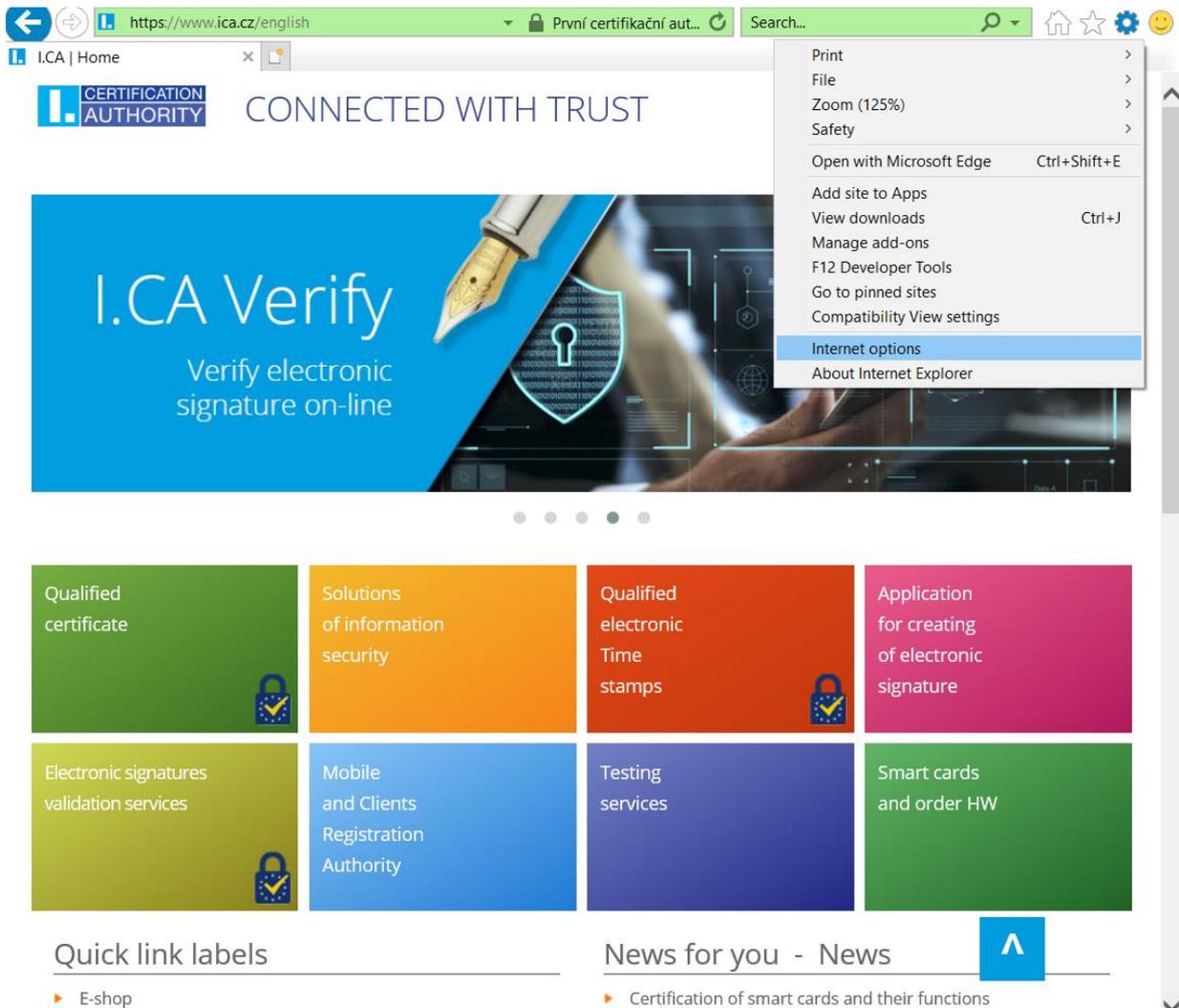


Transfer of the certificate between OS Windows (*. Pfx) to Mac OS X

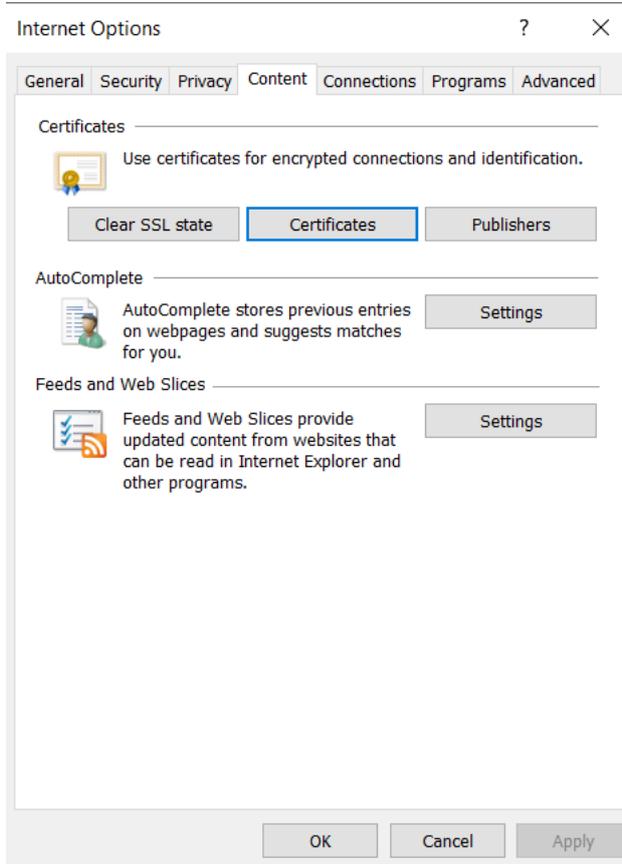
1. Export of the certificate from OS Windows

Start the Internet Explorer browser and click on the tools in upper right corner (see below). Then choose „Internet options“.

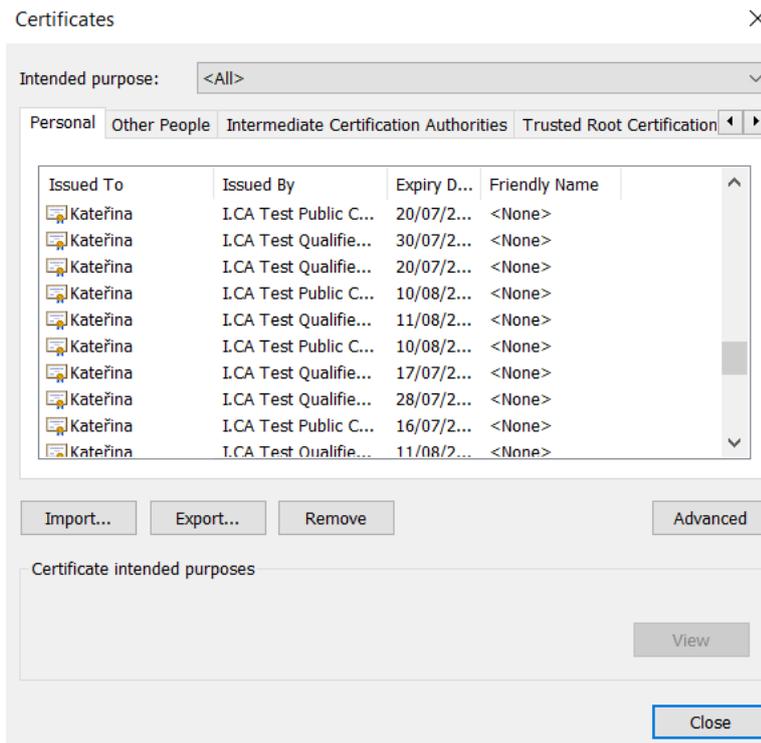


The screenshot shows the Internet Explorer browser interface. The address bar displays the URL <https://www.ica.cz/english>. The page content includes the I.CA logo and the text "CONNECTED WITH TRUST". A large banner features the text "I.CA Verify" and "Verify electronic signature on-line". Below the banner is a grid of eight service tiles: "Qualified certificate", "Solutions of information security", "Qualified electronic Time stamps", "Application for creating of electronic signature", "Electronic signatures validation services", "Mobile and Clients Registration Authority", "Testing services", and "Smart cards and order HW". At the bottom, there are "Quick link labels" (E-shop) and "News for you - News" (Certification of smart cards and their functions). The "Tools" menu is open, and "Internet options" is selected.

