



Vrije Universiteit Brussel



VUBnet,

The network of the Vrije Universiteit Brussel

VUBnext manual configuration

General Information

In some cases it might not be possible to use the normal setup.

- You are using a corporate laptop with very tight restrictions. In this case, your device will most probably try to authenticate on VUBnext or eduroam with your pre-configured corporate login
- You're trying to configure the laptop in a place where there is no or barely any wireless signal coming through
- You're using a very specific flavour of Windows where the possibility of specifying your credentials does not work
- ...

In any of these case, you might want or need to configure the wireless network manually. Just two extra points to keep in mind:

- If your **login fails repeatedly**, your password may not be correctly stored in the wireless database. Go to <http://helpdesk.vub.ac.be/> then choose Personal Account Manager from the left-side menu and change your password. You can use the same as before if it still complies with the latest rules for password complexity.
- In some cases a **driver update** of your wireless network card is needed to fully support the WPA2 encryption we use.

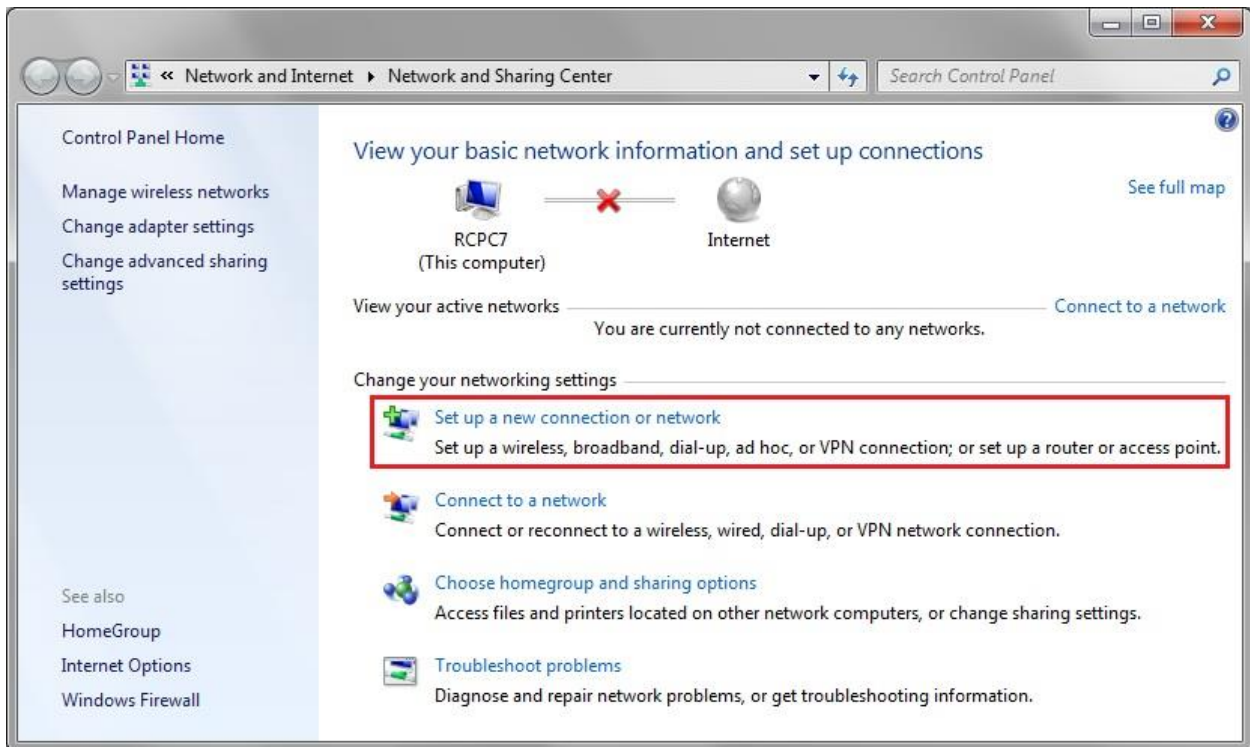
Step by Step configuration

Right-click the Network Connections icon in your icon tray. Select **Open Network and Sharing Center**. The left image comes from Windows 7, the right image from Windows 10.

