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Wired network – Certificate installation guide

The primary purpose of this document is to illustrate how to correctly install the certificate on the Windows operating system to connect to the UniBS wired network.

Overview & Prerequisites

Why This Guide

- Wired 802.1X access — devices connecting to the UniBS network via Ethernet cable must authenticate using the same digital identity system as the wireless network.
- A digital certificate is required — Windows needs a personal certificate installed and trusted before it can complete the 802.1X handshake with the network switch.
- This guide walks through downloading, installing, and configuring the certificate on Windows, step by step, with a screenshot mockup for every action.

Before You Start

- Supported operating system — a Windows computer (Windows 10 or 11 recommended).
- Ethernet connection — a network cable and access to a wired network point on campus.
- Certificate file — the .der certificate file, downloaded from the UniBS website.
- Administrator access — local admin rights on the device to install the certificate and change network settings.

STEP 1 • OBTAIN THE CERTIFICATE

- Open a browser and go to the UniBS wired network page: [unibs.it](#) → Opportunities and Services → Services → Digital Services → Networks → Wired Network Authentication Configuration.
- In the “Certificate” section, click “Windows Certificate DER” to download [unibs-ca.der.zip](#).
- Save the download to a location you can easily find, such as the Desktop.

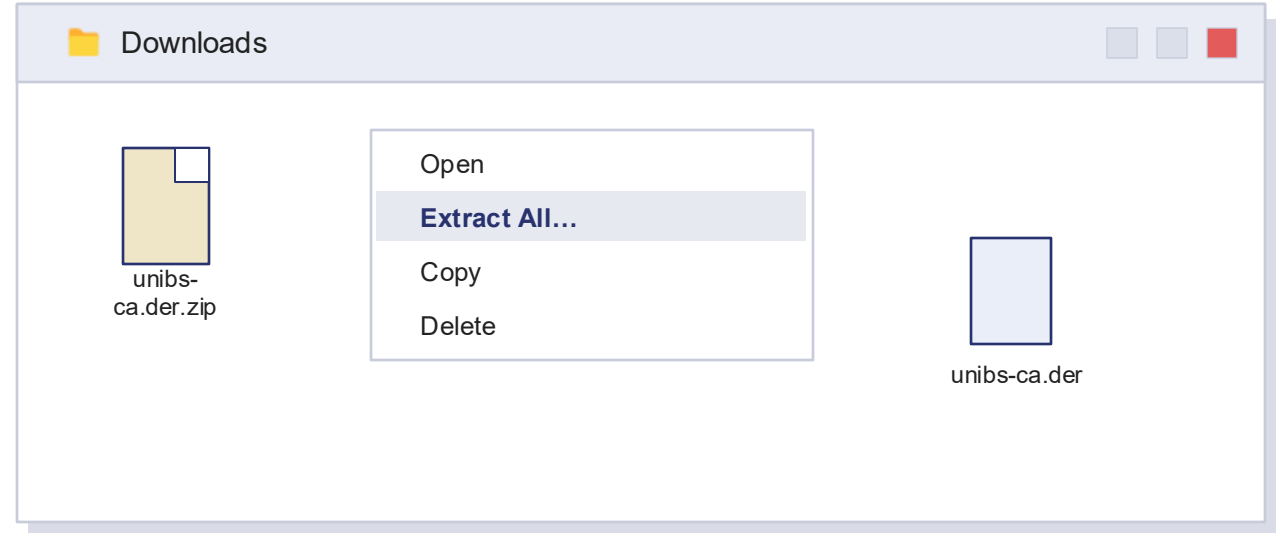
CERTIFICATE

 [Windows Certificate DER](#)

 [Mac-Android Certificate](#)

STEP 1 • OBTAIN THE CERTIFICATE

- Open File Explorer and locate the downloaded unibs-ca.der.zip file (usually in your Downloads folder).
- Right-click the .zip file and select “Extract All...”.
- Confirm the destination folder and click “Extract”. A file named unibs-ca.der will appear.
- Move unibs-ca.der to a location you can easily find, such as the Desktop.

