



Networks

Mendel
University
in Brno



Department
of Information
Technology

Eduroam Wi-Fi network

Manual for MS Windows 8/8.1

University information system of Mendel University in Brno

University information system of Mendel University in Brno allows the academic community, university staff and students to access a wide range of information. Many people have devoted much of their time and effort to help implement the system at the university. We will truly appreciate if you direct any problems you encounter or comments you may have to the university system. We will be able to help you or complement the information system with any relevant features. We recommend that you contact us by e-mail address Contact address.

Personal administration

- Log in to the Personal administration of UIS
- Frequently asked questions
- Where to find relevant documents

Admission procedure

- E-application form to study at MENDEL

Information about MENDEL

- Graduates
- Persons at MENDEL
- Bodies
- Validity verification of identification cards
- Phone numbers
- Thematic search
- Lecture rooms
- Awards granted
- Types of ID cards
- Basic information about the university

Faculty of Agronomy
Faculty of Forestry and Wood Technology
Faculty of Business and Economics
Faculty of Horticulture
Faculty of Regional Development and Land-Use Engineering
Institute of Lifelong Education

Networks

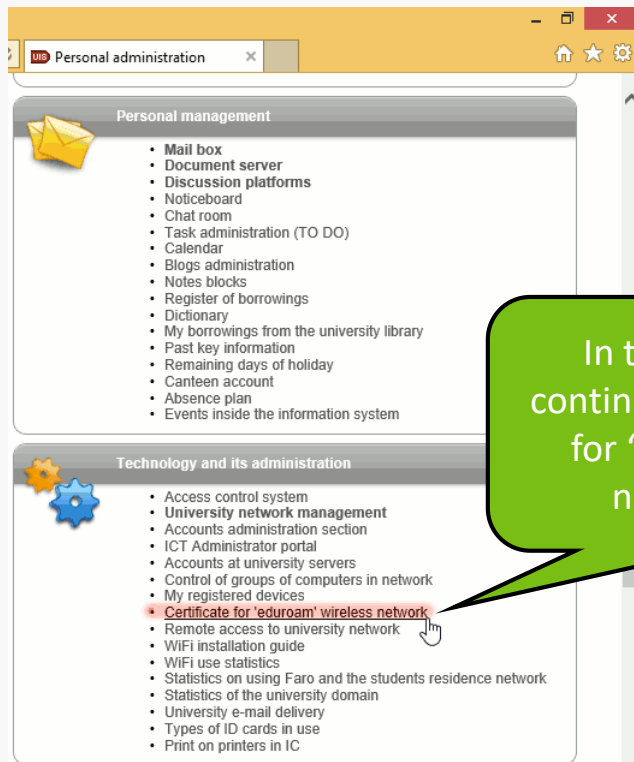
faro-free

The connection is limited

[Help me solve connection problems](#)

Close

Log in to the
is.mendelu.cz, you can
use „faro-free“ Wi-Fi to
access this page



In the is.mendelu.cz,
continue to the „Certificate
for 'eduroam' wireless
network“ section

Browser address bar: https://is.mendelu.cz/auth/wifi/certifikat.pl?_m=177;lang=en

Page header: Mendel University in Brno

Page header: Faculty of Agronomy, Faculty of Forestry and Wood Technology, Faculty of Business and Economics, Faculty of Horticulture, Faculty of Regional Development and Int, Institute of Lifelong Education

Logged in: Kamil Vávra

CERTIFICATE FOR 'EDUROAM' WIRELESS NETWORK

Use this application to generate and receive a user certificate for WiFi network. To generate a new certificate. The very access to eduroam network is conditioned by the register of your accounts in the computer network central management at our university.

You can generate a new certificate for user **qqvavra2** valid for 6 months from the moment of generation.

A certificate of 06. 10. 2014 exists at the moment which you can download using this application.

To install user certificate use the password **7viK74ku**

- Download basic user certificate PKCS#12 (or PFX)(application: MS Windows->WiFi)
- Download user certificate DER PKCS#12 (application: Linux->WiFi)
- Download user certificate PEM PKCS#12 (application: Linux->WiFi)
- Download user certificate PEM PKCS#7 (application: iPaq->WiFi)
- Download root certificate PKCS#12 of certificate authority (application: MS Windows->certificate verification)
- Download root certificate PKCS#12 of certificate authority (application: Linux->certificate verification)
- Download installation pack for Windows Mobile 2003

Generate a new certificate and start with downloading: „root certificate for MS Windows“

Logged in: Kamil Vávra

@ 0 messages 775 documents 0 tasks

CERTIFICATE FOR 'EDUROAM' WIRE

Use this application to generate and receive
generate a new certificate. The very access
register of your accounts in the computer ne

You can generate a new certificate for user qqv

Generate certificate

A certificate of 06. 10. 2014 exists at the momen

To install user certificate use the password 7vik

- Download basic user certificate PKCS#1
- Download user certificate DER PKCS#1
- Download user certificate PEM PKCS#1
- Download user certificate PEM PKCS#1
- Download root certificate PKCS#1
- Download root certificate PKCS#1
- Download installation pack for W

Open File - Security Warning

Do you want to open this file?