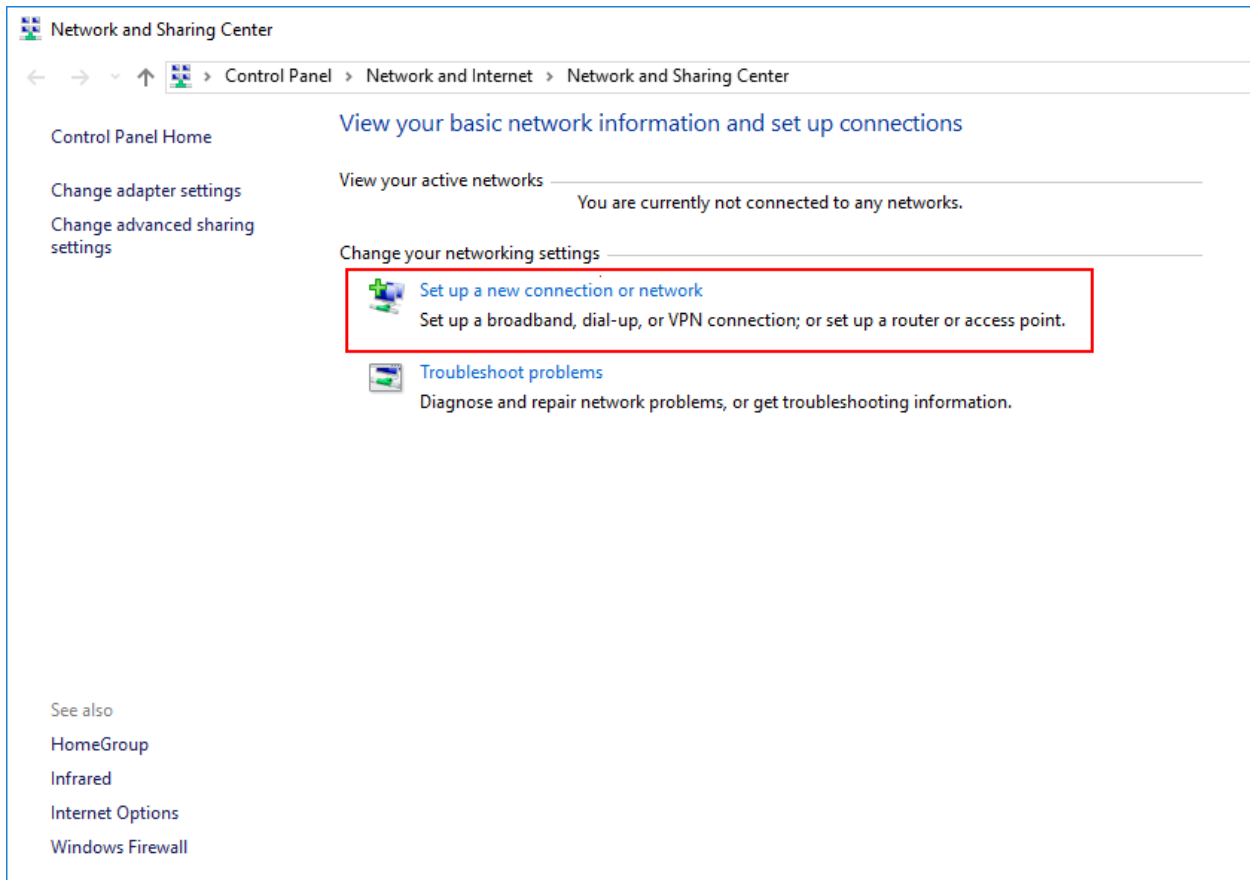


In the main window, choose [Set up a new connection or network](#).

