Configuring Your Windows 8 device for eduroam

The process for connecting your Windows 8 device to eduroam includes steps 1-2 listed below. Windows 8 requires eduroam credentials to be saved/stored therefore if you change your network password you will need to follow the instructions on **"Updating credentials if you change your password"**.

1. Setting up the eduroam connection

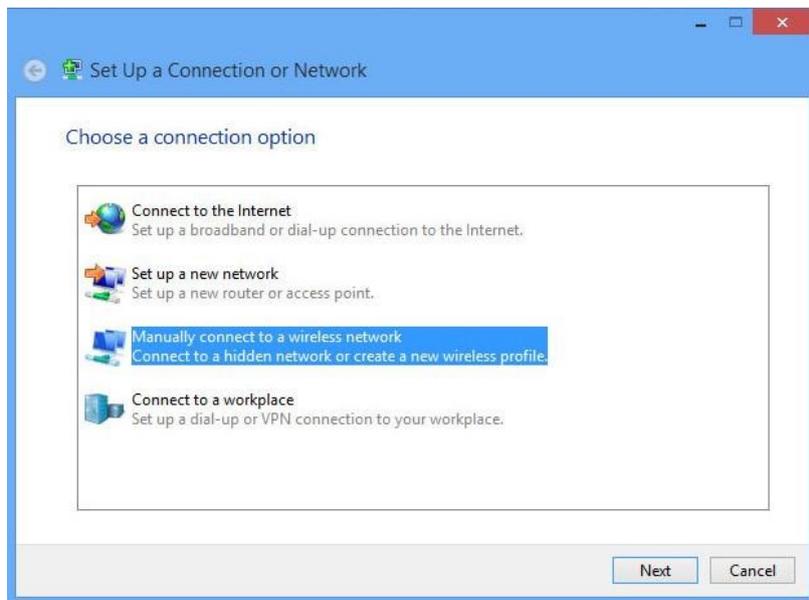1. If presented with the Windows 8 tiled screen, click on the **"Desktop"** tile.
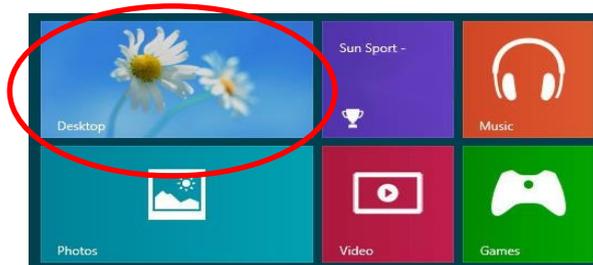
2. **Right click** on the **"Wi-Fi/Wireless"** icon on the System tray, as highlighted in the screen below, and then click on the **"Open Network and Sharing Centre"** link.