Name: ...Microsoft\Windows\INetCache\IE\126A20WK\root.der

Publisher: **Unknown Publisher**

Type: Security Certificate

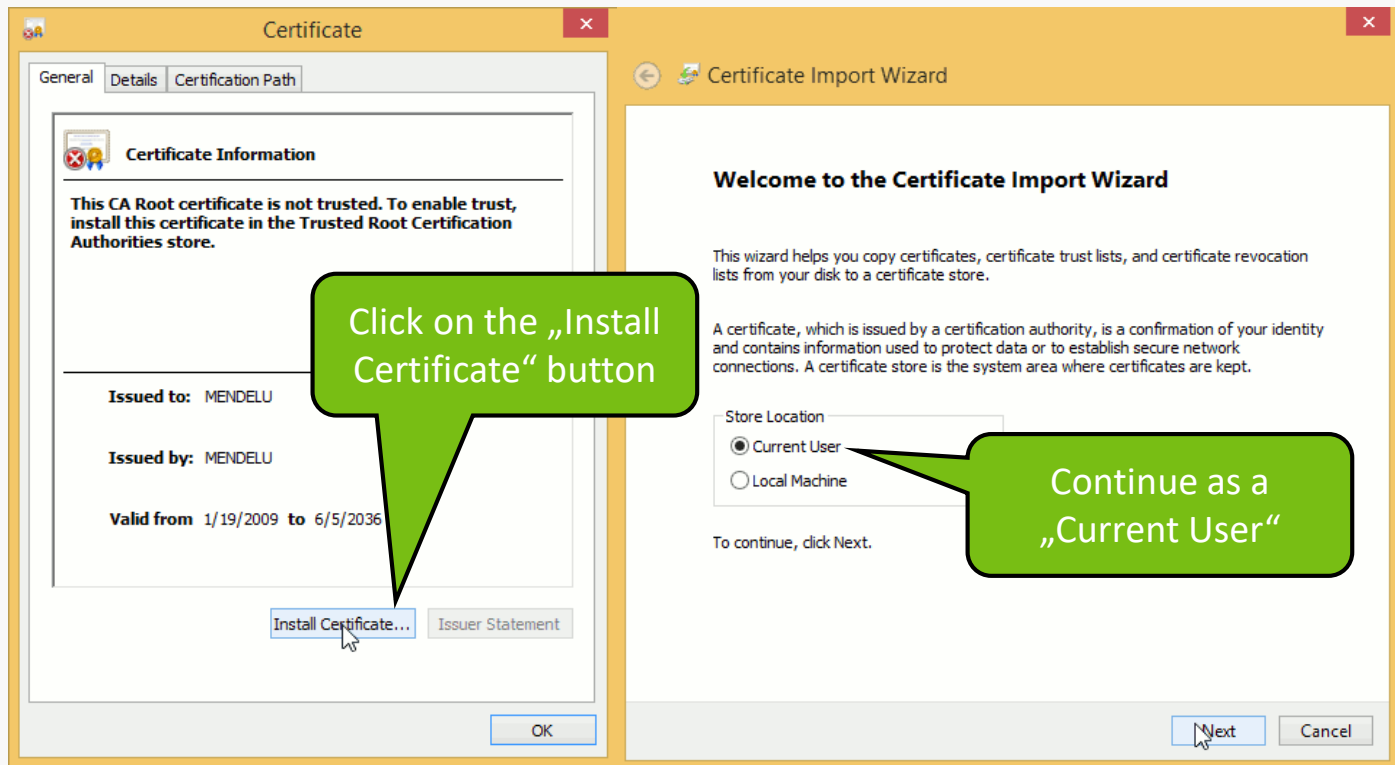
From: C:\Users\test\AppData\Local\Microsoft\Windows\INet...