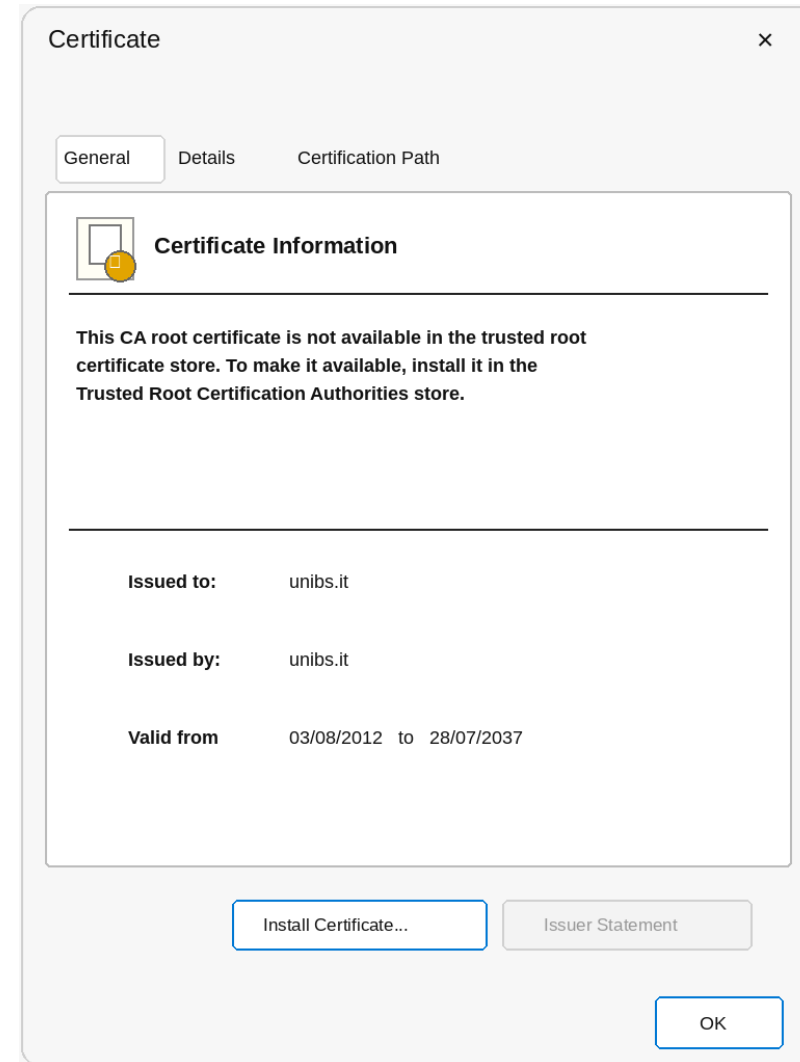


STEP 2 · INSTALL THE CERTIFICATE



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- Double-click the unibs-ca.der certificate file.
- Windows opens the Certificate Import Wizard automatically.
- Click “Next” to begin the import.

