

Information compiled and tested by RENAM (Research and Educational Networking Association of Moldova)

EduRoam Setup for Windows 10

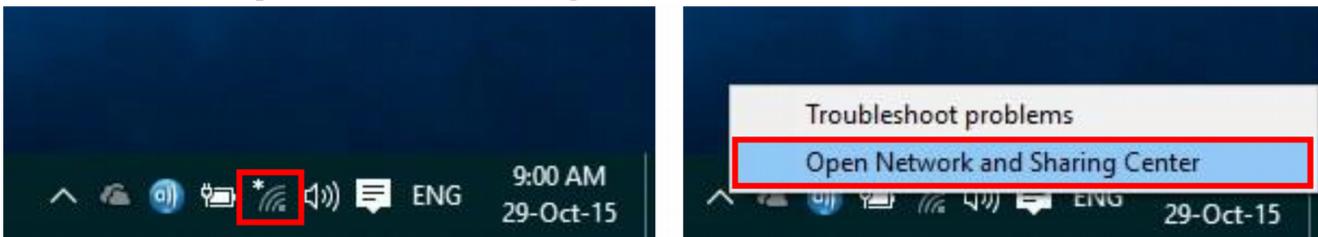
Instructions for setting up the EduRoam wireless network on Windows 10

- before eduroam configuration;
- Automatic configuration;
- Manual configuration;
- How to change credentials.

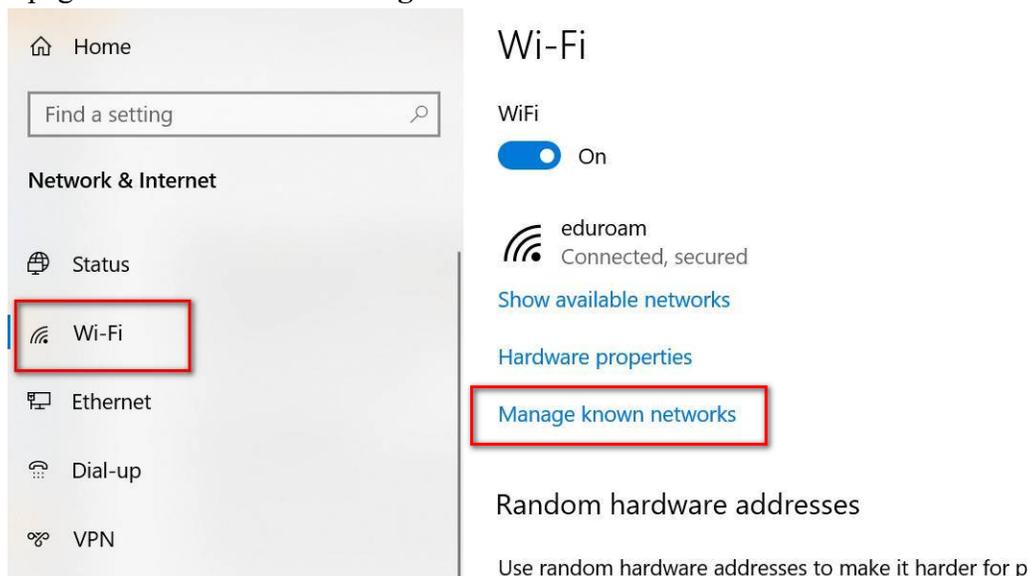
EduRoam (education roaming) is the secure, world-wide roaming access service developed for the international research and education community. Eduroam allows students, researchers and staff from participating institutions to obtain Internet connectivity to their home campus and when visiting other participating institutions by simply opening their laptop and connecting to the eduroam SSID on the wireless network.

Before **Automatic** or **Manual Configuration** of eduroam need to delete (forget) old saved eduroam wi-fi connection.