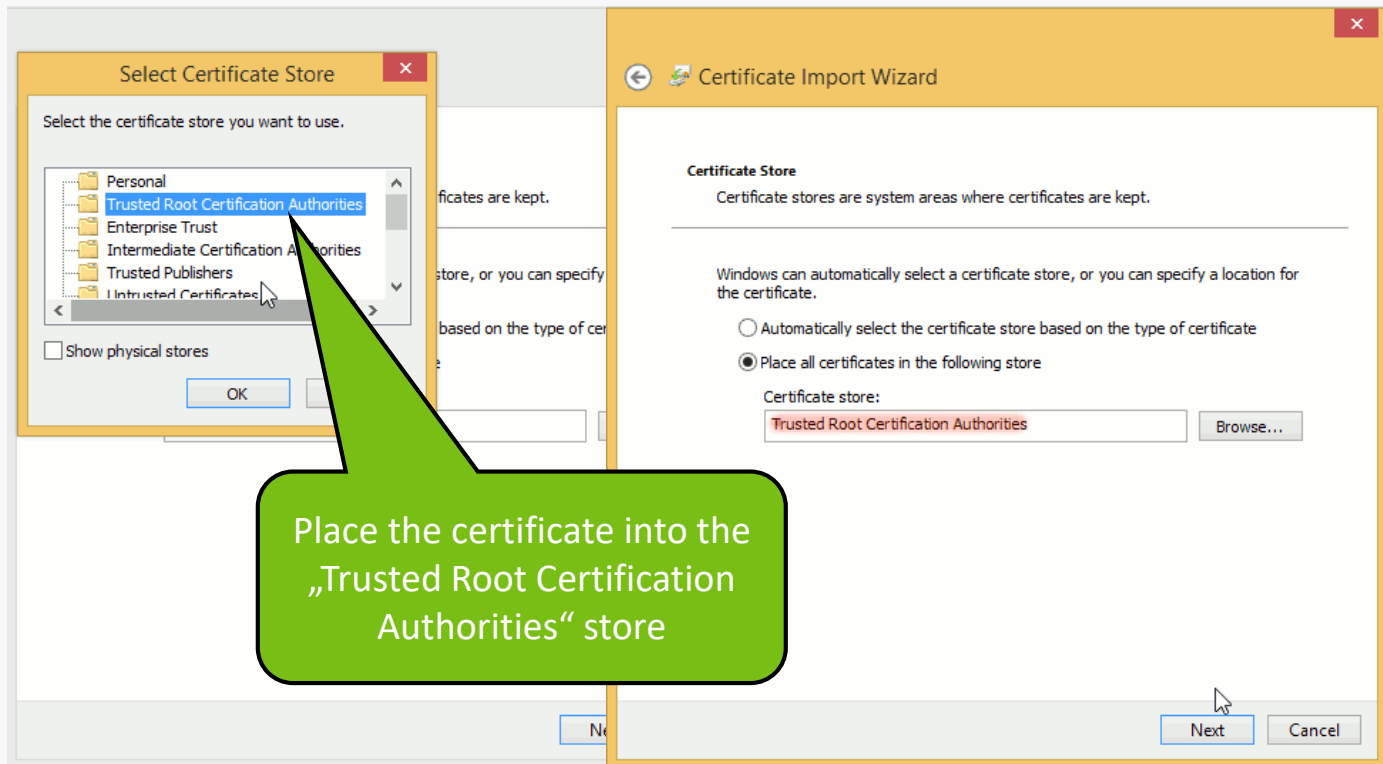
Open

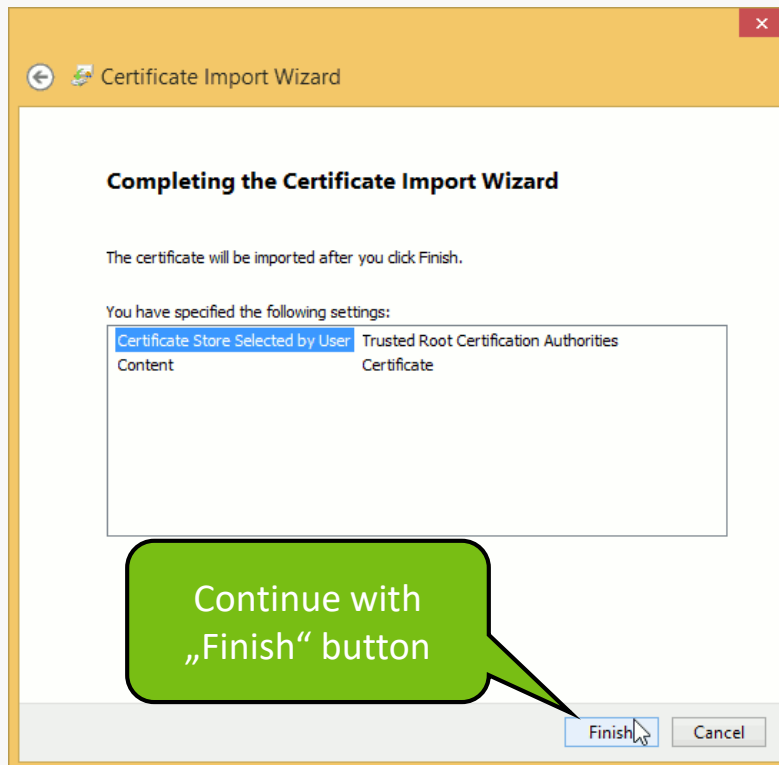
Cancel

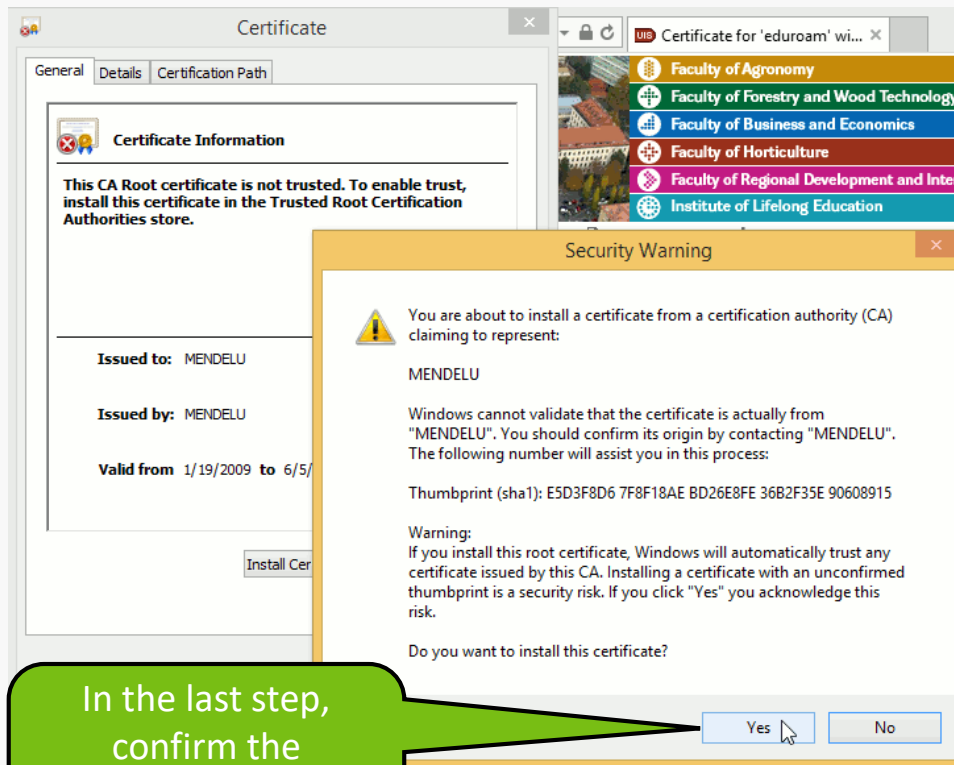
Open the
downloaded root
certificate

Internet can be useful, this file type can potentially
er. If you do not trust the source, do not open this
[see risk?](#)

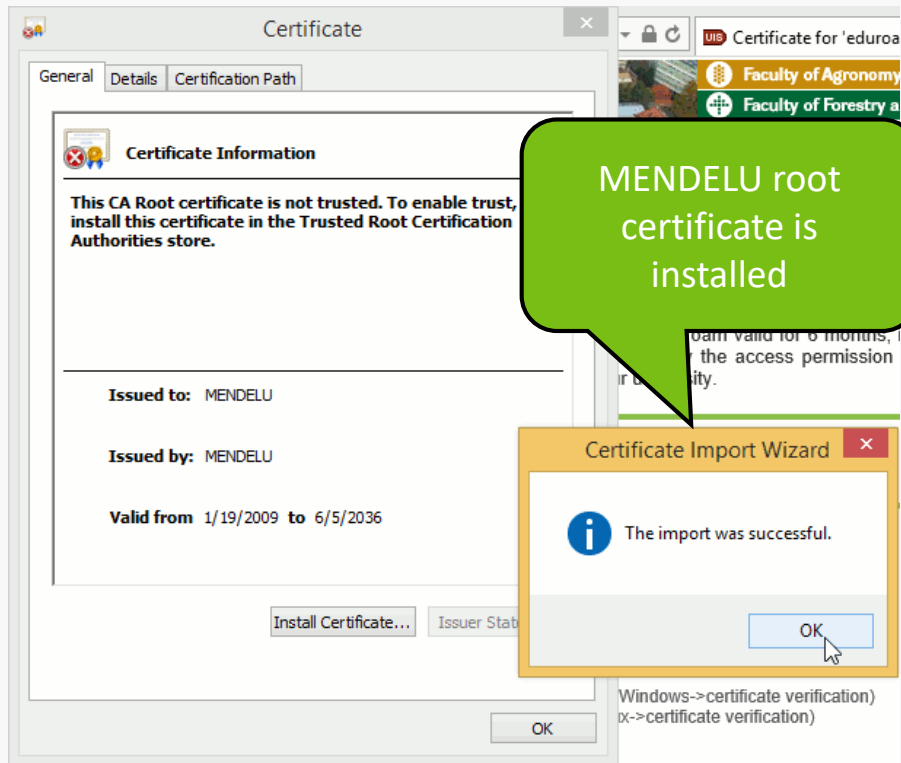








In the last step,
confirm the
installation with
„YES“ button





CERTIFICATE FOR 'EDUROAM' WIRELESS NETWORK

Use this application to generate and receive a user certificate for WiFi network eduroam valid for 6 months, i.e. generate a new certificate. The very access to eduroam network is managed by the central manager of your accounts in the computer network central manager.

You can generate a new certificate for user **qqvavra2** valid for 6 months.

