



Internet access system through the Wireless Network of the University of Bologna

(last update 8.04.2014)

Printable service summary document: the updated version is available online at the following address <http://www.unibo.it/almawifi>

A WPA security access system has been implemented on every access point according to the requirements of WI-FI Alliance, which guarantees complete encryption of all the traffic flows. In more detail, the WPA system has been configured with TKIP and EAP (IEEE 802.1x) standards, where active directory users of the University DSA are validated by a centralized Radius Server.

We remind you that user credentials should be activated by setting a personal password via the following website <https://www.dsa.unibo.it>

For further information about connection problem please consult FAQ ALMAWIFI at <http://www.unibo.it/almawifi>

Client configuration using Mac OS X

The operating system must be Mac OS X 10.3 or later ; this OS automatically recognizes if the network you are joining uses WEP or WPA, and it gives you the correct prompt.

WPA works best in Mac OS X 10.3.3 or later with AirPort software 3.3 or later.

There are two ways to set up WPA, Personal and Enterprise. WPA Personal is easier to set up if you have a small personal network.

For a school or business, WPA Enterprise can provide each user with unique credentials. WPA Enterprise uses the same security as WPA Personal, but with the added measure of individual usernames and passwords.

Configuring the AirPort

When you want to switch to wireless: Click on the **Airport** icon, and choose **Turn Airport On**.



In the same menu, be sure you select **ALMAWIFI**.



The **AirPort** window will appear. You will need to enter the appropriate configuration settings for the **ALMAWIFI** network detailed below:



unibo.it for staff of University
studio.unibo.it for students of University

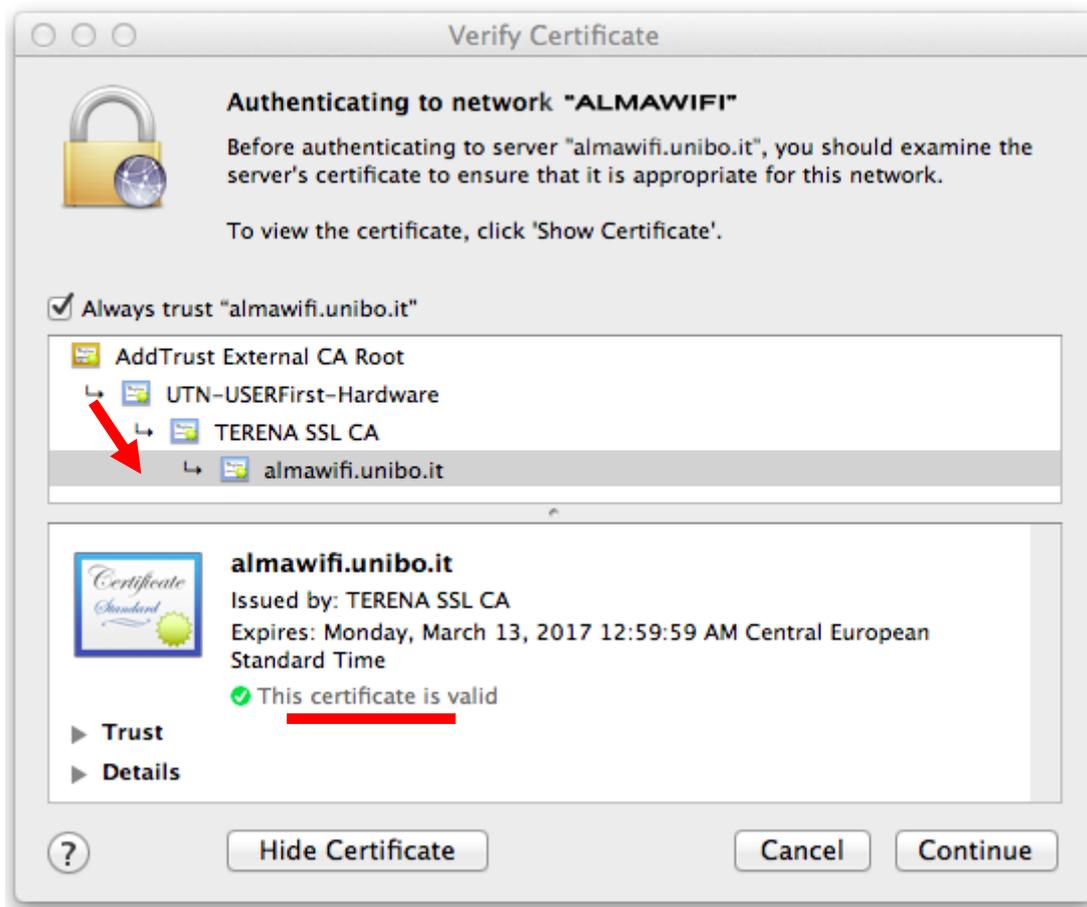
- Wireless Security is **WPA Enterprise**
- User name is **your user name:**
 - **name.surname@unibo.it** for staff of University
 - **name.surname@studio.unibo.it** for students of University
- Password will be your password
- 802.1X Configuration set to **Automatic**

Click **OK**.

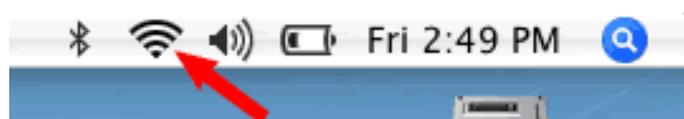
You will then see a Verify Certificate dialog box; Click **Show Certificate** button to review and approve the **thawte Primary Root CA** digital certificate



Clicking **Continue** will allow the certificate to be accepted for this single connection. To accept the certificate permanently and avoid going through the process in the future, check the **Always trust these certificates** box:



When you are connected the airport icon at the top right of your desktop will turn black.



Wireless Network – ALMAWIFI