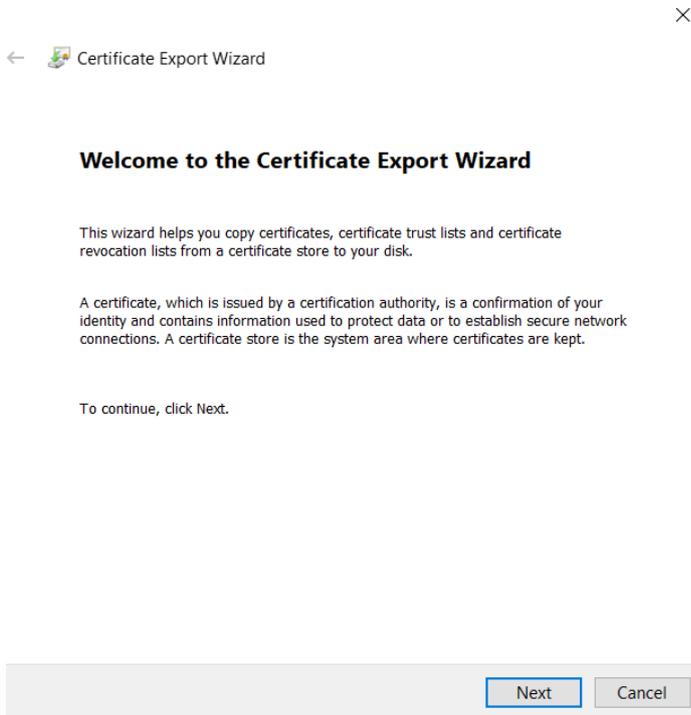
Then choose the tab **Content** and click on **Certificates** button



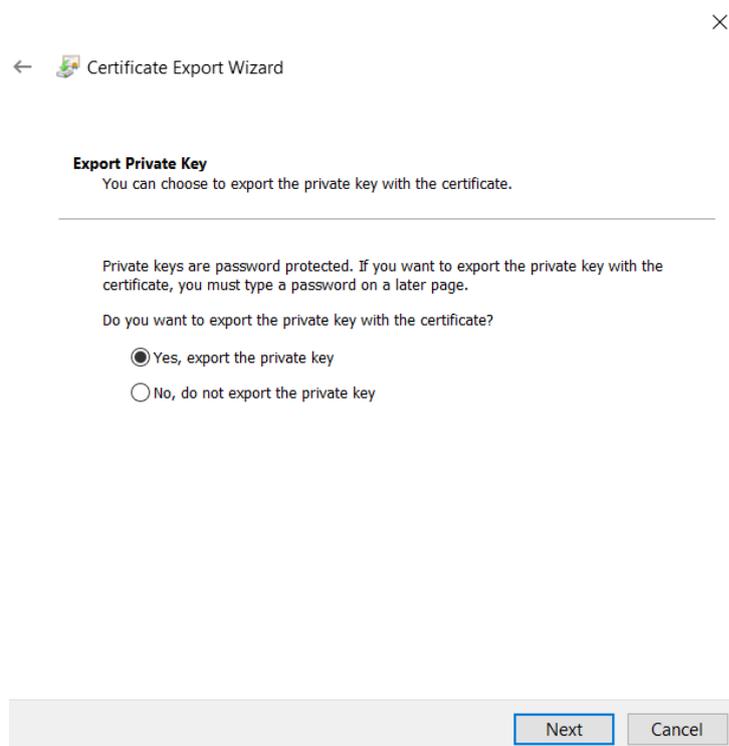
Mark the certificate which you want to back up and click on the **Export** button



In the export provider click **Next**.