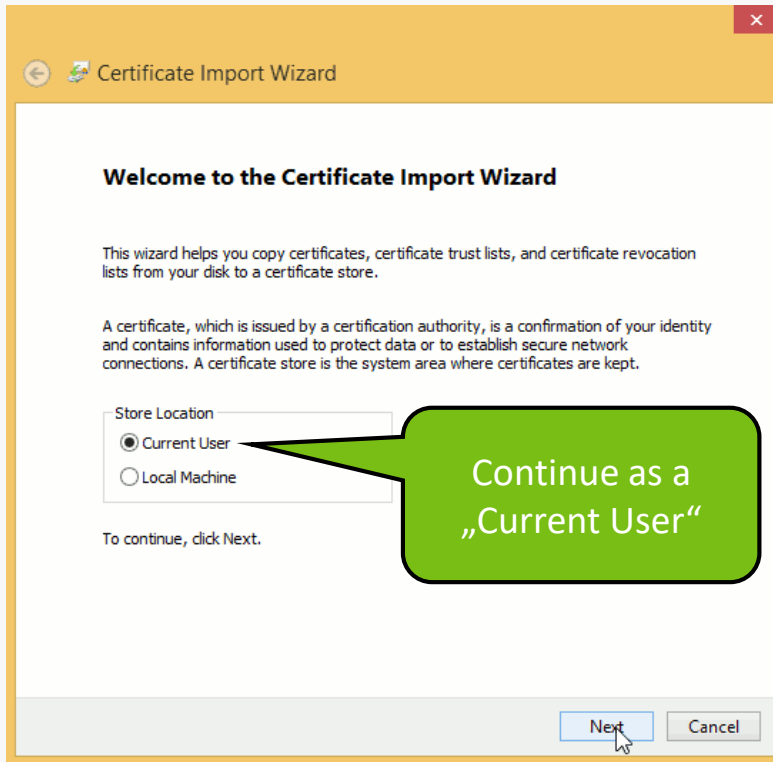
Generate certificate

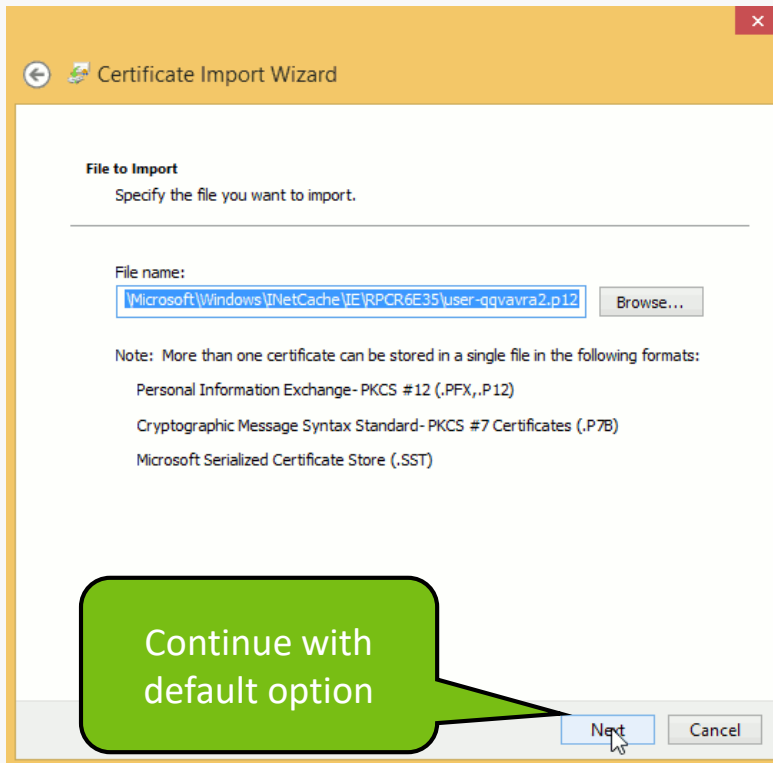
A certificate of 06. 10. 2014 exists at the moment which you can download using this application.



To install user certificate use the password **7viK74ku**

- Download basic user certificate PKCS#12 (or PFX)(application: MS Windows->WiFi)
- Download user certificate DER PKCS#12 (application: Linux->WiFi)
- Download user certificate PEM PKCS#12 (application: Linux->WiFi)
- Download user certificate PEM PKCS#7 (application: iPaq->WiFi)
- Download root certificate PKCS#12 of certificate authority (application: MS Windows->certificate verification)
- Download root certificate PKCS#12 of certificate authority (application: Linux->certificate verification)
- Download installation pack for Windows Mobile 2003

Now download „basic user certificate for MS Windows“. You will need a password for installation.





 Certificate Import Wizard

Private key protection

To maintain security, the private key was protected with a password.

Type the password for the private key.

Password:

7vik74ku

☒ Display Password

Import options:

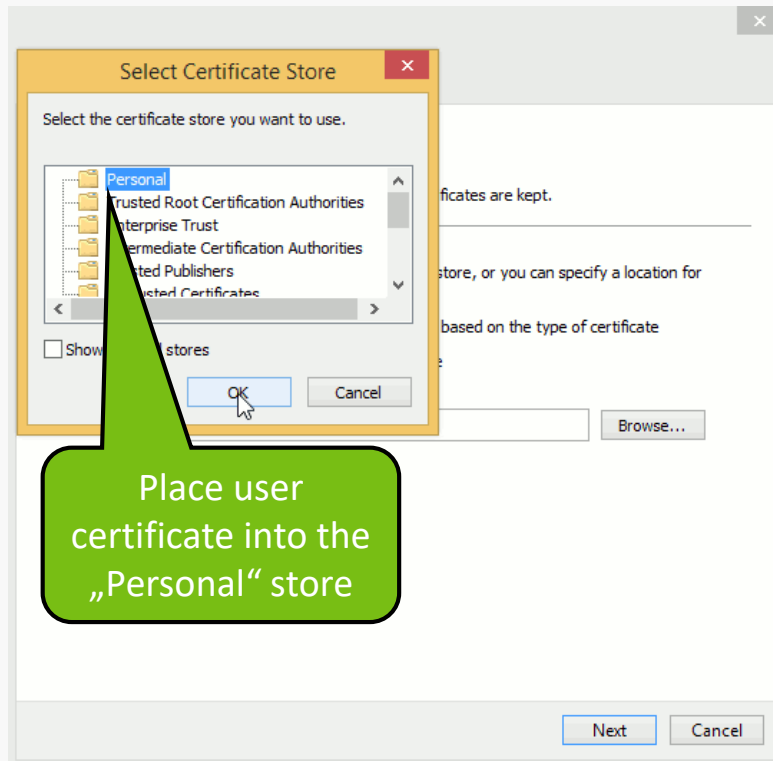
☐ Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.

