



AREA SISTEMI E SERVIZI INFORMATICI

The ALMAWIFI network certificate verification on ANDROID smartphones (last update 23/12/2021)

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

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

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:

The first screenshot shows the 'EAP method' screen with 'PEAP' selected, 'Identity' set to 'name.surname@unibo.it', and a password field. The second screenshot shows the 'Select certificate' dialog with 'Use system certificates' selected. The third screenshot shows the 'CA certificate' screen with 'Use system certificates' selected, 'Online certificate status' set to 'Don't validate', and 'Domain' set to 'unibo.it'.



AREA SISTEMI E SERVIZI INFORMATICI

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 <http://www.unibo.it/almawifi> or directly from the Sectigo website:

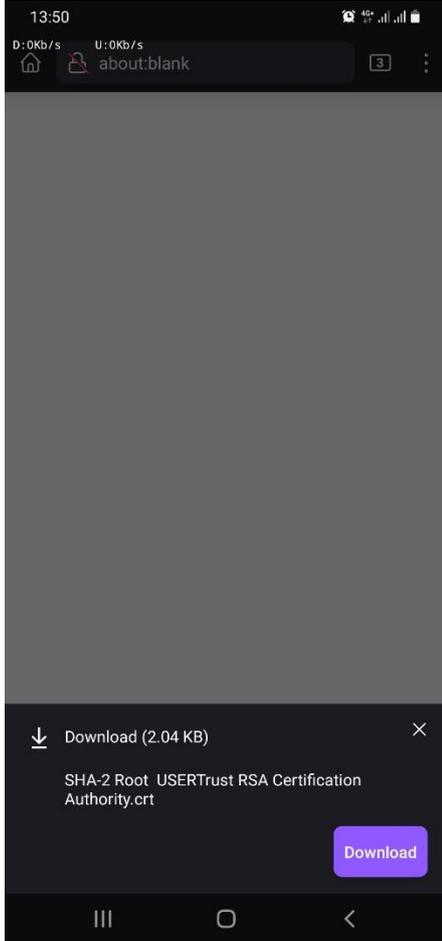
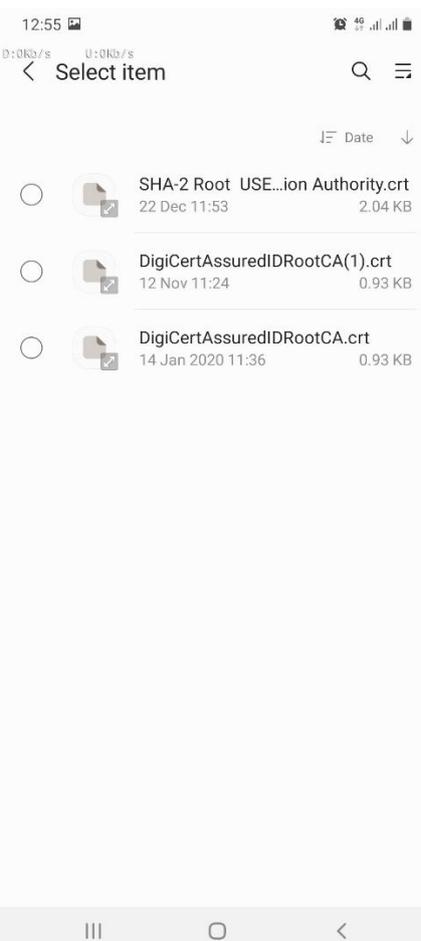
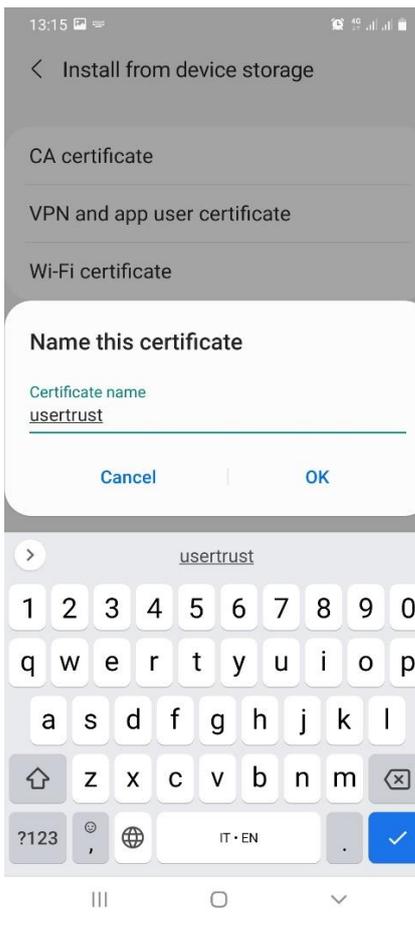
https://comodoca.my.salesforce.com/sfc/p/1N000002Ljih/a/3I000000VZ4M/ie5Sho19m8SLjTZkH_VL8efOD1qyGFt9h5Ju1ddtbKQ