Choose the option **YES, export the private key**



Keep the current set up of format **PKCS#12**.

×

←  Certificate Export Wizard

Export File Format
Certificates can be exported in a variety of file formats.

Select the format you want to use:

- DER encoded binary X.509 (.CER)
- Base-64 encoded X.509 (.CER)
- Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B)
 - Include all certificates in the certification path if possible
- Personal Information Exchange - PKCS #12 (.PFX)
 - Include all certificates in the certification path if possible
 - Delete the private key if the export is successful
 - Export all extended properties
 - Enable certificate privacy
- Microsoft Serialised Certificate Store (.SST)

Enter your password to protect your back up displayed in Windows 8, 8.1.

×

←  Certificate Export Wizard

Security
To maintain security, you must protect the private key to a security principal or by using a password.

Group or usernames (recommended)

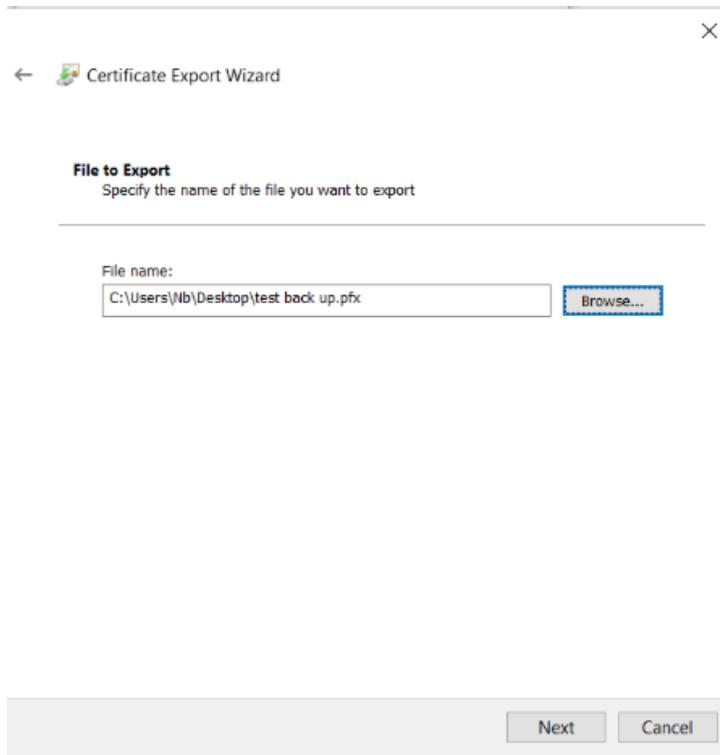
Password:

Confirm password:

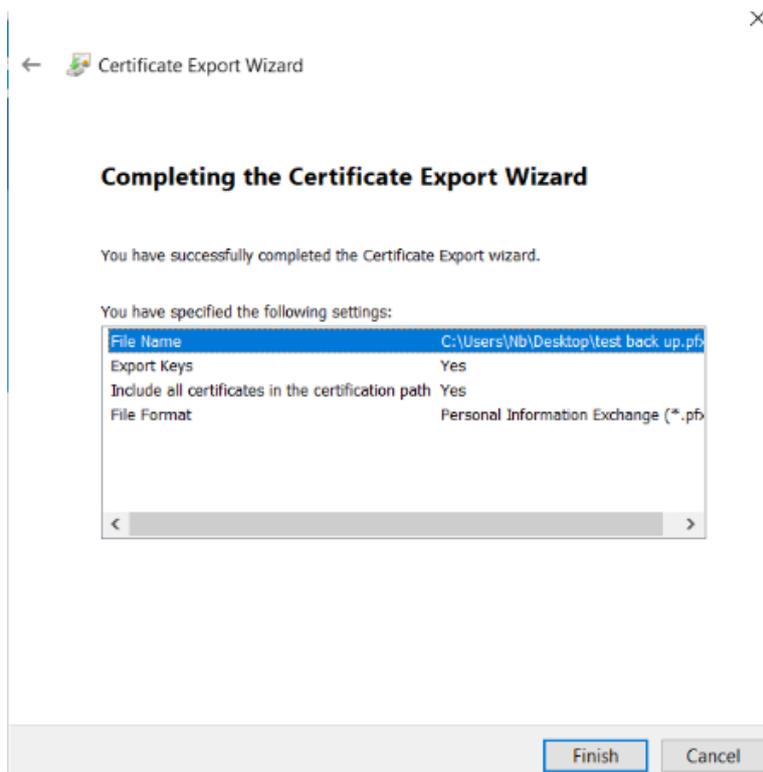
Encryption: TripleDES-SHA1 ▼

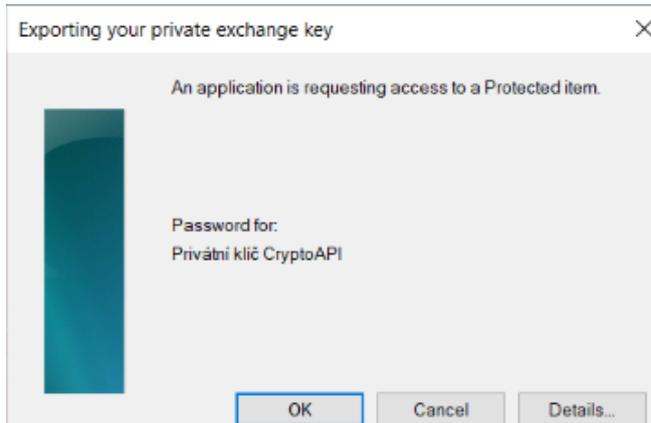
Choose the file, where the private key will be exported. Use the **Browse** button.

Continue with **Next** button



To finish export of the private key, click on **Finish**.





Certificate Export Wizard

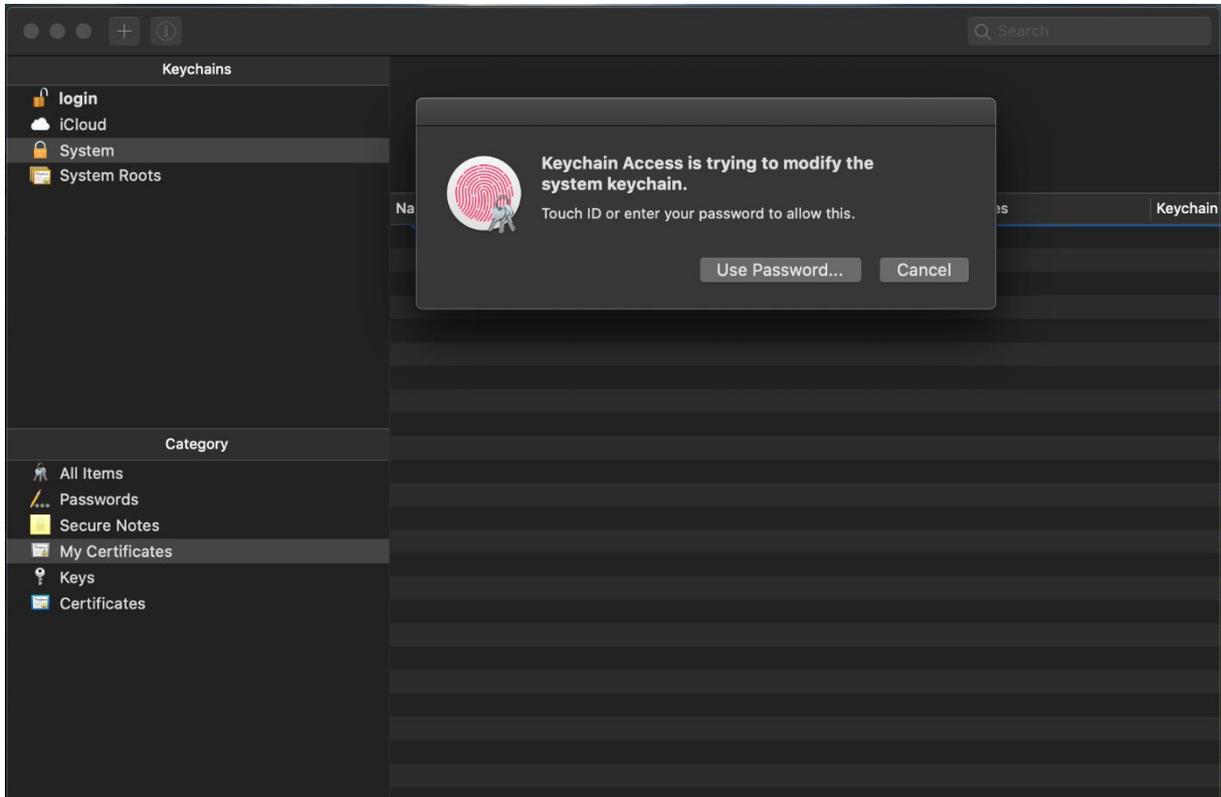
The export was successful.

