Manual Configuration of the eduroam Wireless Network in Windows 11/10/8.1/8/7 OS

Warning: Use this tutorial only if the configuration using the automatic eduroam CAT application does not work due to older versions of Win OS.

- 1. Connect to the TUNET-guest wireless network.
- Download the wifica.uvt.tuke.sk digital certificate (der format) for the eduroam network from the following page: <u>https://uvt.tuke.sk/wps/portal/uv/sluzby/bezdrotove-siete-wifi-na-tuke/priruckapouzivatela-bezdrotovej-siete-eduroam</u>
- 3. Double-click to start the certificate installation and click **Open**.

Open File -	Security Warn	ing		×
Do you	want to open	this file?		
	Name:	C:\Eduroam\wifica.u	vt.tuke.sk.der	
	Publisher:	Unknown Publisher		
	Type:	Security Certificate		
	From:	C:\Eduroam\wifica.u	vt.tuke.sk.der	
			Open	Cancel
🗹 Alway	ys ask before o	ppening this file		
	While files fr harm your co software. <u>Wł</u>	om the Internet can b omputer. If you do no <u>nat's the risk?</u>	e useful, this file typ t trust the source, d	e can potentially o not open this

4. Install Certificate and OK.

🐖 Certificate	\times
General Details Certification Path	
Certificate Information	_
This certificate is intended for the following purpose(s): Proves your identity to a remote computer Ensures the identity of a remote computer 1.3.6.1.4.1.6449.1.2.2.79 2.23.140.1.2.2 	-
* Refer to the certification authority's statement for details.	_
Issued to: wifi.uvt.tuke.sk	
Issued by: GEANT OV RSA CA 4	
Valid from 3/30/2022 to 3/31/2023	
Install Certificate Issuer Statement	:
OK	

5. And continue by clicking **Next** and **Next** again.

÷	🐓 Certificate Import Wizard	×
	Welcome to the Certificate Import Wizard	
	This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
	A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
	Store Location © Current User	
	To continue, dick Next.	
	Next Cancel	

_	Cartificate Import Wizard	×
	Se Certificate import wizard	
	Certificate Store	
	Certificate stores are system areas where certificates are kept.	_
	Windows can automatically select a certificate store, or you can specify a location for the certificate.	
	\odot Automatically select the certificate store based on the type of certificate	
	Place all certificates in the following store	
	Certificate store:	
	Browse	
	Next Cance	el

Г

6. Click Finish.

← 🖉 Certificate Import Wizard	×
Completing the Certificate Import Wizard	
The certificate will be imported after you click Finish.	
You have specified the following settings:	
Certificate Store Selected Automatically determined by the wizard Content Certificate	
	^
Finish Cancel	
Certificate Import Wizard X	
The import was successful.	
ОК	

The certificate import was successful.

7. Right-click the network icon on the taskbar in the default desktop setting in the lower right corner and select **Open Network and Sharing Center**.



8. Use the Set up a new connection or network option.



9. Continue with Manually connect to a wireless network and click Next.

noose a connec	tion option	
Connect to the Set up a broad	e Internet dband or dial-up connection to the Internet.	
Set up a new i	network router or access point.	
Manually conr Connect to a l	nect to a wireless network hidden network or create a new wireless profile.	
Set up a dial-u	workplace up or VPN connection to your workplace.	

Network name:	eduroam		
Security type:	WPA2-Enterprise	~	
Encryption type:	AES	~	
Security Key:		H	lide characters
Start this connect Connect even if Warning: If you	ection automatically the network is not broadcast select this option, your comp	ing puter's privacy m	night be at risk.

11. The network is added. You still need to add the eduroam network certificate. Click **Change connection settings**.



12. A window will appear in whicl	you click the PEAP protoc	ol setting, Settings .
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	Noticeless Netwo	vork Prope	rties	×
Connection Security				_
Security type: Encryption type:	WPA2-Enterprise	\$ <u>}</u>	~	
Choose a network a Microsoft: Protected	uthentication method d EAP (PEAP)	d: V Settir	105	
Remember my	credentials for this co	onnection each		
time i mioggeo	-on			
Advanced settin	gs			
Advanced settin	gs			
Advanced settin	gs			

13. Select the appropriate certificate for eduroam and click **OK** twice in a row.

Protected EAP Properties	×
When connecting:	
✓ Verify the server's identity by validating the certificate	
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
Trusted Root Certification Authorities:	
TWCA Boot Certification Authority	1
USERTrust ECC Certification Authority	
USERTrust RSA Certification Authority	
VeriSign Class 3 Public Primary Certification Authority - G3	
VeriSign Class 3 Public Primary Certification Authority - G5	
VeriSign Universal Root Certification Authority	
vmware-plugin v	
< >>	
Notifications before connecting:	
Tell user if the server's identity can't be verified \sim	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) V Configure.	
Enable Fast Reconnect	
Disconnect if server does not present cryptobinding TLV	
Enable Identity Privacy	
OK Cancel	

The eduroam network is set up.

14. Log in to the eduroam network.

eduroam
Connect automatically
Connect
TUNET-guest

15. Enter your login data; unique login and @tuke.sk suffix in the form **xy123ab@tuke.sk** and WiFi password that you previously set on the page: <u>https://uvt.tuke.sk/wps/portal/uv/sluzby/bezdrotove-siete-wifi-na-tuke/nastavenie-hesla-pre-wifi-pristup</u>

After successfully verifying your login data, you have connected to the eduroam network.

