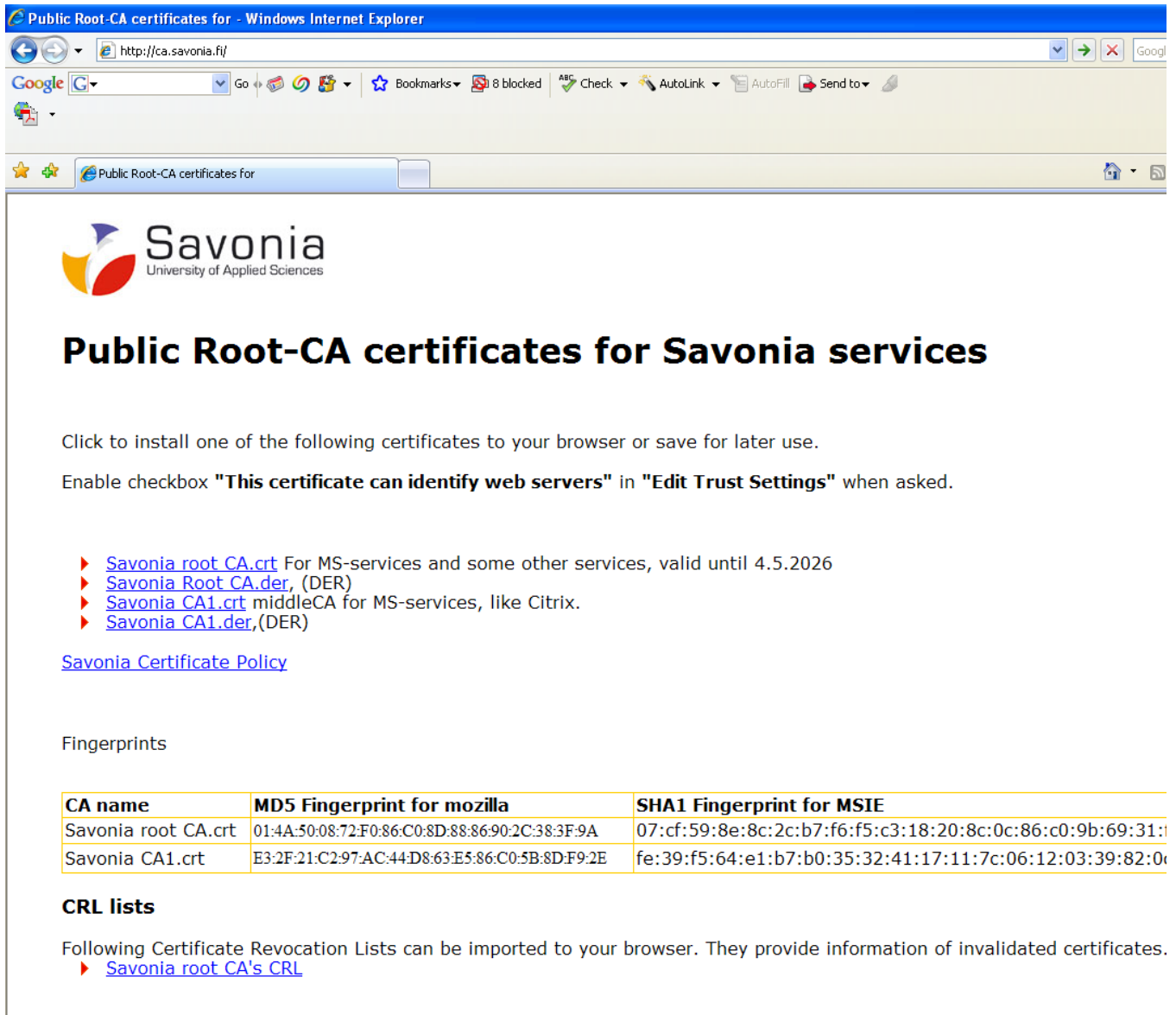


# Installing SAVONIA root-CA- ja CA1-certificates

1. Start Internet Explorer and browse to page <http://ca.savonia.fi>



The screenshot shows a Windows Internet Explorer browser window with the address bar set to <http://ca.savonia.fi/>. The page title is "Public Root-CA certificates for - Windows Internet Explorer". The main content area features the Savonia University of Applied Sciences logo and the heading "Public Root-CA certificates for Savonia services". Below the heading, there is a paragraph: "Click to install one of the following certificates to your browser or save for later use. Enable checkbox 'This certificate can identify web servers' in 'Edit Trust Settings' when asked." A list of four certificates is provided with blue arrow icons: "Savonia root CA.crt" (for MS-services, valid until 4.5.2026), "Savonia Root CA.der" (DER), "Savonia CA1.crt" (middleCA for MS-services, like Citrix), and "Savonia CA1.der" (DER). A link for "Savonia Certificate Policy" is also present. A section titled "Fingerprints" contains a table with two columns: "MD5 Fingerprint for mozilla" and "SHA1 Fingerprint for MSIE". The table lists the fingerprints for "Savonia root CA.crt" and "Savonia CA1.crt". Below the table, a section titled "CRL lists" states that Certificate Revocation Lists can be imported and provides a link for "Savonia root CA's CRL".

**Public Root-CA certificates for Savonia services**

Click to install one of the following certificates to your browser or save for later use.  
Enable checkbox "This certificate can identify web servers" in "Edit Trust Settings" when asked.

- ▶ [Savonia root CA.crt](#) For MS-services and some other services, valid until 4.5.2026
- ▶ [Savonia Root CA.der](#), (DER)
- ▶ [Savonia CA1.crt](#) middleCA for MS-services, like Citrix.
- ▶ [Savonia CA1.der](#),(DER)

[Savonia Certificate Policy](#)

Fingerprints

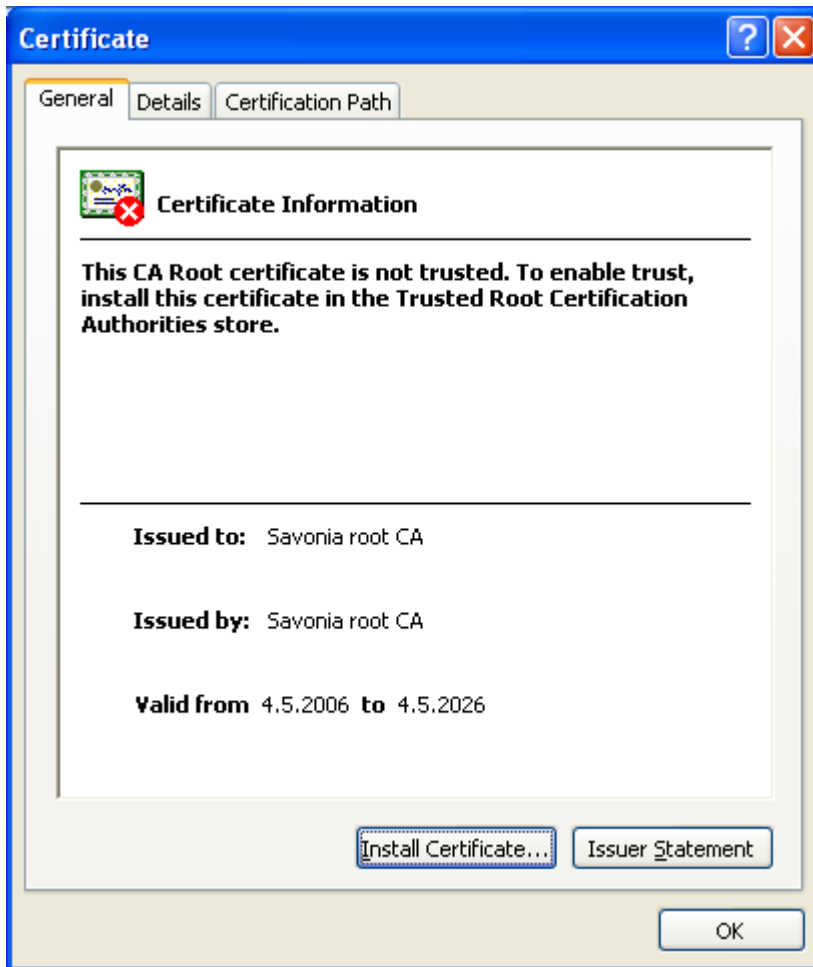
CA name	MD5 Fingerprint for mozilla	SHA1 Fingerprint for MSIE
Savonia root CA.crt	01:4A:50:08:72:F0:86:C0:8D:88:86:90:2C:38:3F:9A	07:cf:59:8e:8c:2c:b7:f6:f5:c3:18:20:8c:0c:86:c0:9b:69:31:1
Savonia CA1.crt	E3:2F:21:C2:97:AC:44:D8:63:E5:86:C0:5B:8D:F9:2E	fe:39:f5:64:e1:b7:b0:35:32:41:17:11:7c:06:12:03:39:82:0

**CRL lists**

Following Certificate Revocation Lists can be imported to your browser. They provide information of invalidated certificates.