OK

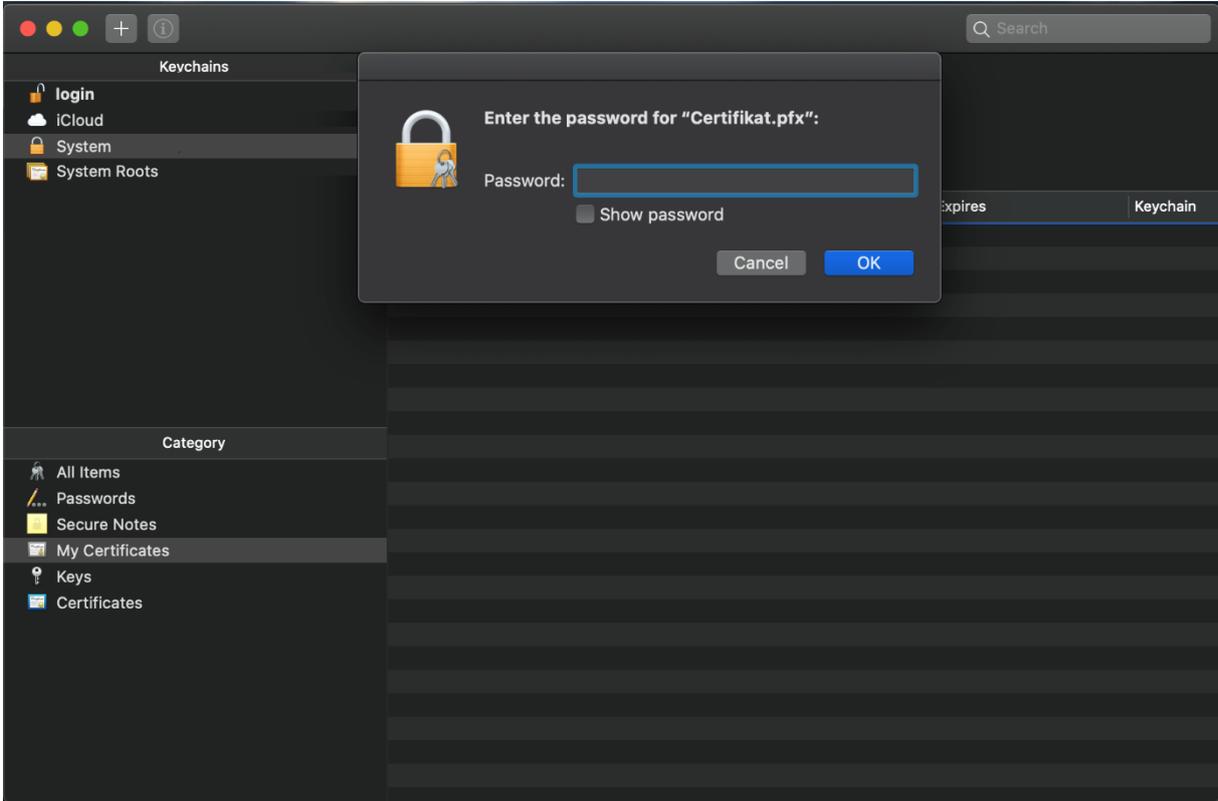
Back up containing certificate and private key is saved in chosen file now.

