

ALMA MATER STUDIORUM Università di Bologna AREA SISTEMI E SERVIZI INFORMATICI

Internet access system through the Wireless Network ALMAWIFI Android and IOS devices (last update al 19/03/2025)

The updated version of the document is always the one published online at <u>http://www.unibo.it/almawifi</u>

To ensure the security of the ALMAWIFI connection, the ALMAWIFI certificate must be verified through the Sectigo Certification Authority (CA).

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Configuration of ANDROID systems

In latest Android systems, it is possible and recommended to select for certificate verification:

- the option "use system certificate" and CA certificate
- the option "Don't validate" for "Online certificate status" (the "Online certificate status" item may not be available in all Android systems; in this case just go ahead without indicating anything)
- enter unibo.it as a "Domain"

Below is the sequence of steps:

11:51 🗆	X 2 A A B	11:51 🖴 🗆	数 法当时审	11:52 🗃 🗆	M Sola B
< ALMAWIFI		< ALMAWIFI		< ALMAWIFI	
EAP method		EAP method		EAP method	
Identity name.surname@unibo.it		Identity name.surname@unibo.it		Identity name.surname@unibo.it	
Password	10	Password	6	Password	200
CA certificate Select certificate CA certificate must be selected.		Select certificate Use system certificates		CA certificate Use system certificates Online certificate status	
Advanced	~	Don't validate		Domain unibo.it	
Connect		Add the domain. Auto reconnect		Auto reconnect	
		Advanced	~	Advanced	~
		Connect		Connect	
III O	<	III O	<	III O	<

Parameters are the following: EAP Method: PEAP Phase 2 authentication MSCHAPV2 Identity: type your username, name.surname@unibo.it or name.surname@studio.unibo.it Password Domain: unibo.it

If the device shows the field "Anonymous identity", precompiled with the value "anonymous", as in the following screenshot, be sure to delete the content of the field:

Domain		
unibo.it		
Identity		
@	studio.unibo	.it
Anonymous identity		
anonymous		
Password		
(unchanged)		
	Cancel	Connect

Should the connection to ALMAWIFI be unsuccessful by using these settings, it is necessary to upload the certificate of the certifying authority using the procedure described below.

Download the certificate from the portal page dedicated to ALMAWIFI <u>http://www.unibo.it/almawifi</u> or directly from the Sectigo website:

https://comodoca.my.salesforce.com/sfc/p/1N000002Ljih/a/3l000000VZ4M/ie5Sho19m8SLjTZkH_VL8efOD 1qyGFt9h5Ju1ddtbKQ

By downloading the certificate with some browsers (eg Mozilla Firefox), a message like "This certificate is already installed as a certificate from a certification authority" will appear.

This happens because the browser tries to install the certificate inside it.

In these cases, it is necessary to right-click on the download link and save the certificate in a local folder and then select it when creating the ALMAWIFI profile.

The instructions below are indicative, as the different versions of Android for the various devices are presented to the user in very different ways.



Go to the "download management" sectionEnter the device password, if requested, Assign a name to the certificate and setof the device and select: USERTrust..crtand select the file you just downloaded "used for": on the WIFI item

You may be asked to set a PIN or Password for the smartphone screen lock. The certificate will be installed.



Connect to ALMAWIFI

Select the certificate for the PEAP method

Connect again to ALMAWIFI (deleting the profile). Enter your credentials. Go on and select MS-CHAP-V2.

Configuration of IOS systems

Should the system can't validate automatically ALMAWIFI certificate, it is necessary to upload the certificate of the certifying authority using the procedure described below.

Download the certificate from the portal page dedicated to ALMAWIFI <u>http://www.unibo.it/almawifi</u> or directly from the Sectigo website:

https://comodoca.my.salesforce.com/sfc/p/1N000002Ljih/a/3I000000VZ4M/ie5Sho19m8SLjTZkH_VL8efOD 1qyGFt9h5Ju1ddtbKQ

By downloading the certificate with some browsers (e.g. Mozilla Firefox), a message like "This certificate is already installed as a certificate from a certification authority" will appear.

This happens because the browser tries to install the certificate inside it.

In these cases, it is necessary to right-click on the download link and save the certificate in a local folder and then select it when creating the ALMAWIFI profile.

Mar III 40 16:24 4 100% 1837 SHA-2 Root USERTrust RSA Cetter Nessuna anteprima disponibile	Mail, il 40 1924 4 100% 1997	10 16:24 47 16 100% 1990 SHA-2 Root USERTrust RSA Cer
AA Bomodoca.my.salesforce.com C	comodoca.my.salesforce.com	AA Bomodoca.my.salesforce.com
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Go to SETTINGS -> GENERAL -> PROFILES (for the latest IOS versions the section is called "VPN and devices management"): you should see the .crt file downloaded.

Enter and click on install. When completed the file will be installed and verified.



Profile verification and activation of USERTrust RSA Certification Auhtority Go to SETTINGS -> GENERAL -> INFO - > CERTIFICATE RELIABILITY

Profilo installato	Info Attendibilità certificati	Attendibilità certificati
A USEDTrust DSA Cartification A	Versione archivio 201812100	Versione archivio 2021072200 0 Versione risorse 14
Firmato da USERTrust RSA Certification Authority	Autorizza versione elemento	7 ABILITA ATTENDIBILITÀ COMPLETA PER CERTIFICATI ROOT
Verificato ✓ Contiene Certificato	C Certificato root	DigiCert Assured ID Root CA
Più dettagli >	Avviso: abilitando questo certificato per i siti web consentirai a terze parti di accedere a qualsiasi dato privato che invii.	USERTrust RSA Certification A
	Annulla Continua	

Enable USERTrust RSA.