- ▶ [Savonia root CA's CRL](#)

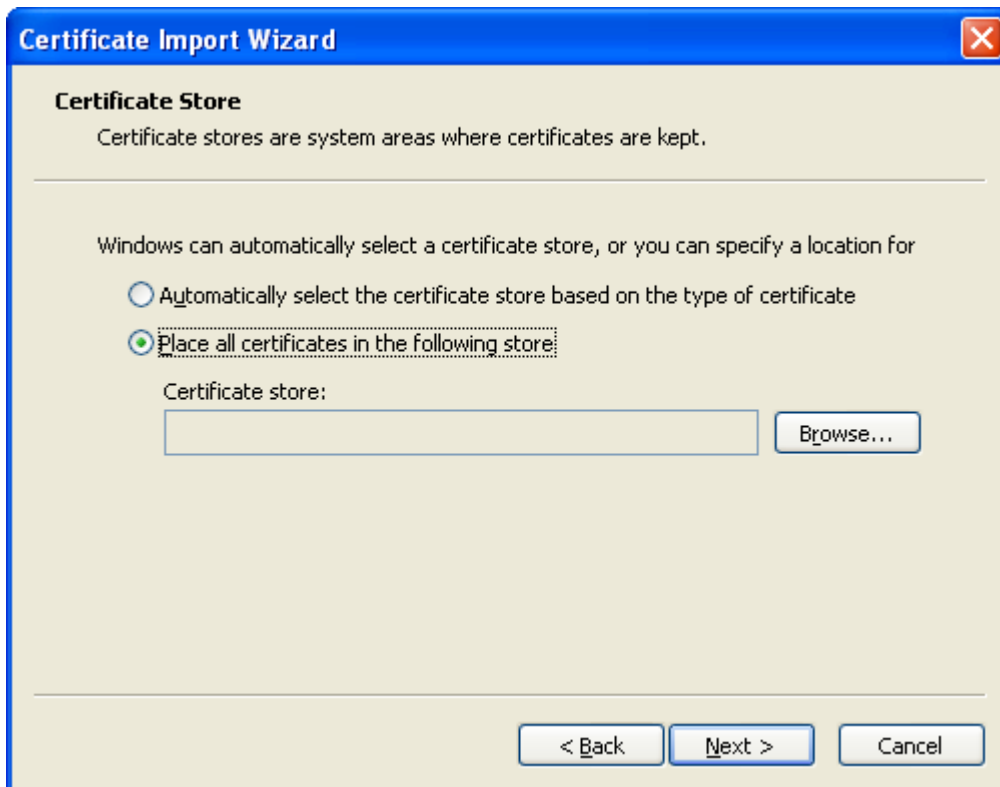
2. Click **Savonia Root CA.crt** –text.
3. Click **Open**-button.



4. Click **Install Certificate**-button.



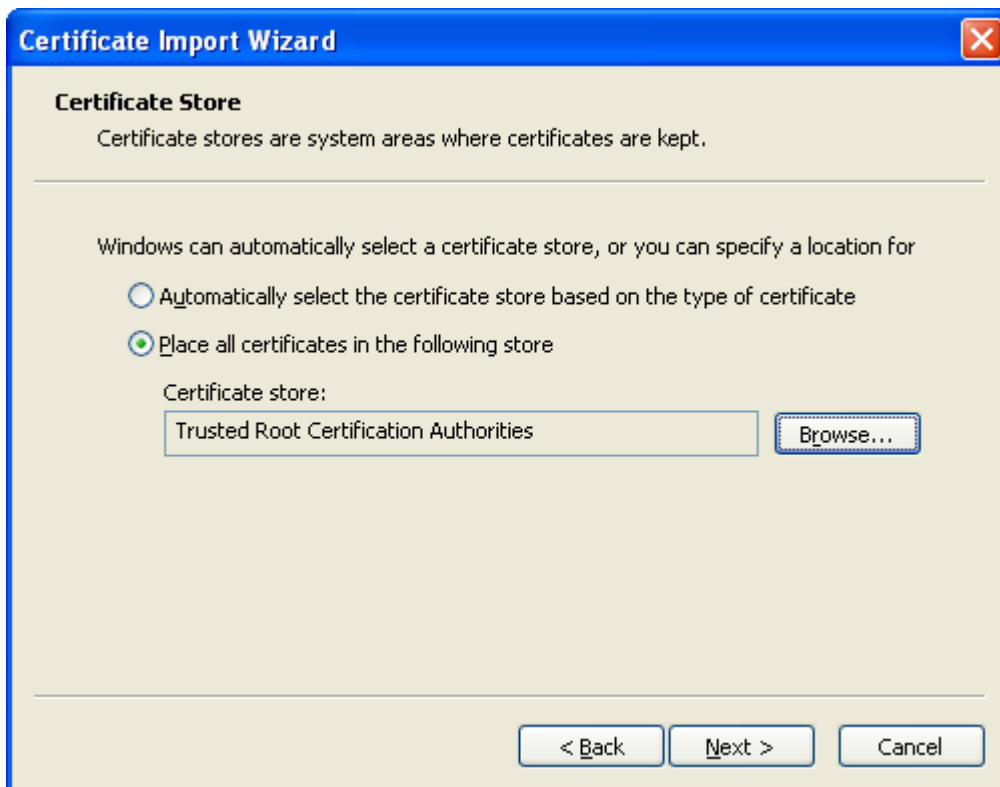
5. Click **Next**-button.