2. Installation on the certificate to Mac OS X

Open the *.Pfx file – **Keychain** application will be open and you will be asked for the system password.

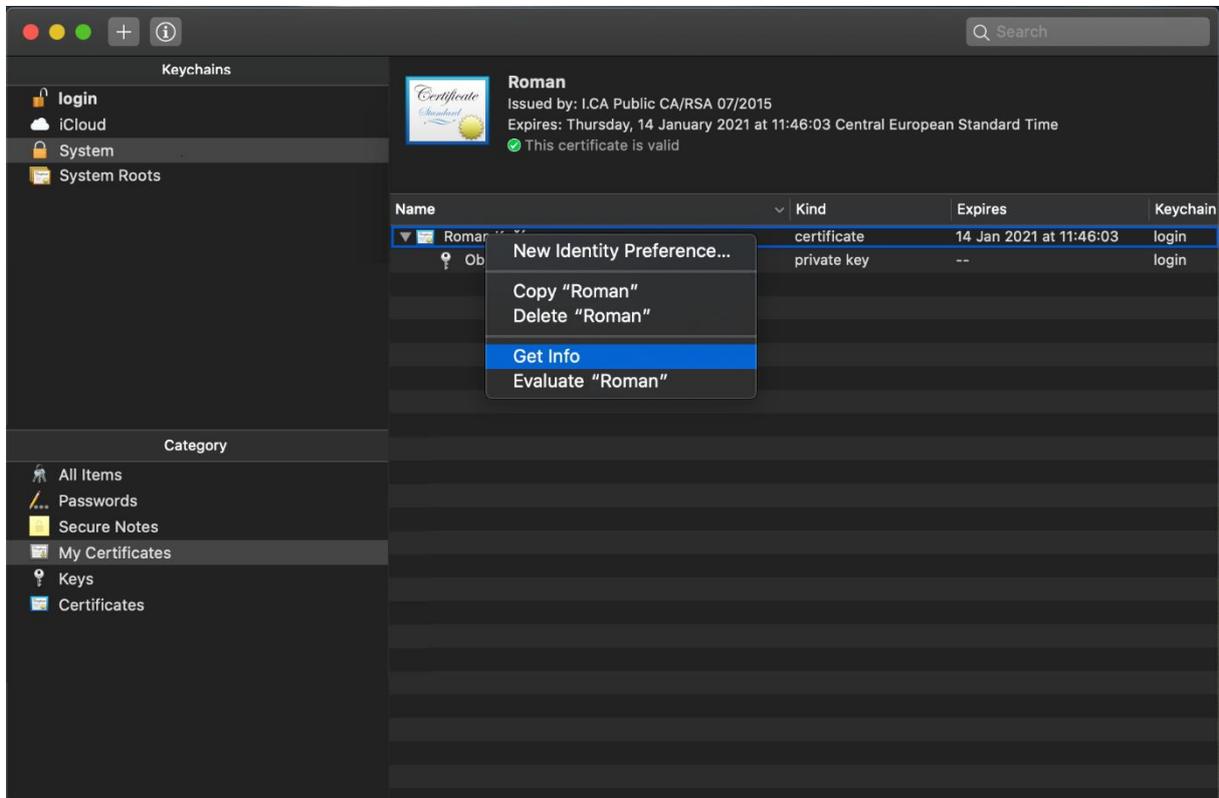


Also enter the password for *.Pfx file and press **OK**.

