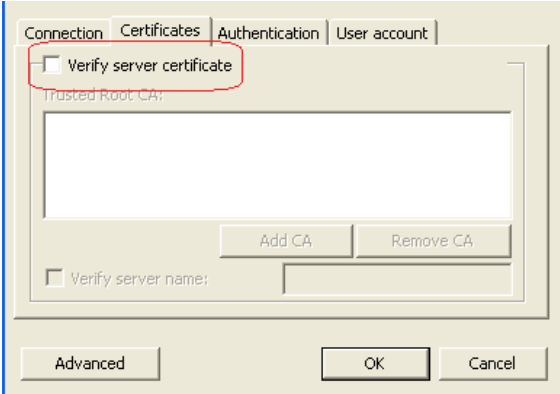
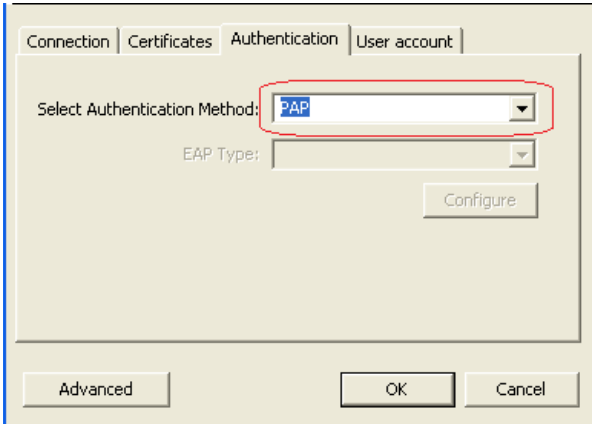
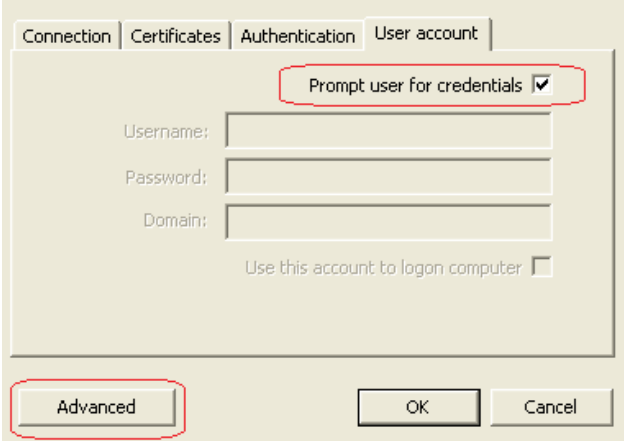
## Reference Card: How to Eduroam with Windows XP, continued

### Procedure: Connecting to Eduroam (continued)

Step	Action
6	<p>In the <i>SecureW2 Configuration</i> box click the <b>New</b> button</p>  <p>The screenshot shows the 'Profile' tab of the SecureW2 Configuration window. The version number '4.0.0 (15)' is in the top right. A dropdown menu labeled 'Profile:' is set to 'DEFAULT'. Below it, three buttons are visible: 'New', 'Configure', and 'Delete'. The 'New' button is highlighted with a red rectangular box.</p>
7	<p>Type the new profile name (for example <b>eduroam</b>) in the <i>Profile</i> field and click the <b>OK</b> button</p>  <p>The screenshot shows the 'SecureW2 New Profile' dialog box. It features the SecureW2 logo at the top. Below the logo, there is a text input field labeled 'Profile:' containing the text 'eduroam'. At the bottom right, there are two buttons: 'OK' and 'Cancel'. The 'OK' button is highlighted with a red rectangular box.</p>
8	<p>When the eduroam window appears the <b>Connections</b> tab is active, ensure <i>Use alternate outer identity</i> checkbox <b>unticked</b></p>  <p>The screenshot shows the 'Connections' tab of the SecureW2 Configuration window. The 'Use alternate outer identity' checkbox is unchecked and highlighted with a red rectangular box. Below it, there are two radio button options: 'Use anonymous outer identity' (which is selected) and 'Specify outer identity:'. At the bottom of the window, there are three buttons: 'Advanced', 'OK', and 'Cancel'.</p>

