

# Helpsheet:

## Wireless networking eduroam (Windows XP)

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Eduroam Australia allows staff and students at cooperating universities to use each other's wireless networks to access their "home" university.

Further information on eduroam can be found at <[www.eduroam.edu.au](http://www.eduroam.edu.au)>, and the Deakin wireless website located at <[www.deakin.edu.au/its/wireless](http://www.deakin.edu.au/its/wireless)>.

Do not use eduroam on a Deakin campus if you are a Deakin staff member.

If you want to use eduroam while at another university make sure your laptop is correctly set up for eduroam and VPN before you leave Deakin.

More detailed information about wireless networking and eduroam can be found in the *Wireless networking (Windows XP)* user guide available from <[www.deakin.edu.au/its/publications](http://www.deakin.edu.au/its/publications)>.

### **What do you need to use eduroam?**

To connect to eduroam your computer must have

- Windows XP with Service Pack 2
- a wireless card that supports IEEE 802.11b or g standards

Some laptops may require an update to the wireless driver. Contact the vendor to find out the compatibility of your wireless card with 802.11 standards or refer to the wireless card manufacturer's website.

If you want to access Deakin shares, including your home directory, while away you also need a working Deakin VPN connection.

### **How do you use eduroam?**

Configure your eduroam connection before you try to connect and use the eduroam wireless network for the first time. This should be completed before you leave Deakin.

You must be within range of a participating university's wireless network in order to set up or connect to eduroam.

If you want to use any Deakin network shares from another University, you will need to start a Deakin VPN connection once connected to eduroam.

### **Configuring a wireless connection for eduroam**

1. Double-click on the **wireless icon** located at the bottom right hand corner of your screen.  
If the wireless icon is not displayed, click on the **Start** menu, select **Connect To** and click on **Wireless Network Connection**.
2. Click on **View Wireless Networks**.
3. Click on **Change advanced settings** in the **Choose a Wireless Network** window.
4. Click **OK** if the privileges message box displays.

5. Click on the **Wireless Networks** tab.
6. Click **Add**.
7. Click on the **Association** tab in the Wireless network properties window.  
Type eduroam in the **Network name (SSID)** box.  
Select WPA from the **Network Authentication** drop down box and select **TKIP** from the **Data Encryption** drop down box.
8. Click on the **Authentication** tab and select Protected EAP (PEAP) in the **EAP type** drop down box. Click the **Properties** button.  
Uncheck **Authenticate as computer when computer information is available**.  
Click the **Properties** button  
  
Make sure that the **Connect to these Servers** box is not ticked.  
  
Make sure that **Select Authentication Method** shows **Secured password (EAP-MSCHAP-v2)**.  
Click **Configure**.  
  
In the **EAP MSCHAPv2 Properties** window, uncheck the **Automatically use my windows logon name and password** (and domain if any) box and click **OK**.  
  
Click **OK** in the **Protected EAP Properties** window.
9. Click **OK** in the **Wireless Network Properties Connection** window.
10. eduroam is now available in **Preferred networks**. Click **OK**.
11. Click on the wireless icon in the system tray when the **Wireless Network Connection** DeakinSecure balloon message is displayed.
12. Select **OK** on the **Validate server certificate** window.

## Using eduroam

1. Double-click on the **wireless icon** at the bottom right hand corner of your screen. If the wireless icon is not displayed, click on **Start > Connect To > Wireless Network Connection**.
2. Click on **View Wireless Networks**.
3. Select **eduroam** from the list, then click on **connect**.
4. You are then prompted to enter your username and password. Enter your username as `username@deakin.edu.au`, then your password. The **Login domain** field should remain blank.
5. You are now connected to eduroam. If you want to access any Deakin shares (including your home directory) start your Deakin VPN connection now.

## Getting help

If you require further information or assistance with accessing eduroam, see the Wireless website at [www.deakin.edu.au/its/wireless/](http://www.deakin.edu.au/its/wireless/) or call the IT Service Desk on ext. 72400.

The *Wireless networking @ Deakin (Windows)* user guide is also available from the ITSD Publications website located at [www.deakin.edu.au/its/publications/](http://www.deakin.edu.au/its/publications/).