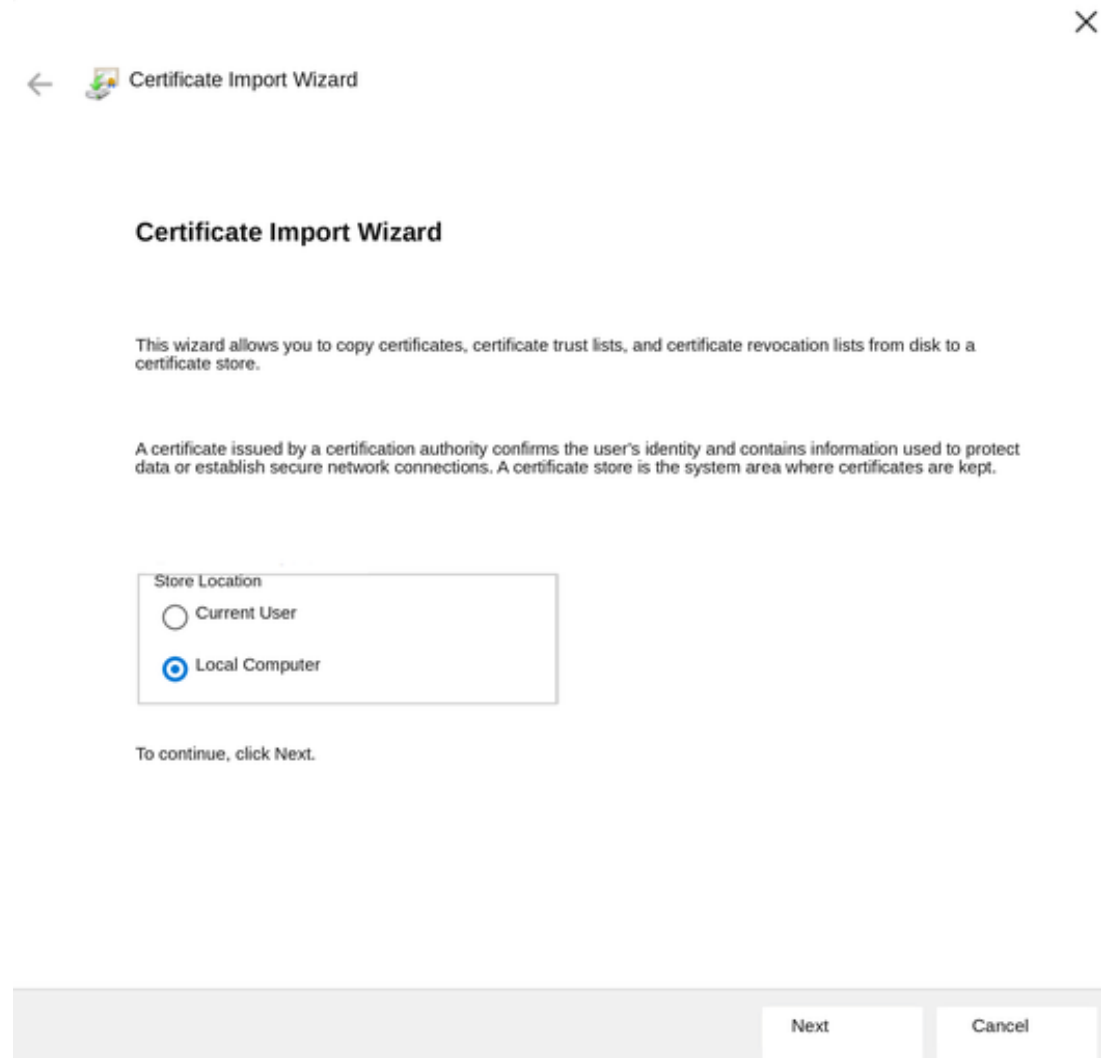


STEP 2 · INSTALL THE CERTIFICATE

In the “Store Location” step, select “Local Computer”.

This installs the certificate in the computer’s certificate store.

Click “Next” to continue.