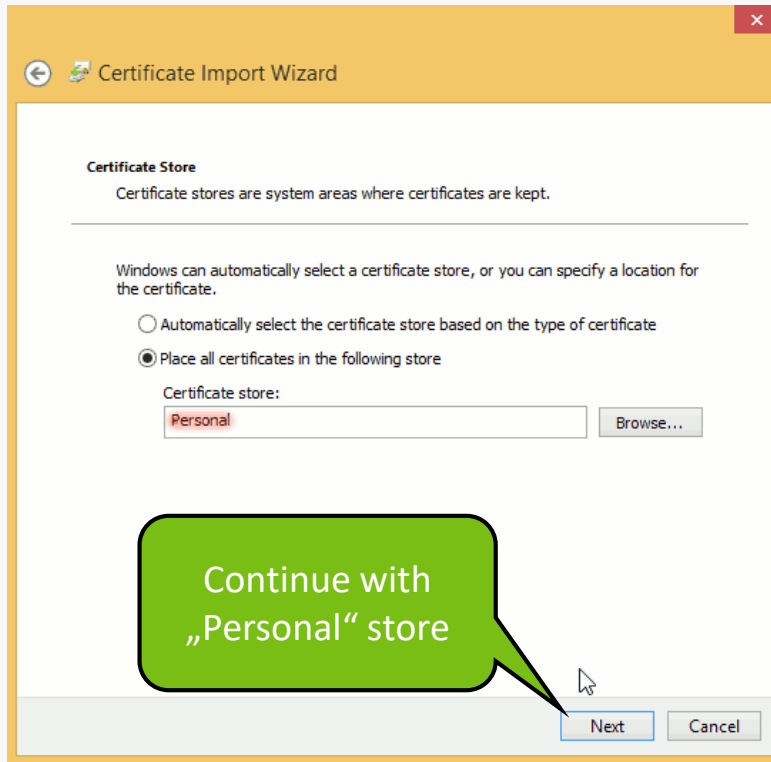
☐ Mark this key as exportable. This will allow you to back up or transport your keys at a later time.

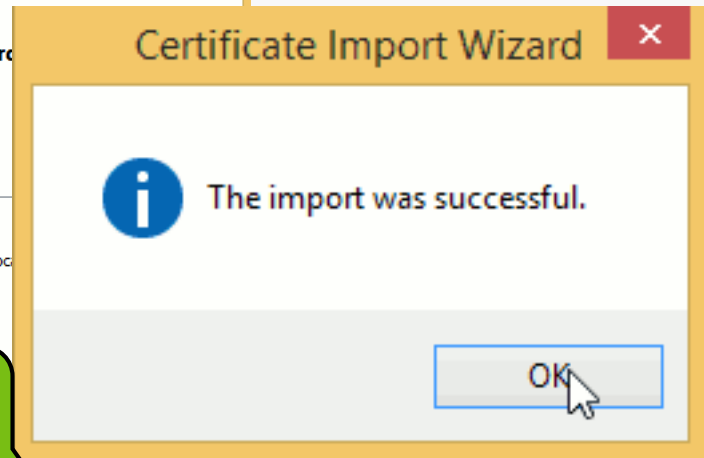
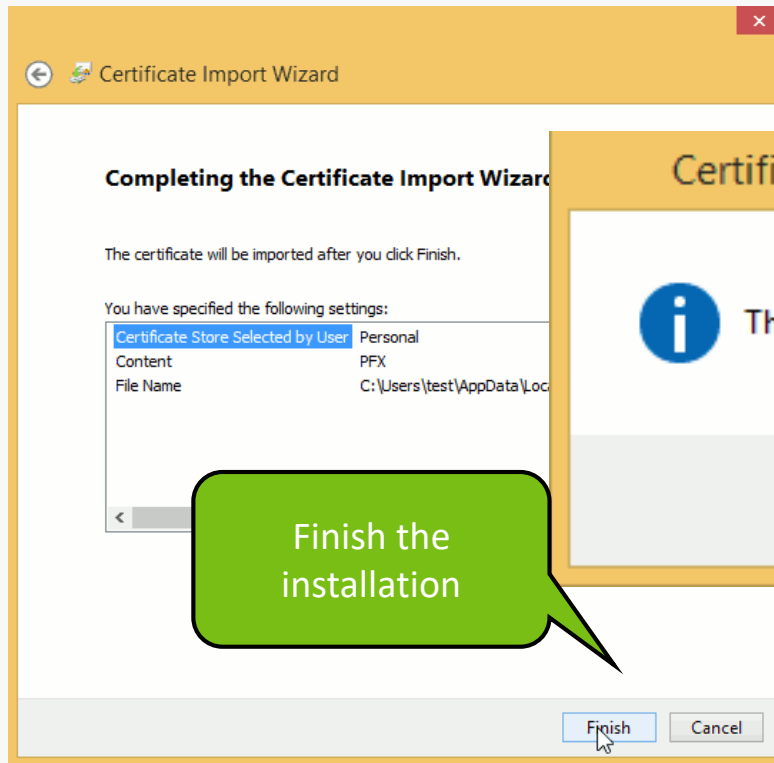
☒ Include all extended properties.