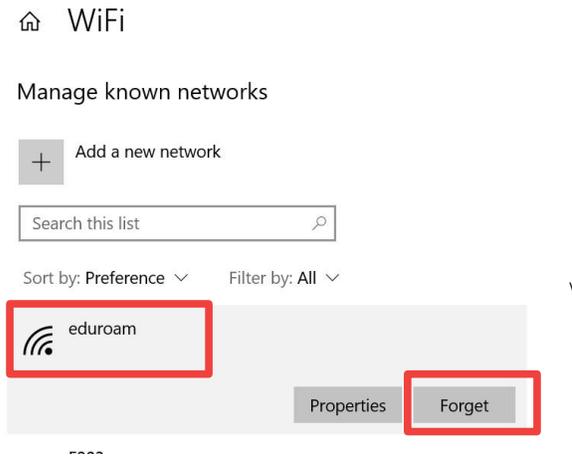
1) Right click on the “Wi-Fi/Wireless” icon on the System tray, as highlighted in the screen below, and then click on the “Open Network and Sharing Centre” link



2) At opened page select **Wi-Fi** and **Manage known networks**:



3) At opened page find and click on **eduroam** network. Click **Forget**. If eduroam was not previously configured, no eduroam network will be in list. Go to **Automatic configuration** step.



Automatic Configuration

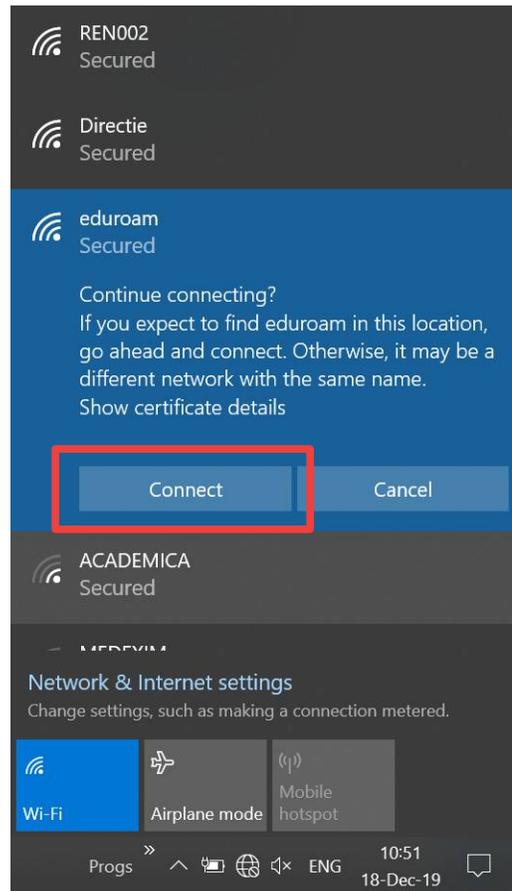
1) Click on the network menu in the lower right hand corner of your screen:



2) Click on eduroam network and enter **username** and **password**.



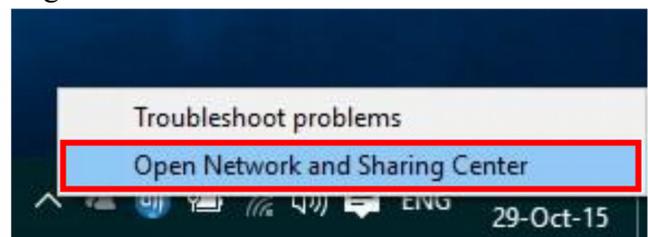
3) Click **connect** button to continue connecting.



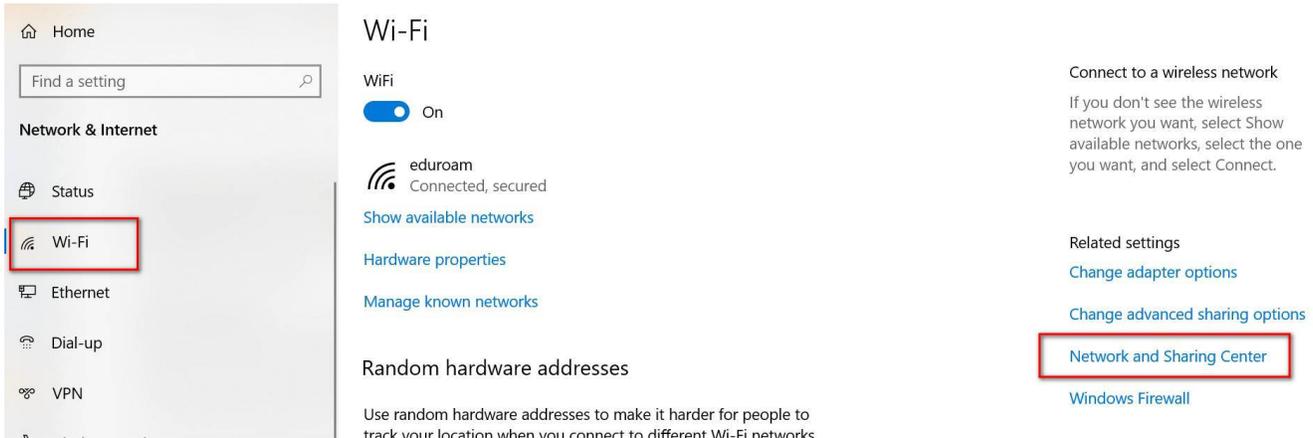
4) If You can't connect to eduroam, go to section **Manual Configuration**