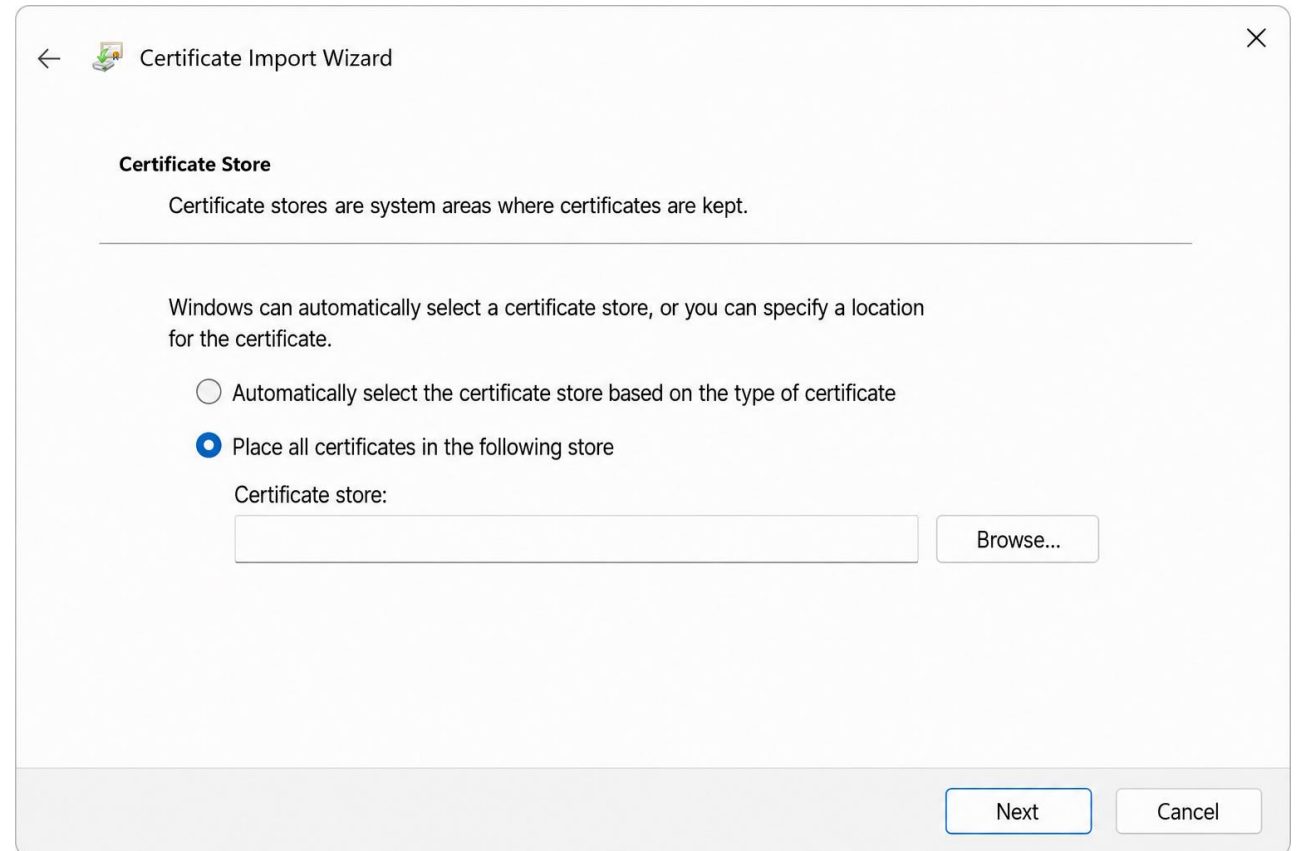


STEP 2 · INSTALL THE CERTIFICATE

Select “Place all certificates in the following store”.

Click “Browse...”.

Click “Next” to continue.



