

Accessing eduroam with Windows XP

To configure and access the wireless eduroam network using Windows XP your computer must meet the following requirements. Your operating system must be fully updated. Your computer must have a wireless network adapter. Finally your computer must be within range of an eduroam access point.



Open **start-menu** in bottom left hand corner of your screen.

Choose Control Panel.



Interview and Interview Connections Image: Connections </td

Open Network and internet Connection.

Open Network Connections.



You now get an overview showing your network connections.

Right click Wireless Network Connection

Choose Properties.

🗕 Wireless Network Connection Properties 🛛 ? 🗙
General Wireless Networks Advanced
Connect using:
Intel(R) Wireless WiFi Link 4965AG
This connection uses the following items:
 Elient for Microsoft Networks File and Printer Sharing for Microsoft Networks QoS Packet Scheduler Toternet Protocol (TCP/IP)
Install Uninstall Properties
Allows your computer to access resources on a Microsoft network.
 Show icon in notification area when connected Notify me when this connection has limited or no connectivity
OK Cancel



Click the tab Wireless Networks.

At **Preferred Networks** highlight eduroam.

Click **Properties**.

Remove any prior network installment of Eduroam or it won't work.

eduroam properties	? 🗙
Association Authentication Connection	
Network <u>n</u> ame (SSID): eduroam	
Cophect even if this network is not broadcasting	
Wireless network key	
This network requires a key for the following:	
Network <u>A</u> uthentication: WPA2	*
Data encryption:	*
Network <u>k</u> ey:	
Confirm network key:	
Key inde <u>x</u> (advanced): 1 ✓ T <u>h</u> e key is provided for me automatically ☐ This is a <u>computer-to-computer</u> (ad hoc) network; wireless access points are not used	
ОК Са	ncel

Check Connect even if this network is not broadcasting.

Set Network Authentication to WPA2.

Set Data encryption to AES.

Choose Authentication-tab.



At EAP-type set Protected EAP (PEAP).

Click **Properties**.

Protected EAP Properties ? 🗙
When connecting:
Validate server certificate
Connect to these servers:
radius.ku.dk
Trusted Root Certification Authorities:
Entrust.net Certification Authority (2048)
Entrust net Secure Server Certification Authority
ePKI Root Certification Authority
Equitax Secure Certificate Authority
Equitax Secure eBusiness CA-1
Equirax Secure eBusiness CA-2
Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2)
Enable Fast Reconnect
Enable Quarantine checks
Disconnect if server does not present cryptobinding TLV
OK Cancel

Check Validate server certificate

At Connect to these servers type radius.ku.dk

At Trusted Root Certification Authority check Equifax Secure Certificate Authority.

Now click **Configure** at **Select Authentication Method: Secured password** (EAP-MSCHAP v2).



Make sure that **Automatically use my Windows logon**... is left **unchecked**.

Click Ok.

Protected EAP Properties	
When connecting: ┌ ✔ Validate server certificate	Click Ok .
Connect to these servers:	
radius.ku.dk	
Trusted Root Certification Authorities:	
Entrust.net Certification Authority (2048) Entrust.net Server Certification Authority	
PRI Root Certification Authority	
Equifax Secure Certificate Authority	
Equifax Secure eBusiness CA-1	
Equitax Secure eBusiness CA-2	
Do not prompt user to authorize new servers or trusted certification authorities.	
Secured password (EAP-MSCHAP v2) Configure	
Enable Fast Reconnect	
Enable Quarantine checks	
Disconnect if server does not present cryptebinding TLV	

eduroam properties

 Association
 Authentication

 Select this option to provide authenticated network access for wireless Ethernet networks.

 Enable IEEE 802.1x authentication for this network

 EAP type:
 Protected EAP (PEAP)

 Properties

 Authenticate as computer when computer information is available

 Authenticate as guest when user or computer information is unavailable

 OK
 Cancel

Click Connection-tab.

eduroam properties 🔹 💽
Association Authentication Connection
Automatic connection Whenever this network is detected, Windows can connect to it automatically. Connect when this network is in range
OK Cancel

L Wireless Network Connection Properties <u>?</u>× General Wireless Networks Advanced Use Windows to configure my wireless network settings Available networks: To connect to, disconnect from, or find out more information about wireless networks in range, click the button below. View Wireless Networks Preferred networks: Automatically connect to available networks in the order listed below: 🛔 eduroam (Automatic) Move up Move down Properties Add... Remove Learn about setting up wireless network Advanced configuration. ΟK Cancel

Check **Connect when this network is in range**.

Click Ok.

Click Ok.

Enter Credent	ials 🔀
C	
User name:	xxxxxx@ku.dk
Password:	••••••
Logon domain:	
Save this us	er name and password for future use
	OK Cancel

Your computer will now automatically access the **eduroam** network when in range.

Type in your **KU Username followed by @ku.dk** and **Password.**

Click Ok.

You now have access to the wireless eduroam network. To test your connectivity go to <u>www.ku.dk</u>

FAQ

When you logon to eduroam, you have to type in your password in 30 seconds. This is a security meassure. If it happens then turn of your internet connection and try again.

Each faculty at KU only have a certain amount of IP-adresses available for eduroam connection. This can result in an error at logon. This problem can only be solve by your local faculty IT-department.

Finally it is important to notice that your password expires every three month. When you change it you have to reconfigure the eduroam network to avoid problems.