Manual Configuration

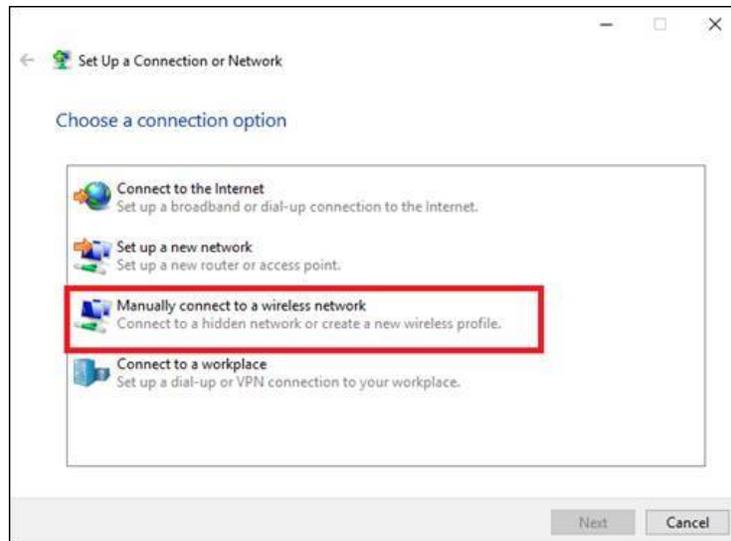
1) Right click on the “Wi-Fi/Wireless” icon on the System tray, as highlighted in the screen below, and then click on the “Open Network and Sharing Centre” link



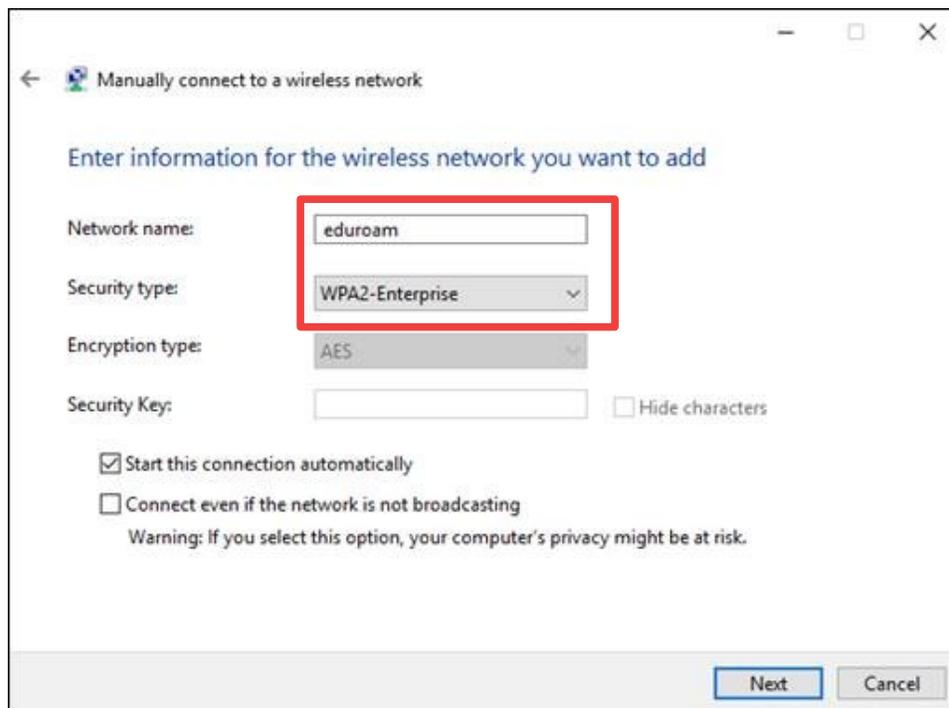
At opened page select **Wi-Fi** and **Network and Sharing Center**:



- 2) Click **Set up a new connection or network**
- 3) Click **Manually connect to a wireless network**
- 4) Click **Next**

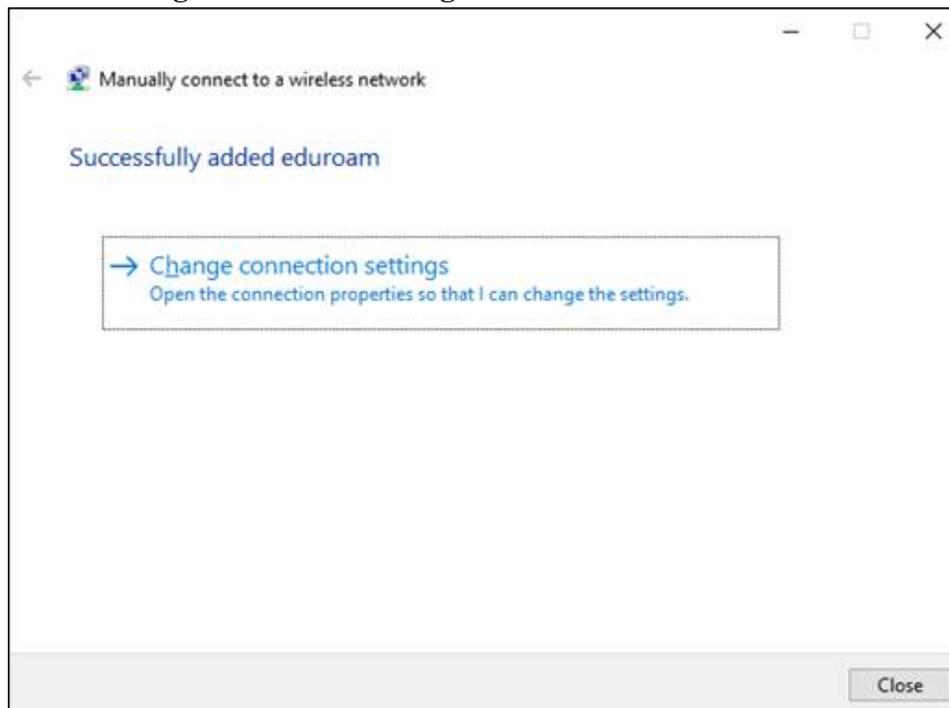


- 5) Fill in the following information for the new network:
 - a) Network Name: eduroam
 - b) Security Type: WPA2-Enterprise
 - c) Encryption Type: AES

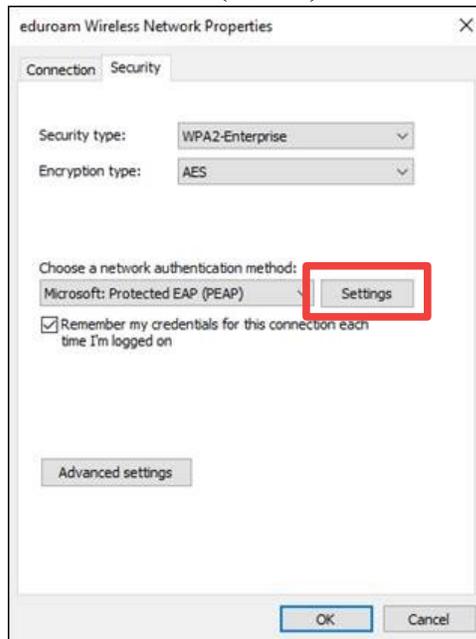


6) Click **Next** - The screen will say **Successfully added Eduroam**

7) Choose **Change connection settings**



- 8) Click the **Security** tab. Under **Choose a network authentication method** choose **Microsoft: Protected EAP (PEAP)**