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.

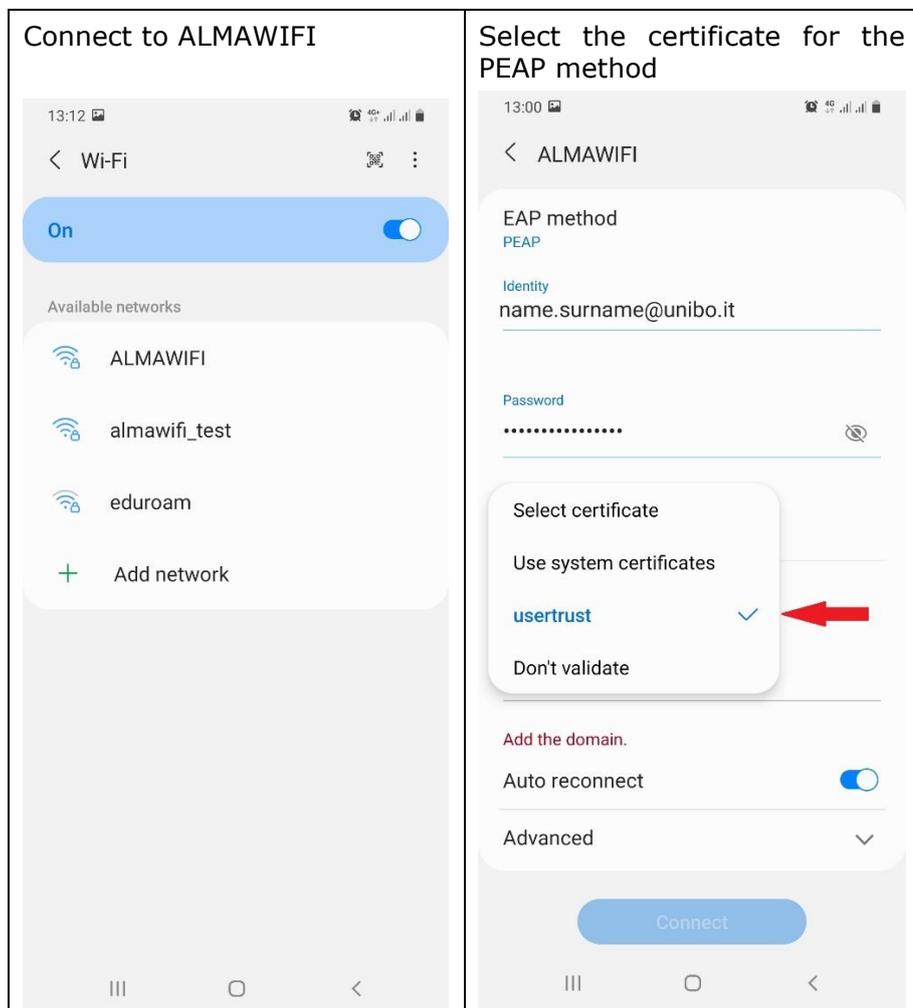
The instructions below are indicative, as the different versions of Android for the various devices are presented to the user in very different ways.

<p>Go to the "download management" section of the device and select: USERTrust..crt</p> 	<p>Enter the device password, if requested, and select the file you just downloaded</p> 	<p>Assign a name to the certificate and set "used for": on the WIFI item</p> 
--	---	---



AREA SISTEMI E SERVIZI INFORMATICI

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



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