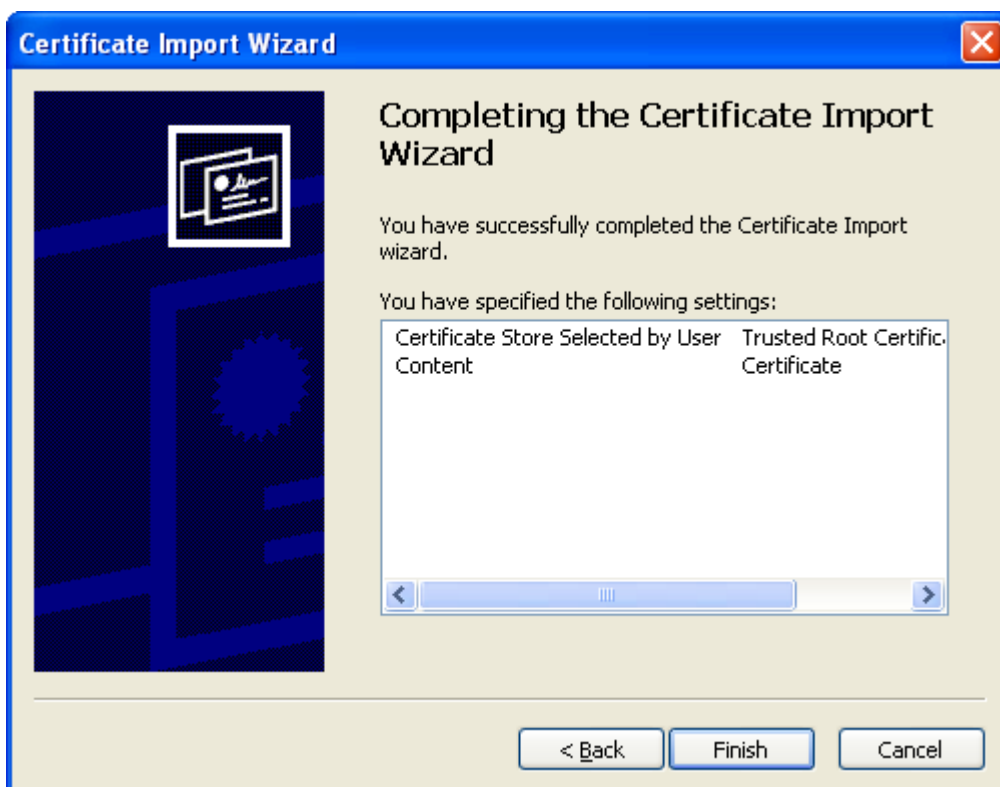
6. Click **Browse**-button.