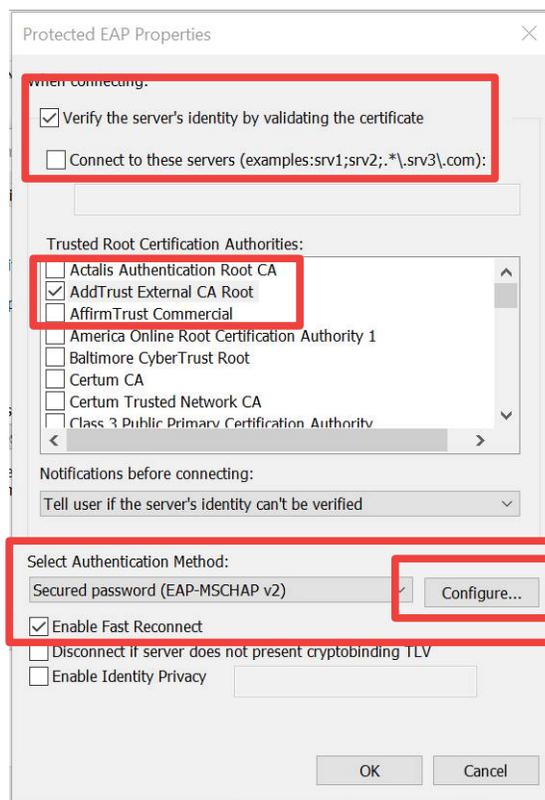


- 9) Click **Settings** next to that drop down

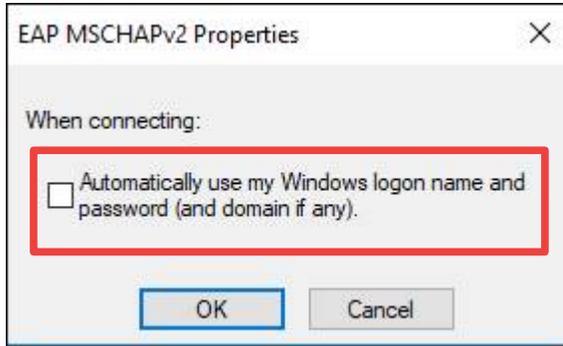
- 10) Under **Trusted Root Certification Authorities**, check the box for **AddTrust External CA Root**. If certificate problems occurs, Un-check all boxes, concerning certificate.

- 11) **Select Authentication Method** should be: **Secure Password (EAP-MSCHAP v2)**

- 12) Click **Configure**



13) Un-check the box labeled **Automatically use my Windows logon**



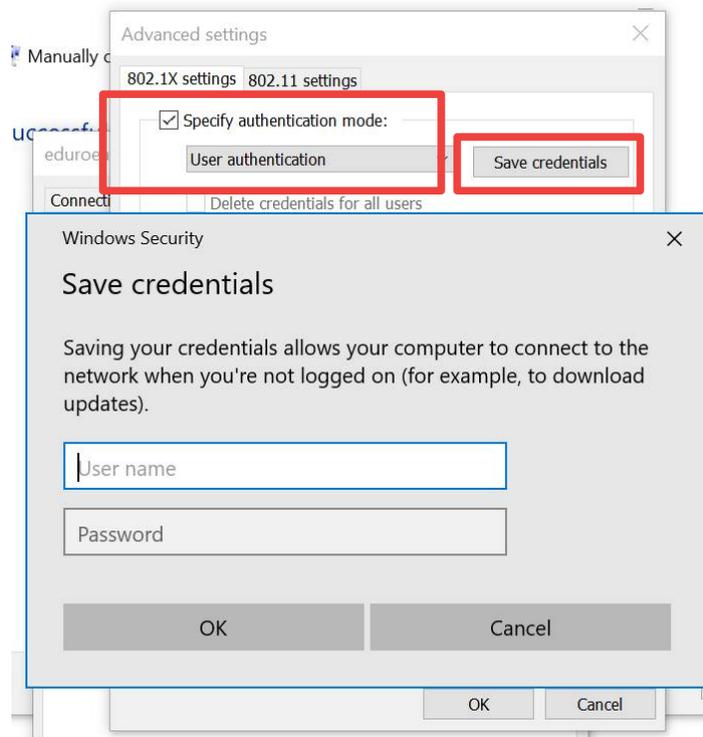
14) Click **OK** on 2 boxes to close out and save the wireless settings and return to **Security** page

