

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

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 <u>https://www.dsa.unibo.it</u>

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

Client configuration using Linux Ubuntu

The operating system must be Ubuntu 7.10 or later; this OS automatically recognizes if the network you are joining uses WEP or WPA, and it gives you the correct prompt.

Click on the network-manager-gnome application button that will appear on the Ubuntu toolbar. Choose "Enable Wireless"



In the same menu, be sure you select ALMAWIFI:

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ALMAWIFI	. 98	1		
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<u>V</u> PN Connectio	ns	>	12	
<u>C</u> onnect to Hid Create New Wi	den Wireless N reless Network	etwork		A SALAN

If the Ubuntu version installed on your computer is <u>*Hardy*</u> (8.04), the "**Passphrase Required by Wireless Network**" window will appear. You will need to enter the appropriate configuration settings for the **ALMAWIFI** network detailed below:

Passphrase Req A passphrase or encry wireless network 'ALM/	uired by Wireless N ption key is required to acco	etwork ess the	
Wireless Security:	PA Enterprise	\$	
EAP Method:	PEAP	+	
Кеу Туре:	Automatic (Default)	+	
Phase2 Type:	None (Default)	+	
Identity:	name.surname@		unibo.it for staff of University
Password:			studio.unibo.it for students of University
Anonymous Identity:			
Client Certificate File:	(None)		
CA Certificate File:	(None)	1	
Private Key File:	(None)		
Private Key Password			
	Show passwords		
	Cancel C	C <u>o</u> nnect	

Rete Wireless – ALMAWIFI

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- Wireless Security: WPA Enterprise
- EAP Method: PEAP
- Key Type: Automatic (Default)
- Identity:
 - o name.surname@unibo.it for staff of University
 - o name.surname@studio.unibo.it for students of University
- Password will be your password

Click Login to Network.

If the Ubuntu version installed on your computer is <u>Intrepid Ibex</u> (8.10), the "Authentication required by wireless network" window will appear. You will need to enter the appropriate configuration settings for the ALMAWIFI network detailed below:

wireless network 'ALM	AWIFI'.	
<u>W</u> ireless Security:	WPA & WPA2 Enterprise	e 🗸
Authentication:	Protected EAP (PEAP)	×
Anonymous Identity:		
CA Certificate:	(None)	Select <u>Version 0</u>
PEAP Version:	Version 0	↓
Inner Authentication:	MSCHAPv2	 ~
User Name:	name.surname@	unibo.it for staff of University
Password:		
	🗆 Show password	

The "No Certificate Authority certificate chosen" window will appear; select "Don't warn me again" and "Ignore":

ng a Certificate Authority (CA) certificate can resul actions to insecure, rogue wireless networks. Wou to choose a Certificate Authority certificate?
ections to insecure, rogue wireless networks. Wou to choose a Certificate Authority certificate?
to choose a Certificate Authority certificate?
t warn me again
't warn me anain
a agains

When you are connected the network-manager-gnome icon at the top right of your desktop will turn black and the message of "**Connection Established**" will appear:



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