

## eduroam AU



eduroam Australia allows staff and students to use wireless networks at cooperating universities without the need for an extra account. Saving you time and effort and making communications easy.

eduroam allows on demand wireless network access with mobility, security and ease of use enriching collaboration, e-science and institutional single sign on systems.

eduroam in Australia is available at  
 over 1200 Access points  
 to over 360,000 users  
 in over 29 sites  
 with 31 sites in development  
 at over 19 institutions.

The installation of eduroam is always growing.

For up to date information on access to sites please visit <http://www.eduroam.edu.au>

Access to eduroam is free. There are no account fees, no connection fees and no access fees.

eduroam is the perfect environment for secure authenticated access for conferences, summits and forums. Small or large groups of multi institutional attendees can login securely without the organisers dealing with username and password creation, dissemination of accounts and wireless problems.

If you have an questions on the service please contact,

Enquiries@eduroam.edu.au or your local IT services department.

eduroam allows roving staff and students to log-in, with their usual "user name/password", to wireless networks at participating campuses around Australia and the World and gain access to resources at their home institution.



### PRODUCTIVITY

### ACCESS

### SECURITY

### COMMUNITY

### OPEN STANDARDS



- *Wireless*
- *Network*
- *Access*
- *For Education*



[www.eduroam.edu.au](http://www.eduroam.edu.au)  
[Enquiries@eduroam.edu.au](mailto:Enquiries@eduroam.edu.au)



## How can I use eduroam



If your institution is a member of eduroam and you have wireless access on your laptop then you can access eduroam. You will need to install a supplicant and certificate on windows and Linux, on OS X just click and go. This supplicant and certificate will enable you to authenticate safely to eduroam. Login with your usual username (e.g. username@institution.edu.au) and password. Information for this can be found at <http://www.eduroam.edu.au/tech/> and from your local IT department.

## Is it safe to use



eduroam uses secure wireless access methods to lock down the local wireless network. WPA and TKIP set a secure key and crypto system for safe data transit. With EAP TTLS-PAP secure certificate based tunnels are established from your laptop to your home institution's proxy to pass your credentials through. Once connected eduroam allows participants to use VPN tunnels out of the host site securing the connection between the remote user and their home institution.

## Open standards



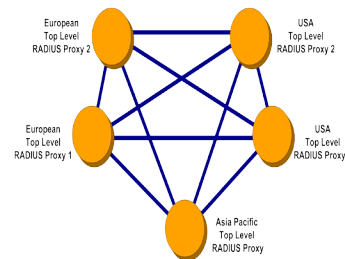
eduroam uses open standards to enable cross platform uniform access to all services. This means that eduroam works on Windows, Linux, MAC OS X and even with Windows CE and windows CE mobile. The products eduroam uses are open source or open standards like FreeRADIUS, Open SSL, Fedora, RedHAT, Radiator and Secure W2. eduroam also supports most modern Access Points by CISCO, Linksys, Apple, Dlink and Netgear.

## eduroam global roaming

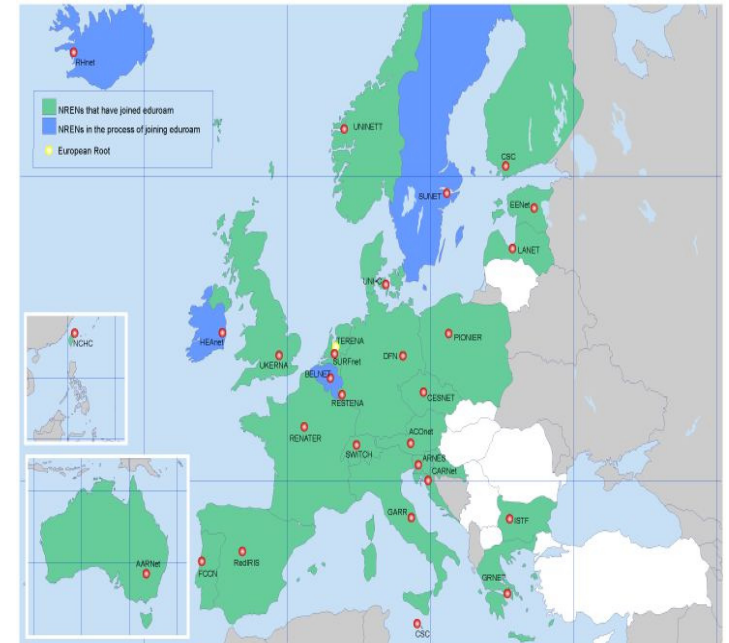
Eduroam members can access wireless networks in over 450 institutions in over 25 countries.

- |                |                 |
|----------------|-----------------|
| Australia      | Latvia          |
| Austria        | Luxembourg      |
| Belgium        | Malta           |
| Bulgaria       | The Netherlands |
| Croatia        | Norway          |
| Czech Republic | Poland          |
| Denmark        | Portugal        |
| Estonia        | Slovenia        |
| France         | Spain           |
| Finland        | Switzerland     |
| Germany        | Taiwan          |
| Greece         | United Kingdom  |
| Italy          |                 |

The number of countries and institutions continue to grow with development on eduroam services being done in the USA, Japan, Korea, Ireland, Poland, Iceland and Sweden.



A radius hierarchy has been developed to allow realm based routing of authentication requests internationally with geographical and path redundancy built in.



## Want to know more



More information is available:

- Email [enquiries@eduroam.edu.au](mailto:enquiries@eduroam.edu.au)
- Visit the Australian eduroam website at <http://www.eduroam.edu.au>
- Join the eduroam mailing lists at the above web site