15) Click **Advanced Settings**



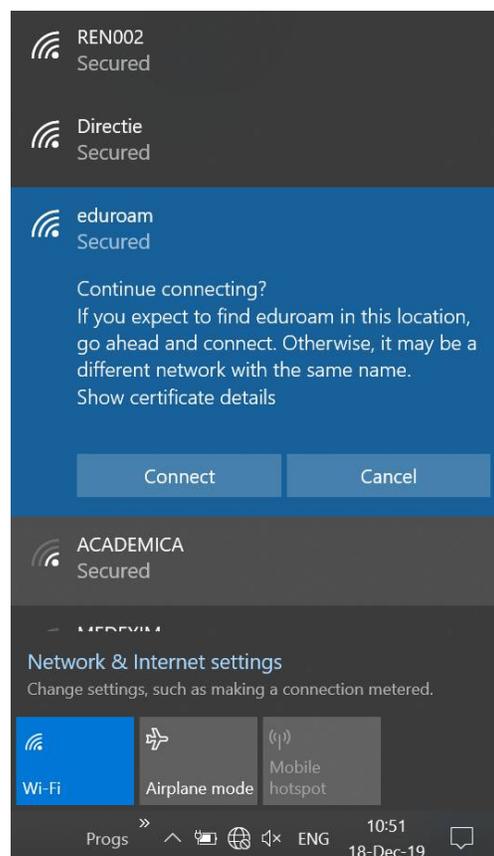
16) Check box **Specify authentication mode**, select **User authentication** in menu

17) Click **Save credential**, enter Your **Username** and **Password** and click **OK**.



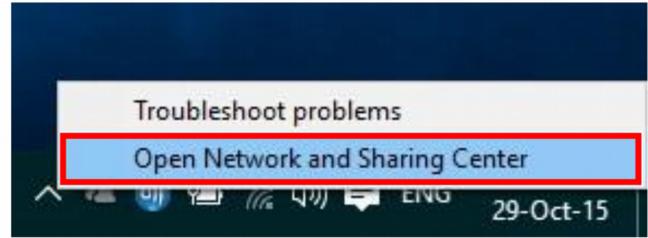
18) Click **OK** on all boxes to close out and save the wireless settings.

19) Click on **eduroam** network in Wi-Fi network list and click **Continue**:



To change eduroam credentials:

1) Right click on the “Wi-Fi/Wireless” icon on the System tray, as highlighted in the screen below, and then click on the “Open Network and Sharing Centre” link



- 2) Select **Wi-Fi**
- 3) Select **Network and Sharing Center**
- 4) Click at **WiFi eduroam**
- 5) Click **Wireless Properties**
- 6) Click **Advanced settings**
- 7) Click **Save credentials**
- 8) Enter **Username** and **password**.
- 9) Click Ok. Close menu tabs, reconnect to eduroam.

The composite screenshot illustrates the process of changing eduroam credentials through several Windows interfaces:

- Settings App:** The 'Wi-Fi' option is highlighted with a red box and the number '2'.
- Network and Sharing Center:** The 'Connections' section shows 'WiFi (eduroam)' highlighted with a red box and the number '4'.
- WiFi Status:** The 'Details...' button is highlighted with a red box and the number '5', which opens the 'Wireless Properties' dialog.
- eduroam Wireless Network Properties:** The 'Advanced settings' button is highlighted with a red box and the number '6'.
- Advanced settings dialog:** The 'Save credentials' button is highlighted with a red box and the number '7'.
- Save credentials dialog:** This dialog prompts for a 'User name' and provides 'OK' and 'Cancel' buttons.

Additional text on the right side of the screenshot includes: 'Connect to a wireless network', 'If you don't see the wireless network you want, select Show available networks, select the one you want, and select Connect.', 'Related settings', 'Change adapter options', 'Change advanced sharing options', 'Network and Sharing Center 3)', 'Windows Firewall', 'a question?', 'troubleshooting network connection issues', 'help', 'Windows better', and 'Give us feedback'.