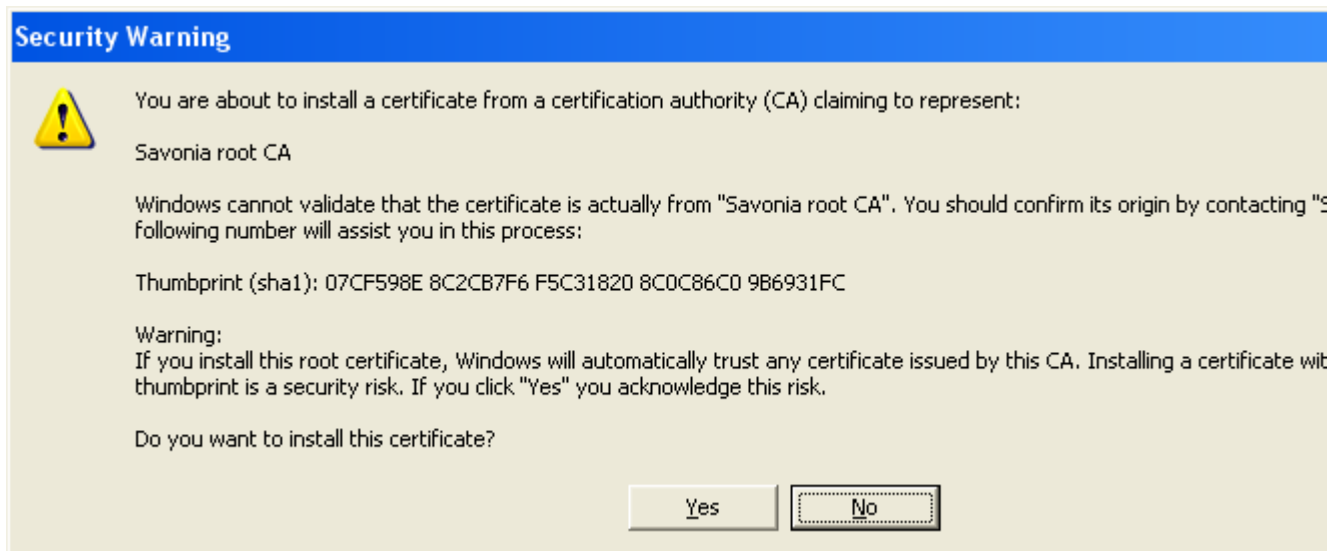
7. Click **OK**-button.



8. Click **Next**-button.



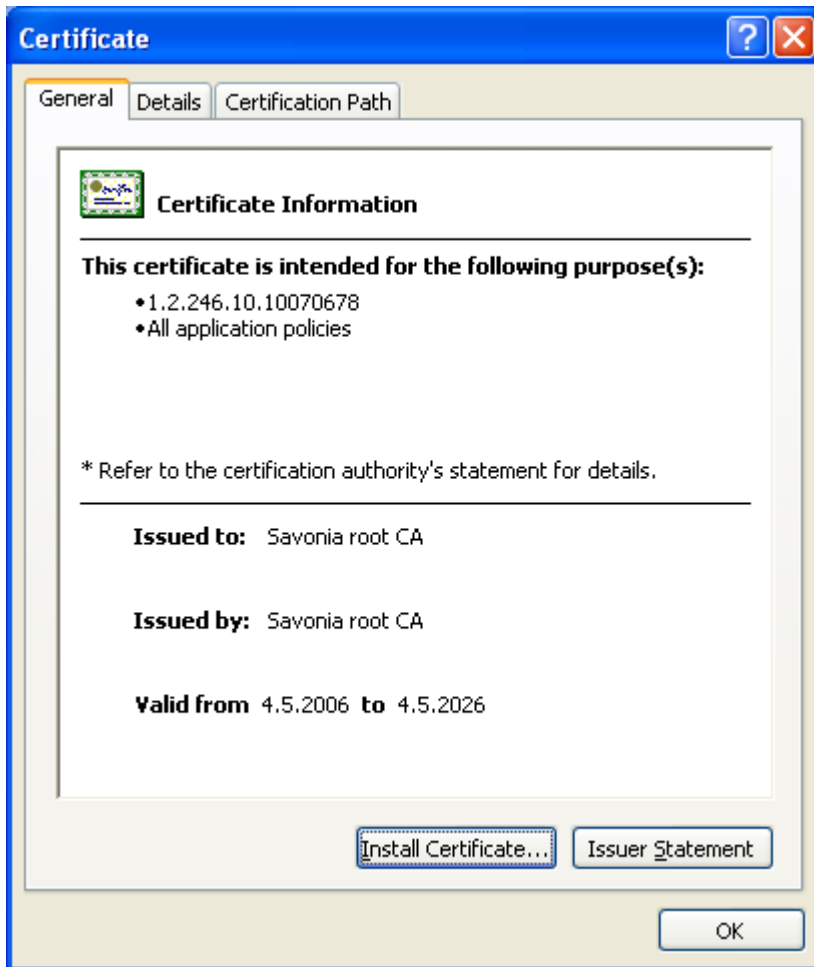
9. Click **Finish**-button.



10. Click **Yes**-button.



11. Click **OK**-button.



12. Click **OK**-button.
13. Click **Savonia CA1.crt** –text.
14. Repeat the steps 3-12 above.