



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 <u>http://www.unibo.it/almawifi</u>

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 http://www.unibo.it/almawifi

Client configuration using Windows 7

The system automatically identifies the available connections in the bottom bar, as shown in figure:



Click the right mouse button:



Choose: "Open Network and Sharing Center".

Now you should view a window similar as below:



Click on "Manage wireless networks"



Will appear all the wireless networks already configured and you will be able to add new ones: choose the button "Add"

	े व	🖞 🕨 Co	ntrol Pan	el 🕨	Network
N	lanag	e wirel	ess net	worl	cs that
W	lindows	tries to	connect t	o thes	e netwo

Now you should view the following window:



Click on "Manually create a network profile" and complete fields as in the example shown in Figure:

Enter informatio	on for the wireless netwo	ork you wan	t to add	
Network name:	ALMAWIFI	1		
Security type:	WPA-Enterprise	•]		
Encryption type:	ТКІР	*]		
Security Key:			Hide characters	
Start this conn	ection automatically			
Connect even	if the network is not broadcast	ting	and the second second	
Warning: If yo	ou select this option, your com	puter's privacy n	hight be at risk.	

Click on Next button and then Change connection :

Manually connect to a wireless network	
Successfully added	
Change connection settings ALMAWIFI Open the connection properties so that I can change the settings.	
	Close
	Manually connect to a wireless network Successfully added Change connection settings ALMAWIFI Open the connection properties so that I can change the settings.

Click on "Change connection setting" and set option as in figure:

Autore: CeSIA Data: 08/04/2014

Security type:	WPA2-Enterprise
incryption type:	TKIP
hoose a network a	authentication method:
Microsoft: Protecte	ed EAP (PEAP)
Remember my a	redentials for this connection each
Remember my a time I'm logged a	redentials for this connection each
Remember my a time I'm loaaed o	redentials for this connection each on
Remember my a time I'm logaed a	redentials for this connection each
Remember my a time T'm logged o	redentials for this connection each

Click on "Settings" and set the "thawte Primary Root CA" certificate:

			2
er la conness	ione:		
Convalida	a certificato server		
Connetti	i ai server sequenti:		
almaw	ifi.unibo.it		
Autorità di c	ertificazione radice att	endibili:	
ACEDIO	COM Root		
ACNLB			
Actalis /	Authentication CA G1		
Actalis /	Authentication Root CA	4	
AddTru:	st External CA Root		
AdminC	A-CD-T01		
Admin-F	Root-CA		-
•	, III		•
Non chie	azione attendibili.		
Non chie di certific elezionare il n Password pro	netodo di autenticazion tetta (EAP-MSCHAP v2	ie: ?) –	Configura
Non chie di certific elezionare il n Password pro Abilita ricor Imponi Pro	netodo di autenticazion tetta (EAP-MSCHAP v2 messione rapida tezione accesso alla ref	te	Configura
Non chie di certific elezionare il n Password pro Abilita ricor Imponi Pro Disconnetti Consenti co	netodo di autenticazion tetta (EAP-MSCHAP v2 inessione rapida tezione accesso alla ref i se il server non presei rivacy identità	ne: 2)	Configura
Non chie di certific elezionare il n Password pro Abilita ricor Imponi Pro Disconnetti Consenti pi	netodo di autenticazion tetta (EAP-MSCHAP v2 inessione rapida tezione accesso alla ref i se il server non preser rivacy identità	ne: 2) te nta TLV di cryptobind	Configura

Click on "Configure...":

Autore: CeSIA Data: 08/04/2014



Set unchecked "Automatically use ..." and click "OK".

Click on "Advanced settings" at Security tab:

nostazioni 802	11		
10030210111 002.			
Specificare	e la modalità di aute	enticazione:	
(
Autentica	azione utente	•	Salva credenziali
	1	ti ali utanti	
Elipsion			

Set "User autentication" and complete the credentials:

Windows Security	(— ×
Network Au Please enter us	uthentication er credentials		
	User name Password		
		ОК	Cancel

Insert user: <u>name.surname@unibo.it</u> <u>name.surname@studio.unibo.it</u> <u>name.surname@esterni.unibo.it</u>

and password and click OK.