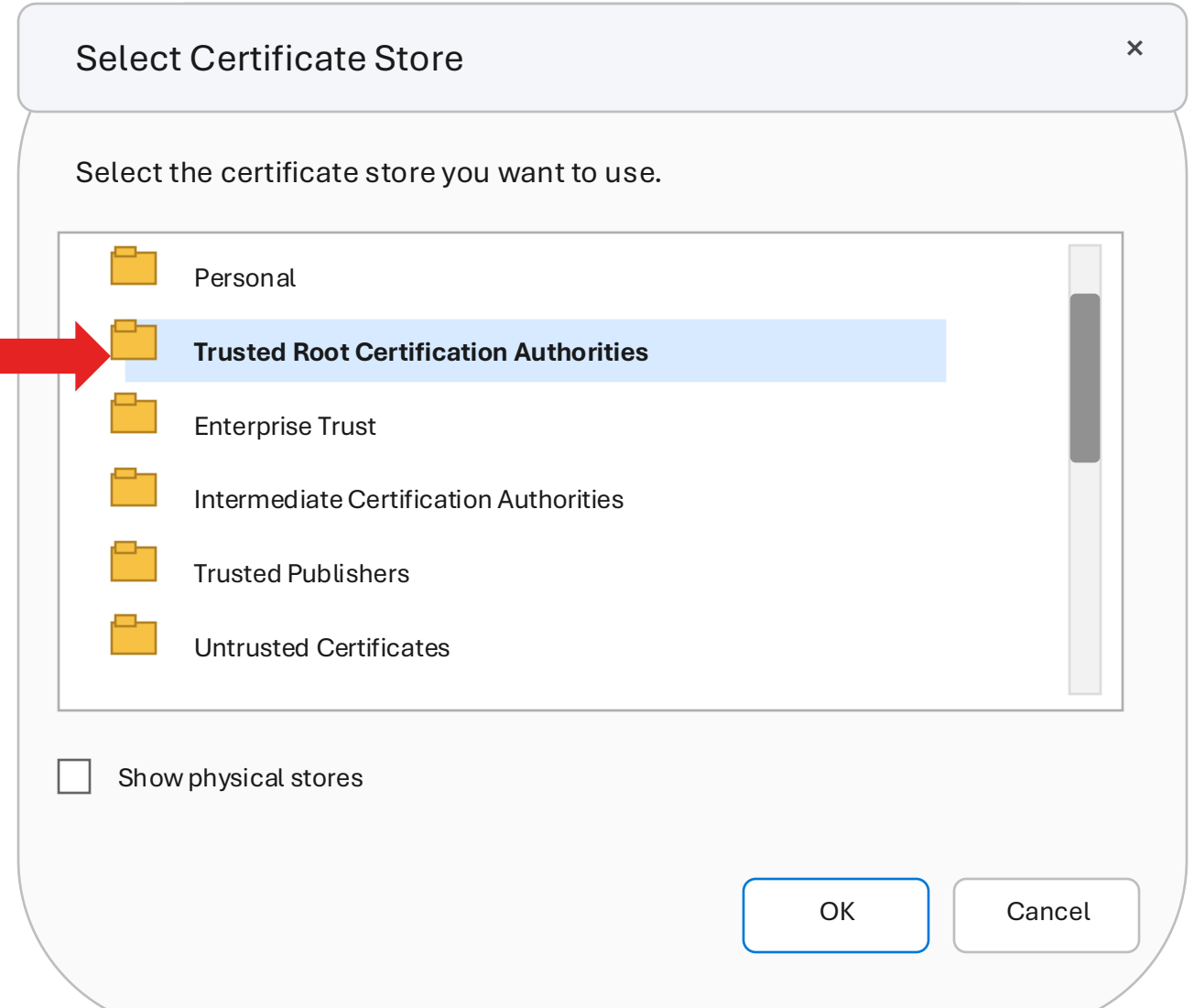
STEP 2 · INSTALL THE CERTIFICATE

Select the certificate store

In the window that opens, select “Trusted Root Certification Authorities”.

- 1 Select “Trusted Root Certification Authorities” in the list.
- 2 Click “OK” to confirm.
- 3 Return to the previous window and click “Next”.

Important: select the Trusted Root Certification Authorities store. This is where the UniBS root CA certificate must be installed.



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Check that the certificate and certificate store are correct before completing the import. Click Finish to conclude

Certificate Import Wizard

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Completing the Certificate Import Wizard

Clicking Finish will import the certificate.

Selected settings:

Certificate store selected by the user:	Trusted Root Certification Authorities
Content:	Certificate

Finish

Cancel