Windows 7

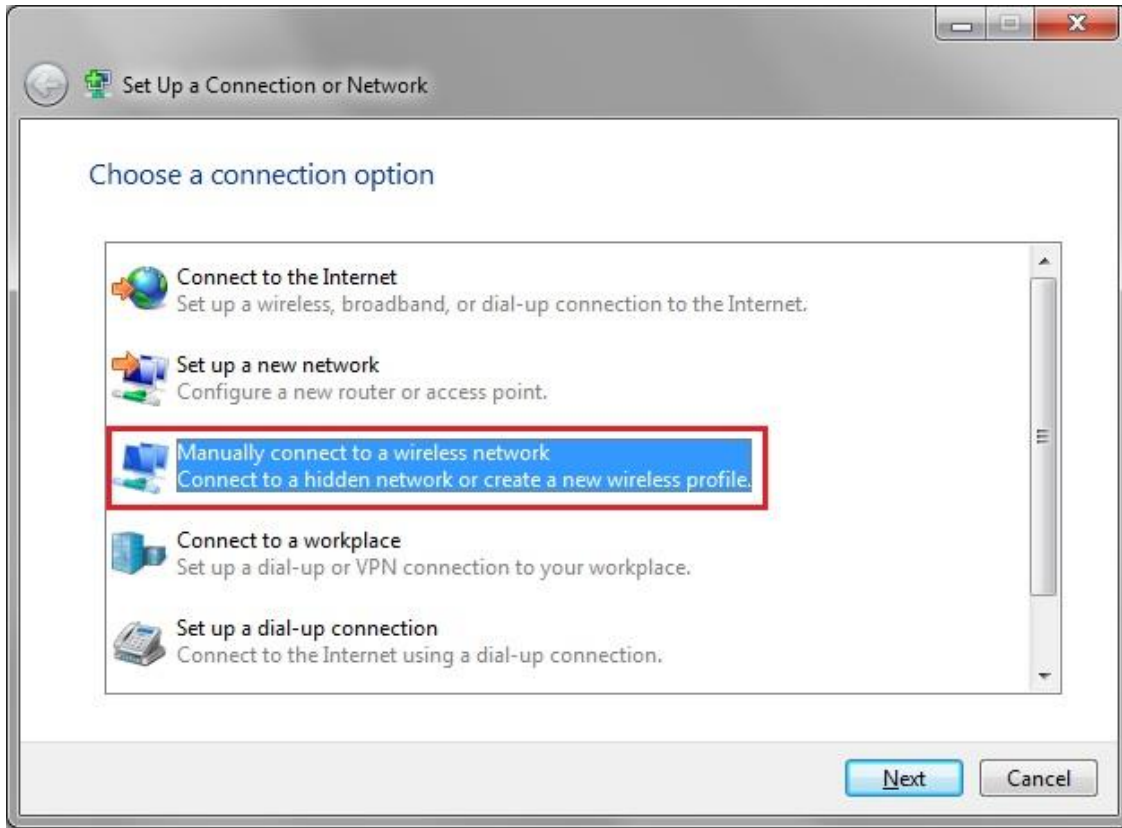


Windows 10

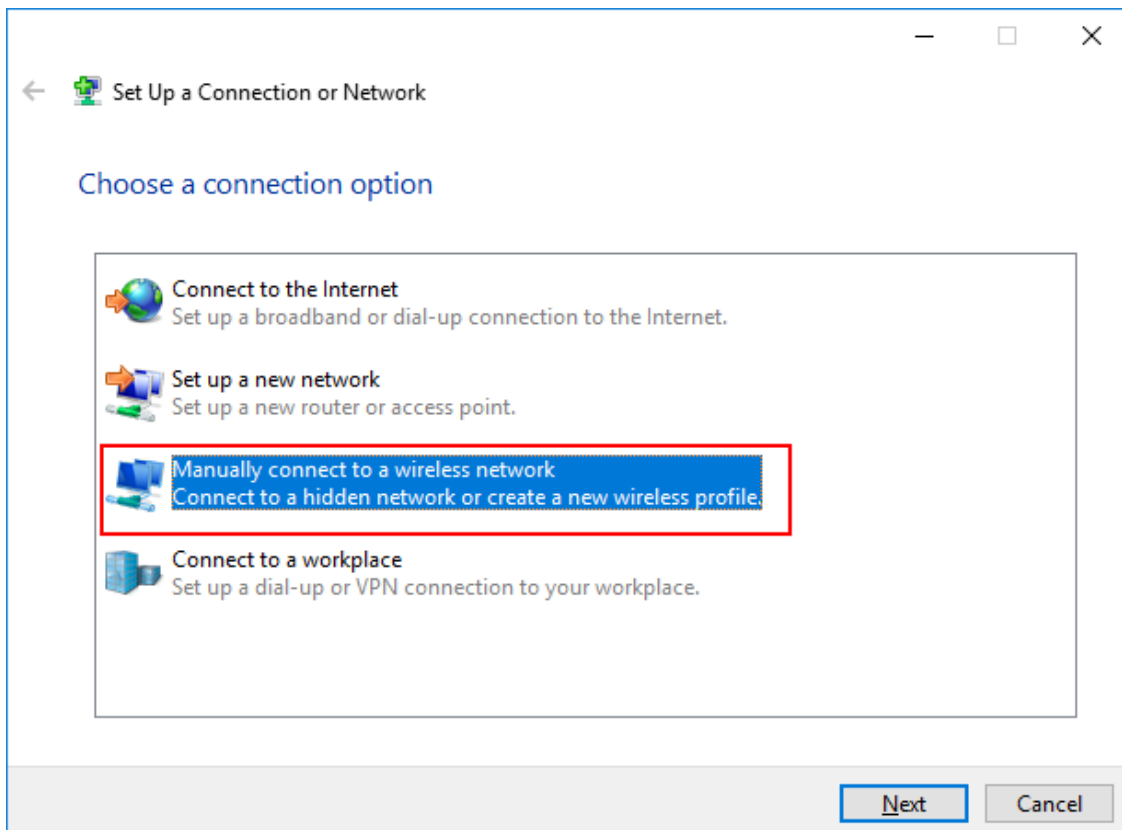


Choose to **Manually Connect to a wireless network** and press Next.

Windows 7

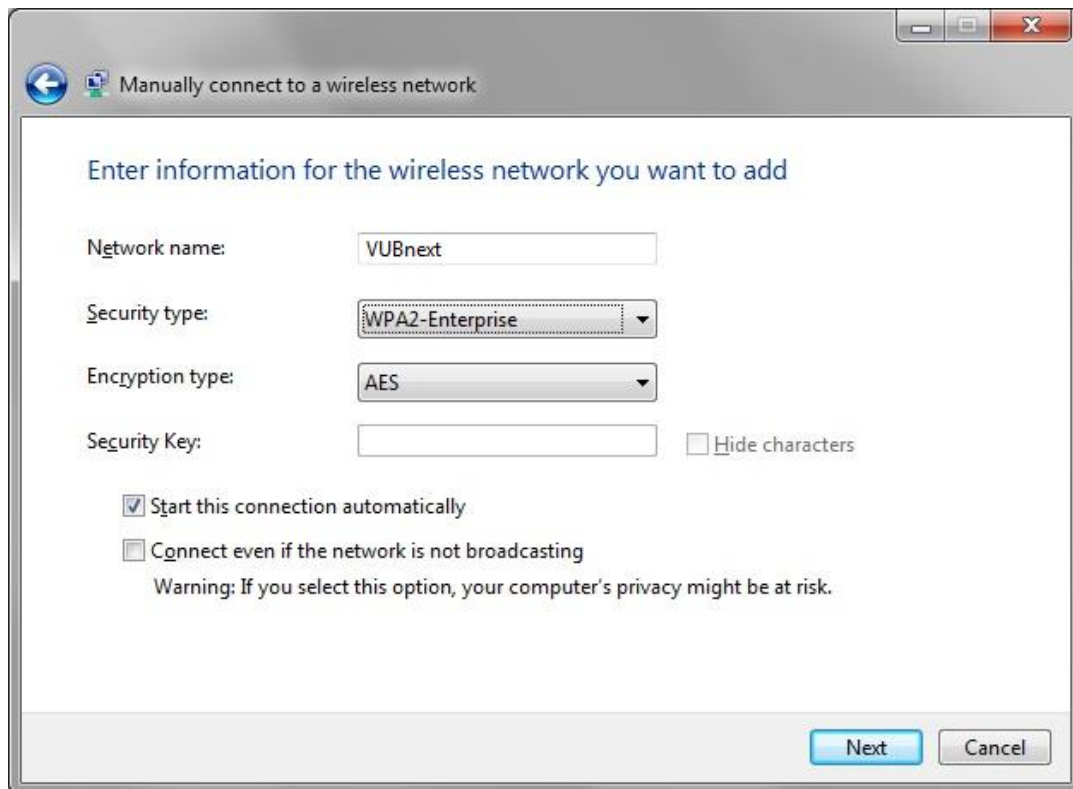


Windows 10



Insert the Network name **VUBnext** (Case sensitive) or **eduroam**, choose Security type **WPA2-Enterprise** and Encryption Type **AES**. Press next.