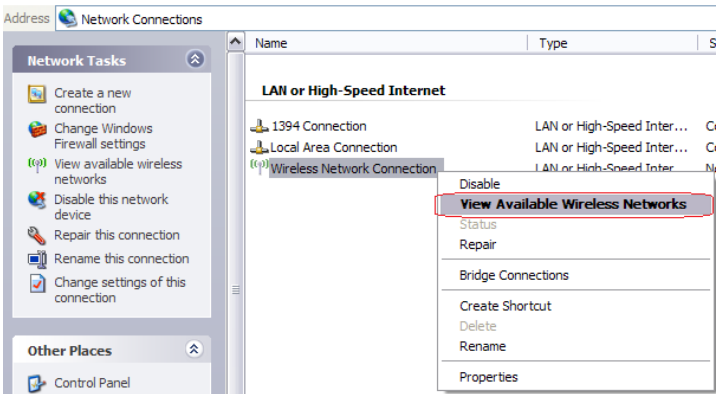
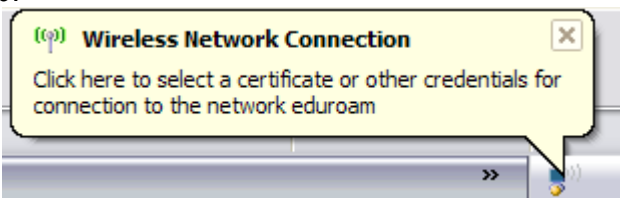
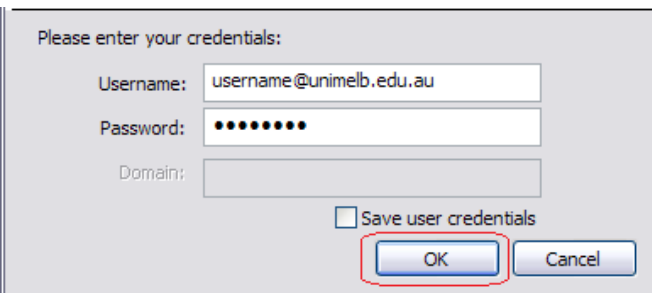
## Reference Card: How to Eduroam with Windows XP, continued

**Procedure:**  
**Connecting to Eduroam**  
(continued)

Step	Action
9	<p>Under the <b>Certificates</b> tab, ensure <i>Verify server certificate</i> is <b>unticked</b></p>  <p>The screenshot shows the 'Certificates' tab of the Network Connection Properties dialog. The 'Verify server certificate' checkbox is unchecked and highlighted with a red circle. Below it is a 'Trusted Root CA:' list box. At the bottom, there are 'Add CA' and 'Remove CA' buttons, and another 'Verify server name:' checkbox. The 'Advanced' button is also visible at the bottom left.</p>
10	<p>Under the <b>Authentication</b> tab select <b>PAP</b> From the <b>Select Authentication Method</b> menu</p>  <p>The screenshot shows the 'Authentication' tab of the Network Connection Properties dialog. The 'Select Authentication Method' dropdown menu is set to 'PAP' and is circled in red. Below it is the 'EAP Type:' dropdown menu and a 'Configure' button. The 'Advanced' button is at the bottom left.</p>
11	<p>Under the <b>User account</b> tab, ensure <i>Prompt user for credentials</i> is <b>ticked</b>. Click the <b>Advanced</b> button</p>  <p>The screenshot shows the 'User account' tab of the Network Connection Properties dialog. The 'Prompt user for credentials' checkbox is checked and circled in red. Below it are text boxes for 'Username:', 'Password:', and 'Domain:'. At the bottom, there is a 'Use this account to logon computer' checkbox and the 'Advanced' button, which is also circled in red. The 'OK' and 'Cancel' buttons are at the bottom right.</p>

## Reference Card: How to Eduroam with Windows XP, continued

**Procedure:**  
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*(continued)*

Step	Action
12	In the <i>SecureW2 Advanced</i> box ensure all items are <b>unticked</b> Click the <b>OK</b> button to close all dialogue boxes and return to the Network Connections window
13	<p>In the <i>Network Connections</i> window right click on <b>Wireless Network Connections</b> and select <b>View Available Wireless Networks</b></p> 
14	In the <b>Wireless Network Connection</b> window select <b>eduroam</b> and click the <b>Connect</b> button
15	<p>If you are in a coverage area, an information balloon will appear in the system tray (at the right bottom corner of the screen). Click the <b>Balloon</b> and the <i>Enter Credentials</i> box pops up.</p> 
16	<p>When prompted enter your University of Melbourne Central Email address (username@unimelb.edu.au) and your University of Melbourne Central Email Password in the correct fields and leave the Domain field blank.</p>  <p>Click the <b>Ok</b> button to connect to the eduroam network</p>