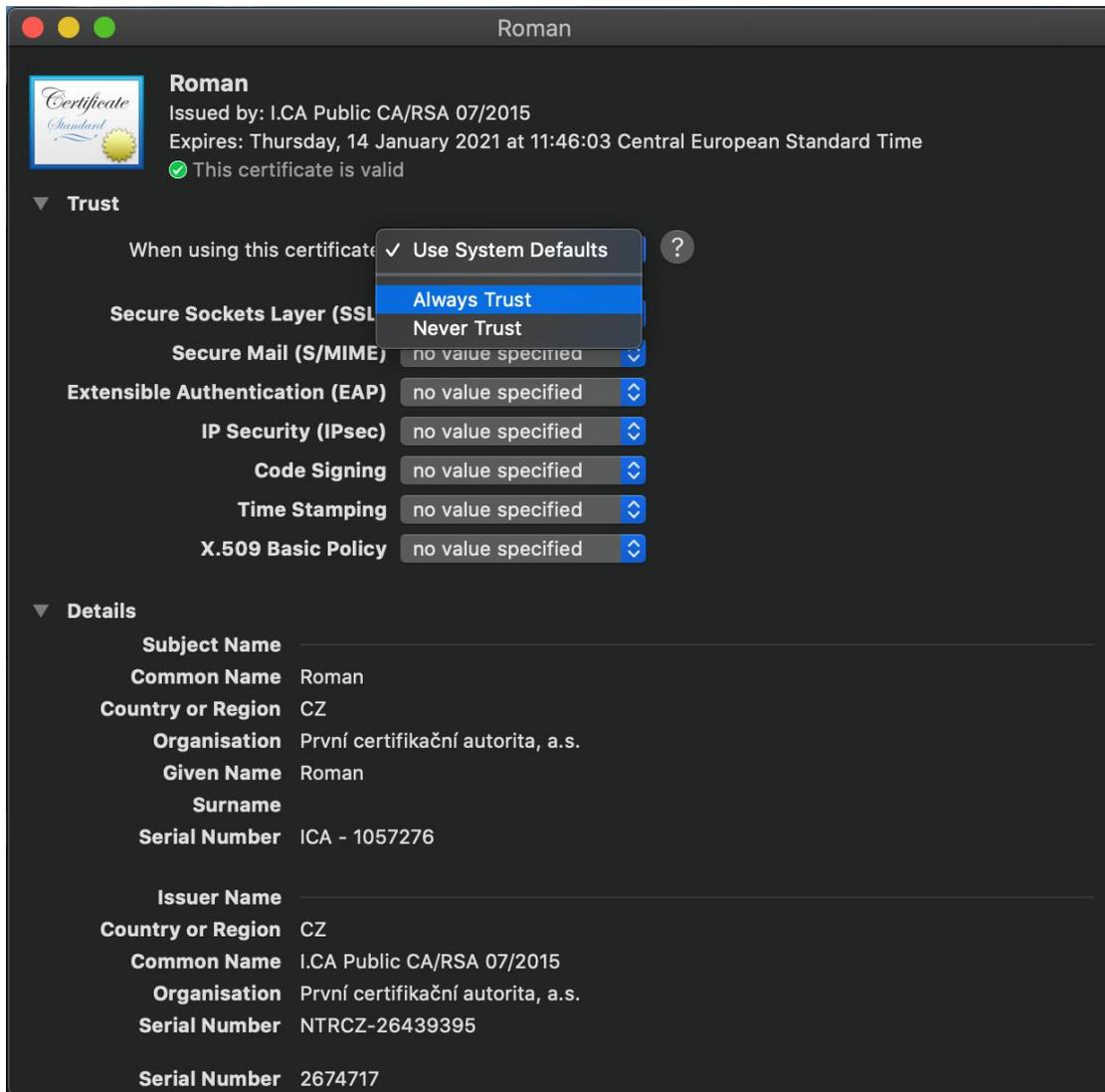


Now your certificate is installed. For maximum functionality of the certificate continue with following steps.

In the new certificate choose the option **Get info**.



In first tab “trust” choose the option “Always trust”. After closing you will be asked for the system password, to save the changes.



Now your certificate is considered as trustworthy and it is possible to use it without any complications.