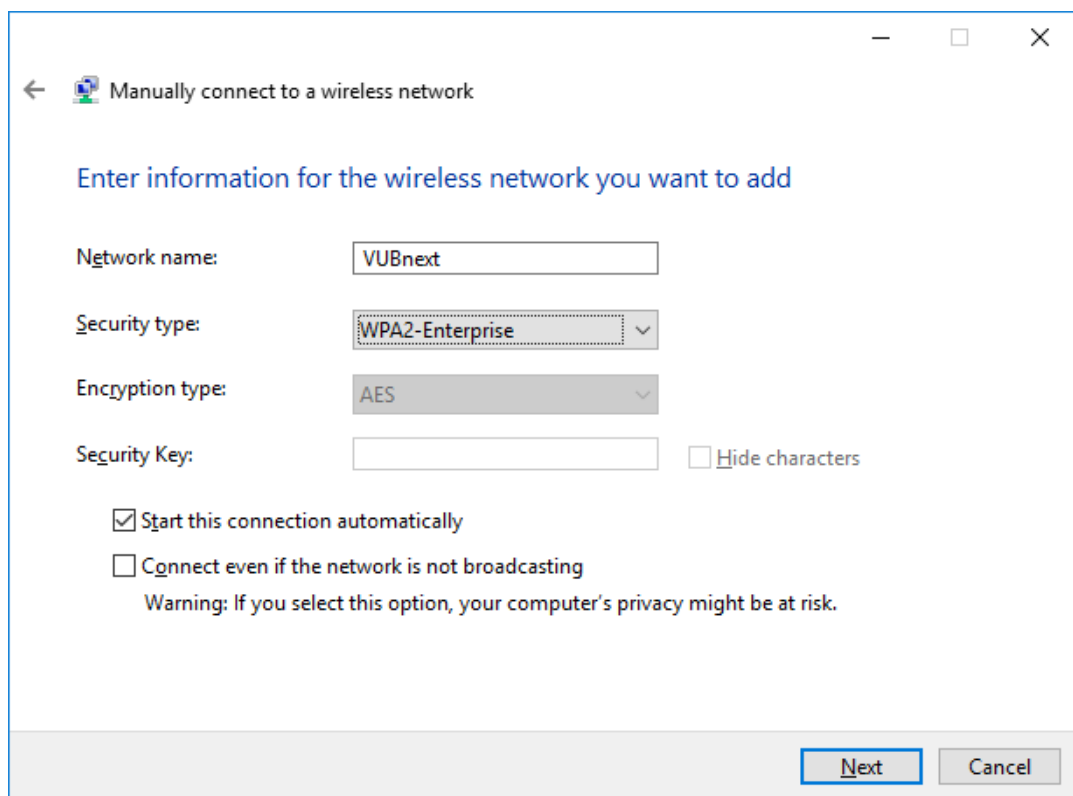
Windows 7



The screenshot shows a Windows 7 dialog box titled "Manually connect to a wireless network". The main heading is "Enter information for the wireless network you want to add". The form contains the following fields and options:

- Network name: Text box containing "VUBnext".
- Security type: Dropdown menu set to "WPA2-Enterprise".
- Encryption type: Dropdown menu set to "AES".
- Security Key: Empty text box with a "Hide characters" checkbox to its right.
- Start this connection automatically: Checked checkbox.
- Connect even if the network is not broadcasting: Unchecked checkbox.
- Warning: "Warning: If you select this option, your computer's privacy might be at risk." (referring to the second checkbox).
- Buttons: "Next" and "Cancel" at the bottom right.