Next

Cancel







Right click on the
„internet connection“
icon and open the
„Network and Sharing
Center“

Windows 8.1 Enterprise

Troubleshoot problems

Open Network and Sharing Center

2/26/2015

Network and Sharing Center

Network and Internet > Network and Sharing Center

Search Control Panel

View your basic network information and set up connections

View your active networks

faro-free

Public network

Access type: No Internet access

Connections:  Wi-Fi 2 (faro-free)

Change your networking settings



[Set up a new connection or network](#)

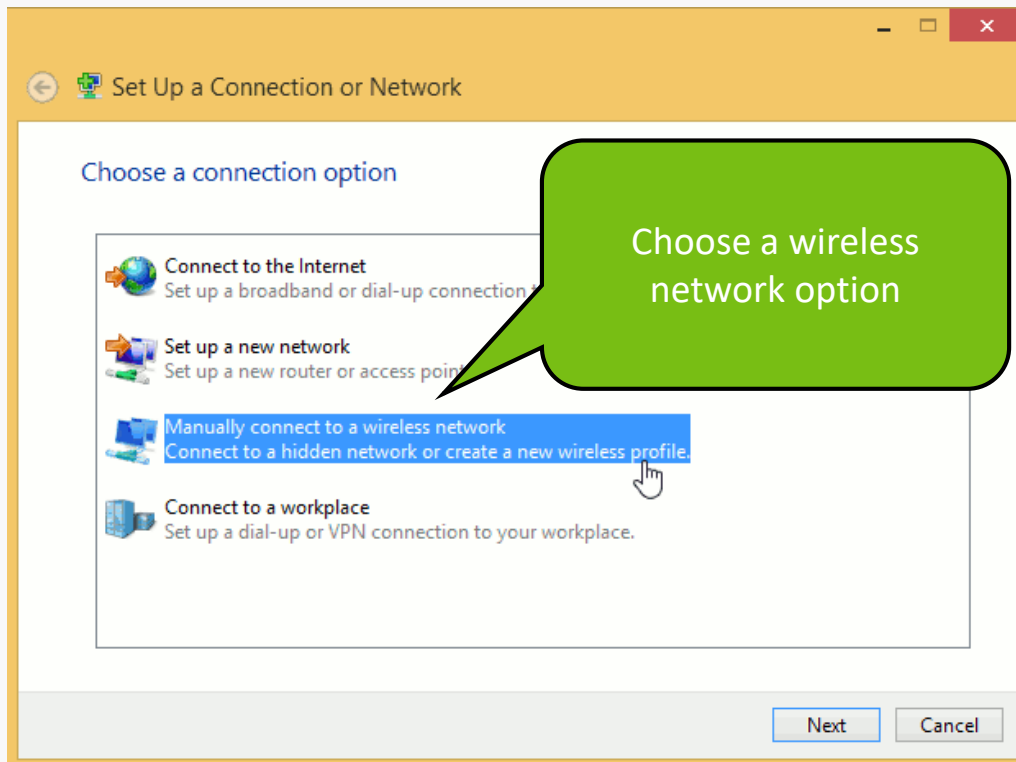
Set up a broadband, dial-up, or VPN connection;



[Troubleshoot problems](#)

Diagnose and repair network problems, or get troubleshooting information.

Click on the „Set up a new connection or network“ option



←  Manually connect to a wireless network

Enter information for the wireless network

Network name:

Security type:

Encryption type:

