

Wireless network at ISCTE

Eduroam

ISCTE's wireless network is in conformity with eduroam project (Education Roaming).

The main goal of eduroam project (Education Roaming) is to provide a mobility service for the European academic community. In Portugal, eduroam has been treated in the scope of the *e-U Campus Virtual* initiative.

"The *e-U Campus Virtual* aims to massify the access to on-line academic content, and the use of wireless access technologies through the development of Services, Contents, Applications and Mobile Communication Networks, inside and outside the University, to academic students and teachers, that stimulate and assist the production, the access and the share of knowledge. This initiative aims to join all the academic networks off all teaching academic schools, creating by that an "anytime, anywhere" academic network."

Source: http://www.eduroam.pt/index_en.htm.

To Know more about eduroam, please access to the URL <http://www.eduroam.org/>.

Access to eduroam in ISCTE

Basically, you need valid credentials for authentication (username and password) and a computer equipped with a wireless network adapter (which conforms to IEEE 802.11 b/g protocol with WPA support). Finally, you need to configure the network accordingly to the operating system, as explained in this document.

You can find *dicas* in English for the following operating systems:

- Windows (Vista and XP)
- Mac OS
- GNU/Linux with Ubuntu Desktop Edition (and Gnome environment).

URL – https://dsi.iscte.pt/rede_sem_fios/

Other *dicas* from DSI

Already available:	Category	Languages
1. Classroom video broadcast	Video broadcast	pt
2. Wireless network configuration: Windows Vista	Wireless networks	pt, en
3. Wireless network configuration: Windows XP	Wireless networks	pt, en

Online manuals:

- <https://dsi.iscte.pt/publicacoes/manuais/> (mainly in Portuguese)

Frequently asked questions:

- <http://perguntas.iscte.pt/>

DSI support system (e-mail access):

- ajuda.dsi@iscte.pt

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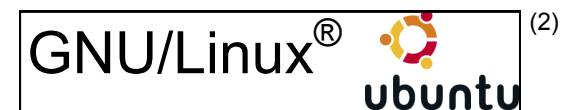
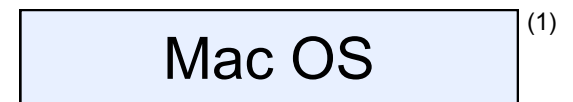
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Wireless network configuration

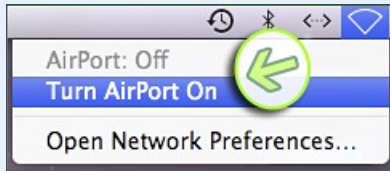


1) Mac OS X, with Leopard 10.5.

2) GNU/Linux, Ubuntu 8.04 LTS Desktop Edition, with GNOME environment.

Mac OS

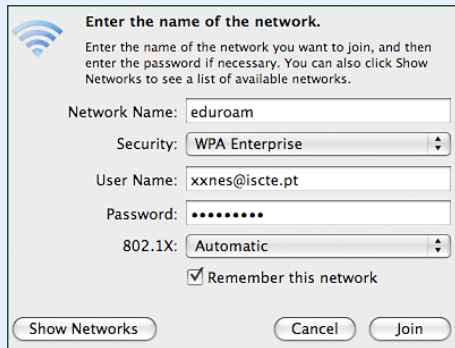
[1] On "Airport" menu, select "Turn Airport on" and "Open Network Preferences":



[2] Click "802.1x" button. If the icon is not available, Access to "File" -> "New Connection 802.1x".

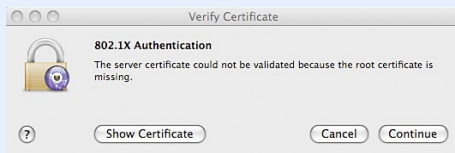
[3] Select the options as shown:

- "Network name": eduroam
- "Security": WPA-Enterprise
- "User Name": Your username, qualified with @iscte.pt
- "Password": Your password (the same used to Access IT services at ISCTE)
- "802.1X": Automatic
- "Remember this network": Checked



Then click Join.

[4] Click "Continue" to accept the certificate:



Make sure you're in a covered area. The eduroam network must be available in order to connect successfully .

GNU/Linux® ubuntu

[1] In the taskbar click the wireless network icon to get information about the wireless connection status. Then select "eduroam" network:

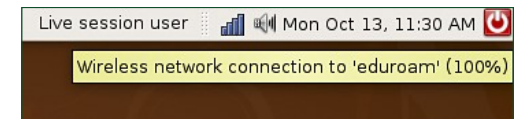


[2] On the "Wireless Network Key Required" window check the options as shown:

- "Wireless security": WPA Enterprise
- "EAP Method": PEAP
- "Key Type": TKIP
- "Phase2 Type": MSCHAPV2
- "Identity": Your username, qualified with @iscte.pt
- "Password": Your password (the same used to Access IT services at ISCTE)
- "Client Certificate File": (None)
- "CA Certificate File": (None)
- "Private Key File": (None)
- "Private Key Password":
- Checkbox "Show passwords": Unchecked



[3] Windows will establish the connection to the newly created network. Make sure you're in a covered area. If the eduroam network is available, a message as shown below will appear when connection is established:



This information is also available at:

- <https://dsi.iscte.pt/publicacoes/manuais/rede-sem-fios/>