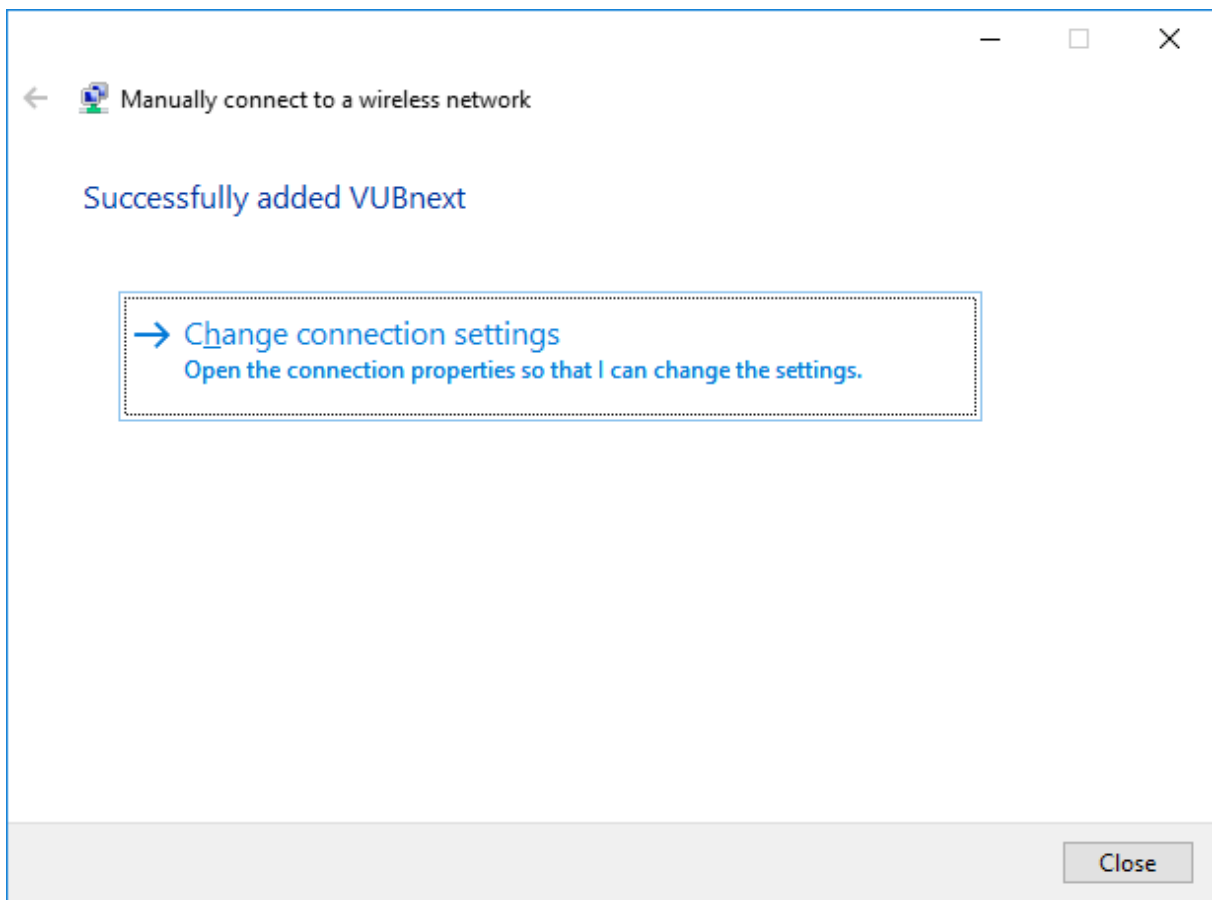
Windows 10



The screenshot shows a Windows 10 dialog box titled "Manually connect to a wireless network". The main heading is "Enter information for the wireless network you want to add". The form contains the following fields and options:

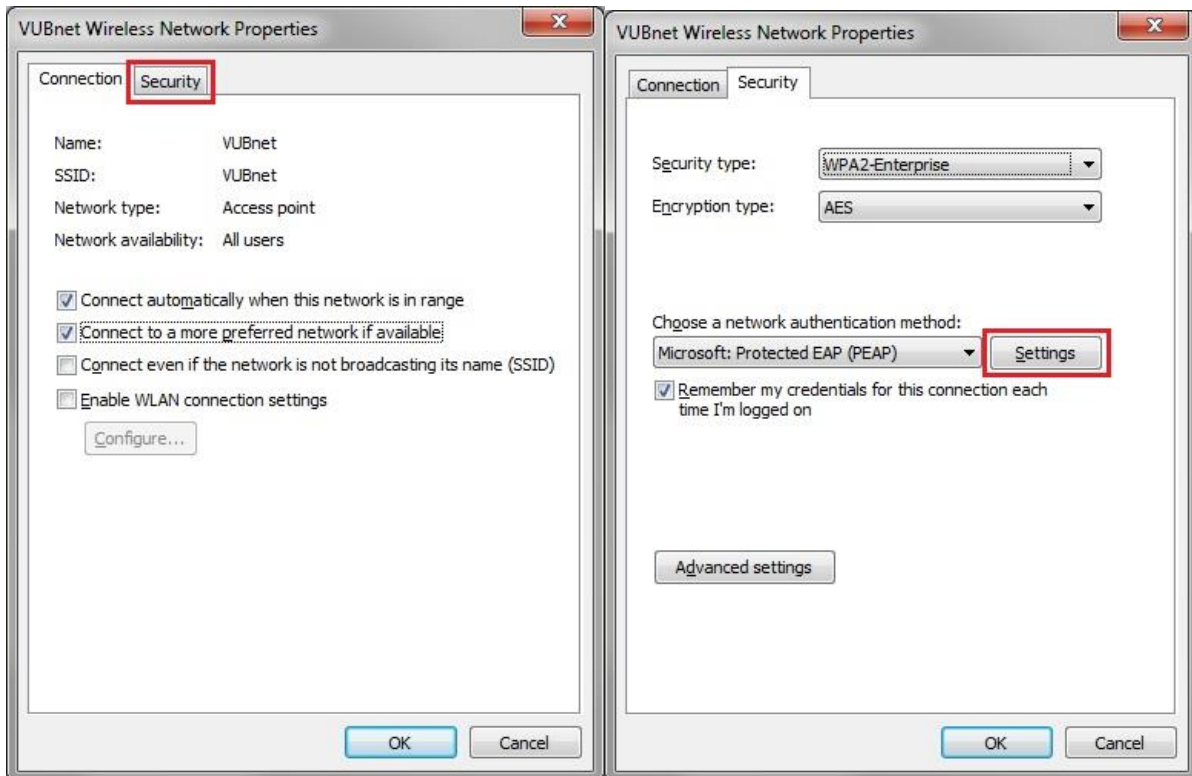
- Network name: Text box containing "VUBnext".
- Security type: Dropdown menu set to "WPA2-Enterprise".
- Encryption type: Dropdown menu set to "AES".
- Security Key: Empty text box with a "Hide characters" checkbox to its right.
- Start this connection automatically: Checked checkbox.
- Connect even if the network is not broadcasting: Unchecked checkbox.
- Warning: "Warning: If you select this option, your computer's privacy might be at risk." (referring to the second checkbox).
- Buttons: "Next" and "Cancel" at the bottom right.