Security Key: ☐ Hide characters

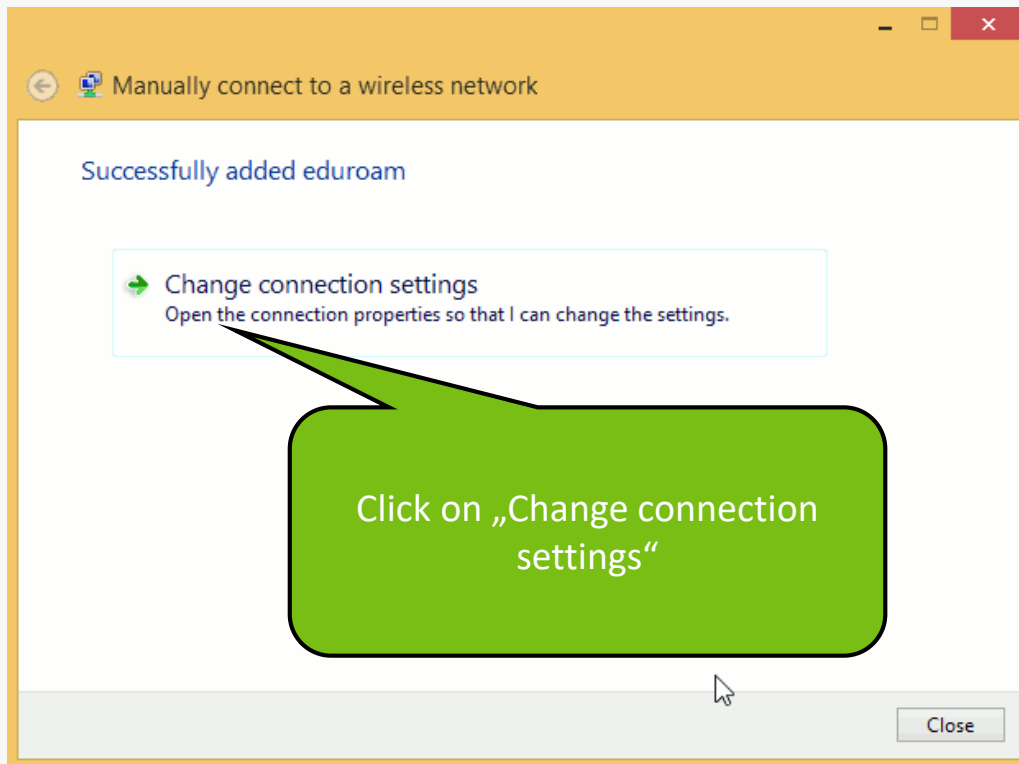
☒ Start this connection automatically

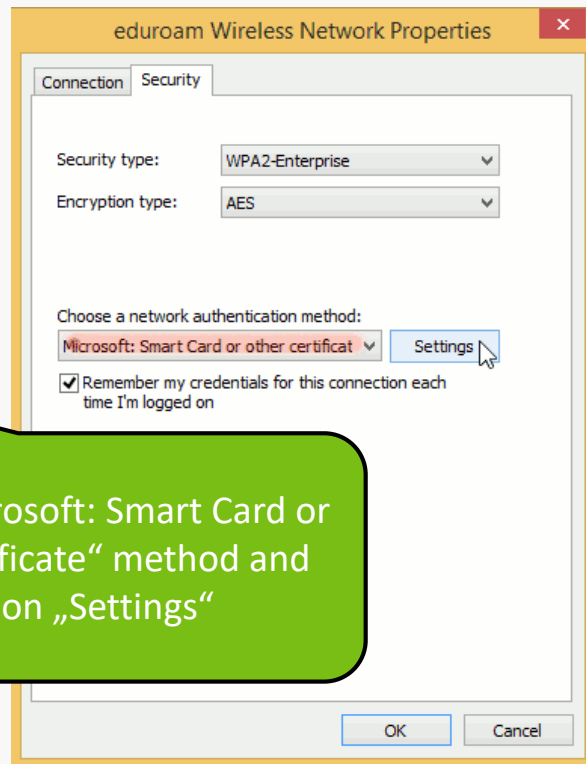
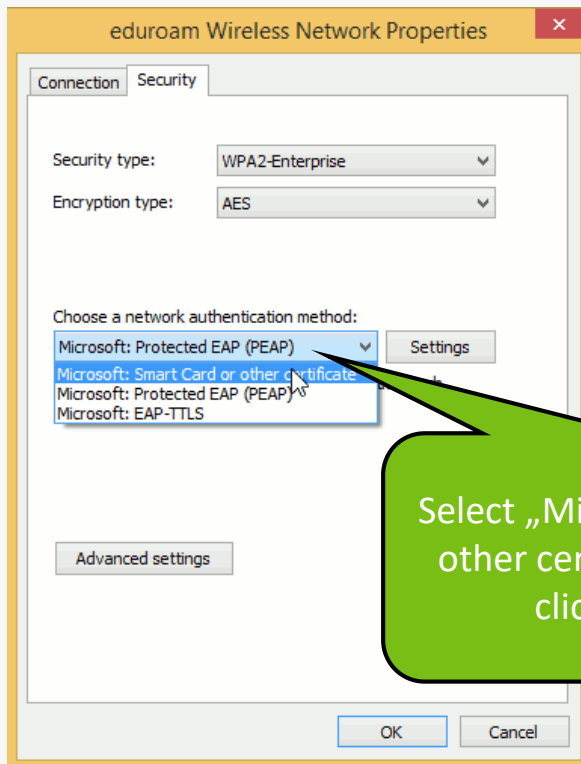
☒ Connect even if the network is not broadcasting

Warning: If you select this option, your computer's privacy might be at risk.

Next Cancel

Network name: eduroam
Security type: WPA2-Enterprise
Encryption type: AES





Select „Microsoft: Smart Card or other certificate“ method and click on „Settings“

Smart Card or other Certificate Properties

When connecting:

☐ Use my smart card

☒ Use a certificate on this computer

☒ Use simple certificate selection (Recommended)

☒ Verify the server's identity by validating the certificate

☐ Connect to these servers (examples: srv1;srv2;*.srv3.com):

Trusted Root Certification Authorities:

- ☐ Add Trust: External CA Root
- ☐ Baltimore CyberTrust Root
- ☐ Class 3 Public Primary Certification Authority
- ☐ DigiCert High Assurance EV Root CA
- ☐ Equifax Secure Certificate Authority
- ☐ GlobalSign Root CA
- ☐ GTE CyberTrust Global Root
- ☒ MENDELU

View Certificate

☐ Don't prompt user to authorize new servers or trusted certification authorities.

☐ Use a different user name for the connection

OK Cancel

And check the
„MENDELU“
root certificate

eduroam Wireless Network Properties

Connection Security

Security type: WPA2-Enterprise

Encryption type: AES

Choose a network authentication method:

Microsoft: Smart Card or other certificat Settings

☒ Remember my credentials for this connection each time I'm logged on

Advanced settings

OK Cancel


Now you have configured
certificates for connecting
to the eduroam Wi-Fi
network

Networks

View Connection Settings

Wi-Fi 2

 faro-free
Limited

 eduroam

☒ Connect automatically

Connect

Search Control Pa


o connections

s type: Internet
ctions:  Wi-Fi 2 (ed

Networks

View Connection Settings

Wi-Fi 2

 eduroam
Connected

 faro-free

You should be connected
without any problems.



Manual by

Department of Information Technology

MENDELU