Click on [Change connection settings](#).

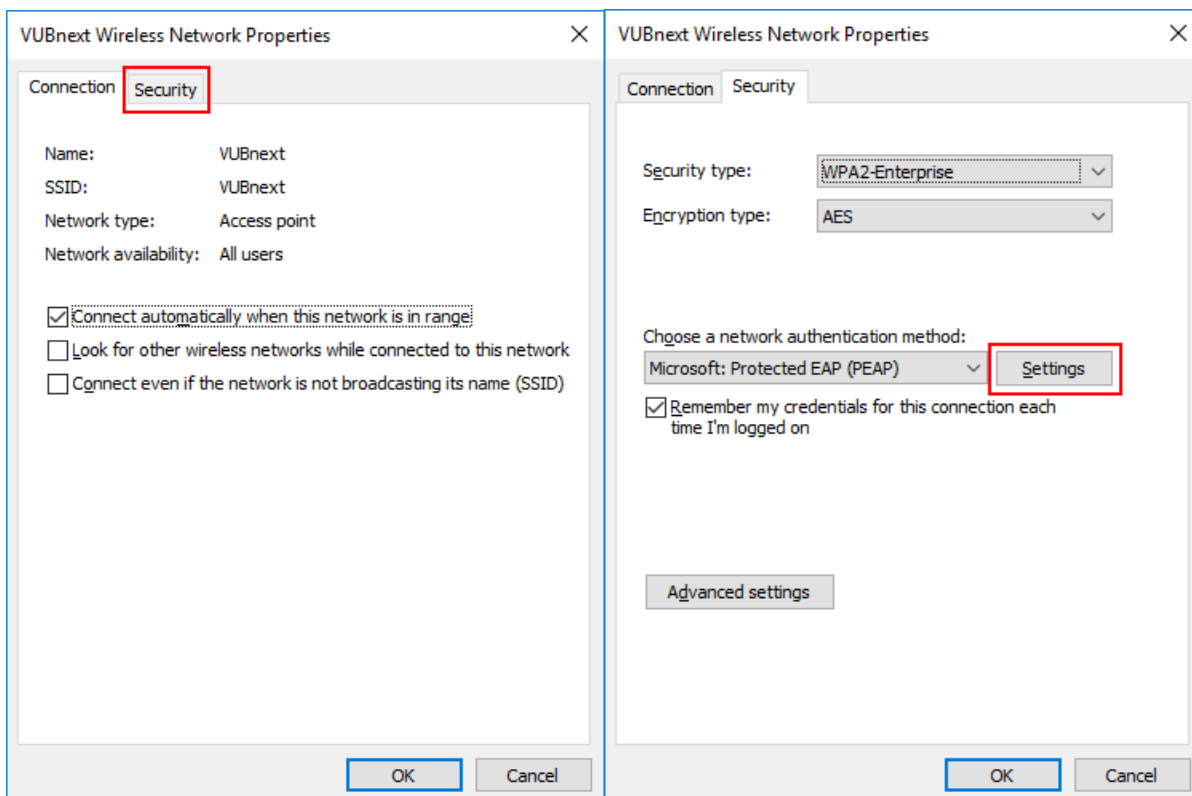


Leave the settings as they are (or add **Connect to a more preferred network if available**) and select the **Security** tab. Press **Settings**.

Windows 7

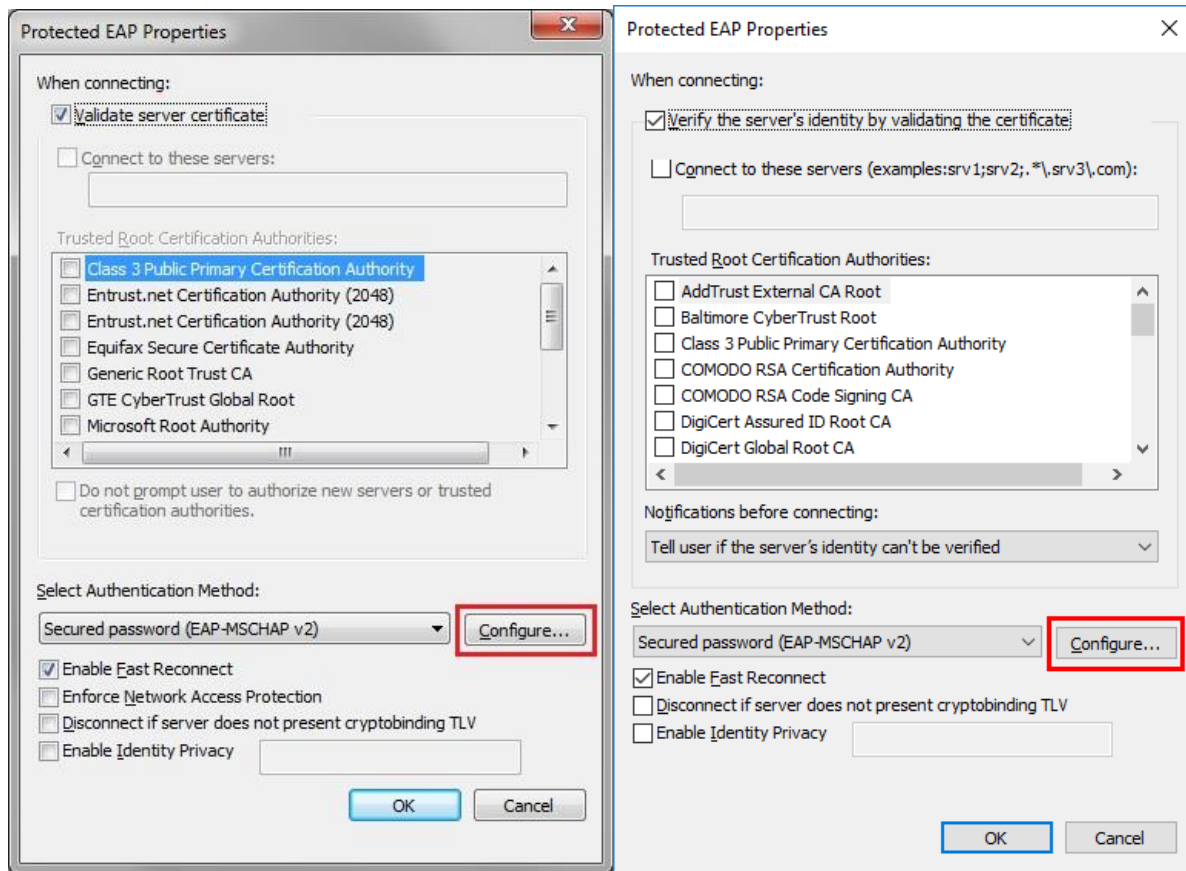


Windows 10

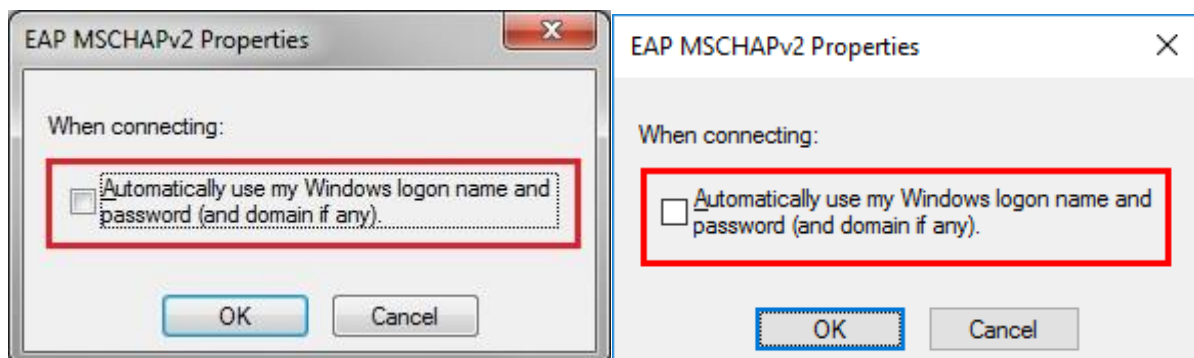


Remove the option to **Validate Server Certificate**. Press **Configure**.

Windows 7 / Windows 10



Disable the setting "Remove the option to Automatically use Windows logon name and password" is disabled.

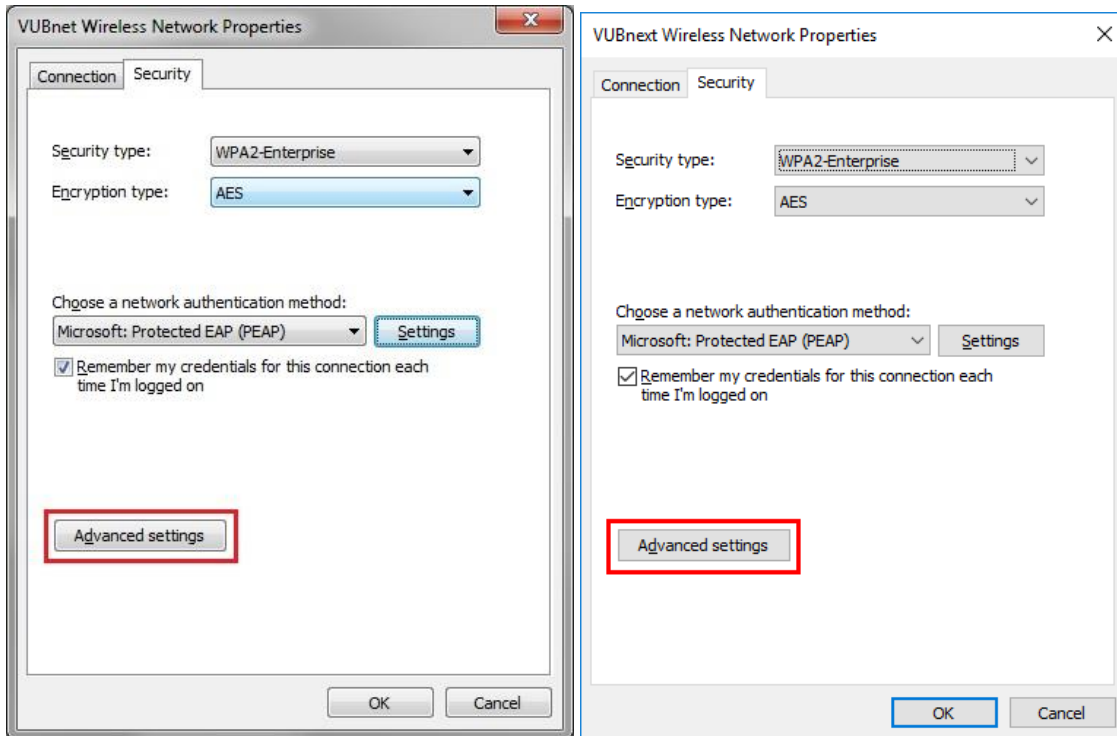


Press OK to close this window.

Press OK to close the window **Protected EAP Properties**.

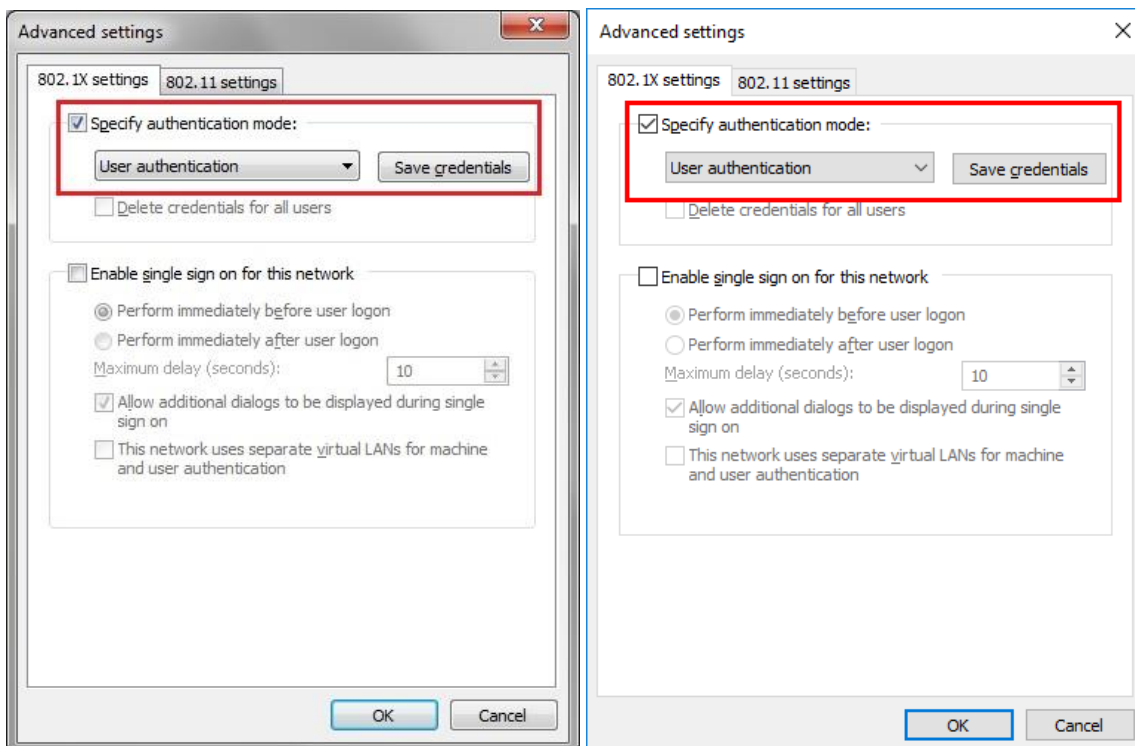
Select the **Advanced Settings**.

Windows 7 / Windows 10



Select to **Specify authentication mode**. Choose **User authentication**. Select **Save credentials**.

Windows 7 / Windows 10

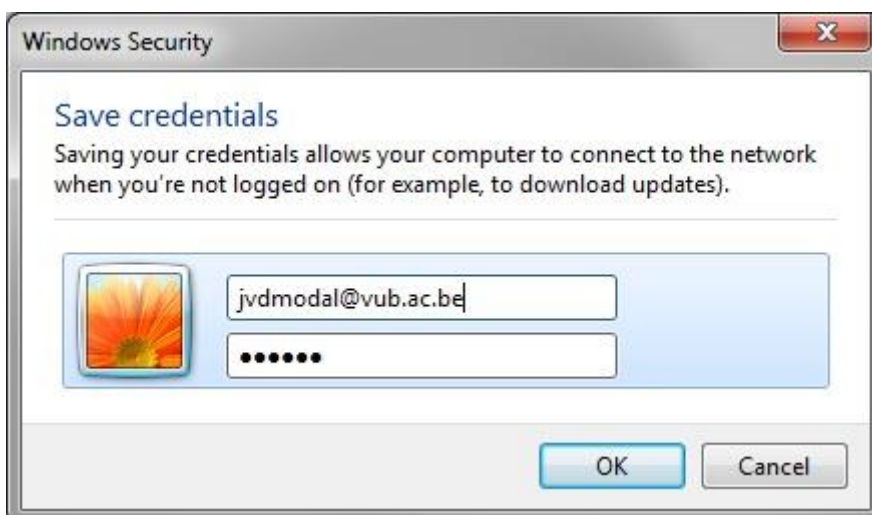


Now enter your credentials.

For VUBnet this is your NetID and password. For Eduroam this is your NetID@domain.

Now press OK and close all windows.

Windows 7



Windows 10

Windows Security

Save credentials

Saving your credentials allows your computer to connect to the network when you're not logged on (for example, to download updates).

jvdmodal

.....

OK Cancel

Windows Security

Save credentials

Saving your credentials allows your computer to connect to the network when you're not logged on (for example, to download updates).

jvdmodal@vub.ac.be

.....

OK Cancel

The first you want to connect to either the **VUBnext** or the **eduroam** network, you will most likely need to accept a certificate. This is normal. We currently have no screenshot for Windows 7. You will need to click the wireless connections icon like you did before to open the list of wireless networks.

Windows 10