3. Choose **"Set up a new connection or network"**.

4. Click on **"Manually connect to a wireless network"**. Click on the **"Next"** button.
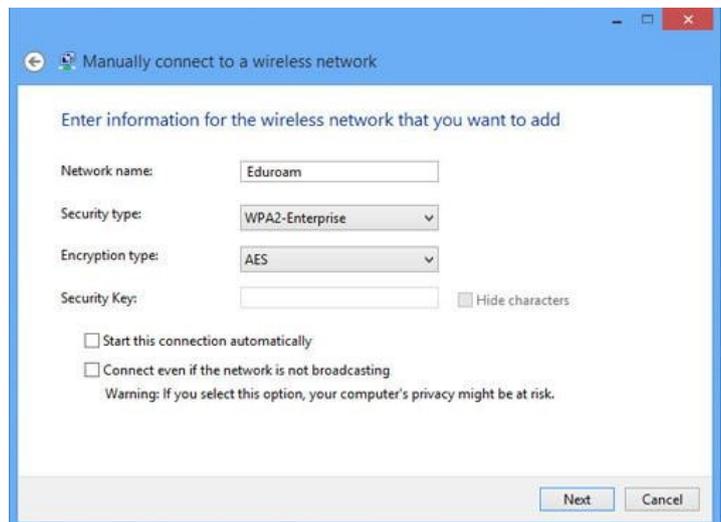
5. Type in/complete the network details exactly as shown in the diagram below, then click on the **"Next"** button
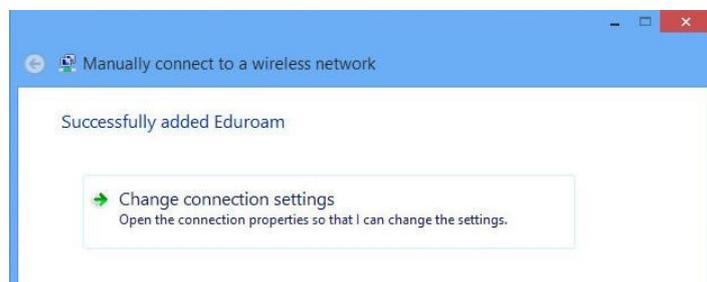
   Network Name: eduroam
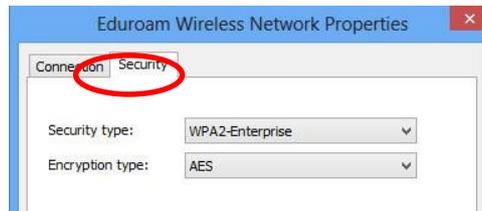
   Security type:
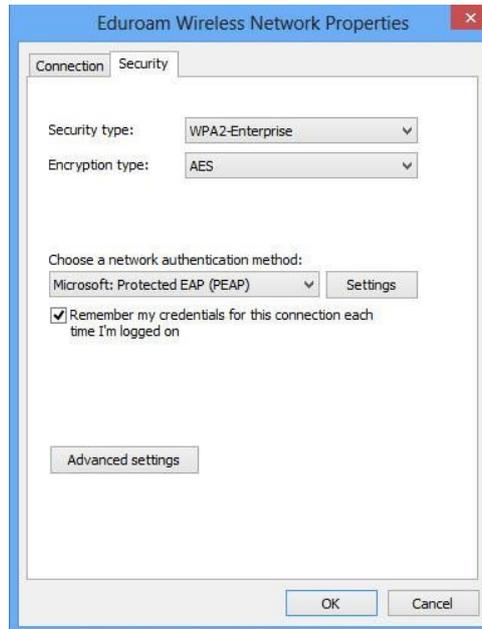   WPA2-Enterprise

   Encryption Type: AES

6. Click on **"Change Connection Settings"**.

7. Click on the **"Security"** tab at the top of the dialog box.

8. Click on the **"Settings"** button (beside the pull down menu where it says **"Microsoft: Protected EAP (PEAP)"**).

9. Ensure the box beside **"Verify the server's identity by validating the certificate"** is checked. From the list shown below labelled **"Trusted Root Certification Authorities"**, scroll down and choose **"AddTrust External CA Root"** by checking the box beside it.
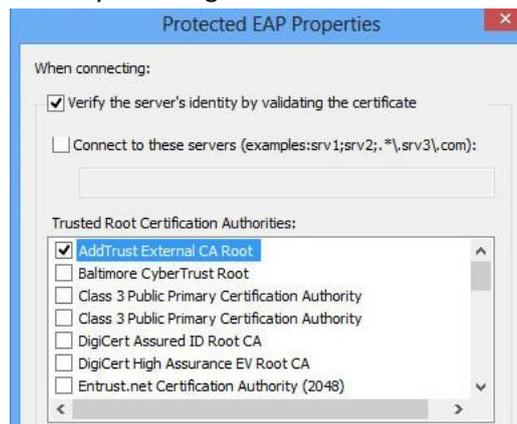
Please Note: If this certificate is not listed on your machine, close the window above by clicking on the **"Cancel"** button, but leaving the **screen from step 8 open**. Please go to **"Downloading and installing the security certification"** further down the page to install the certificate, then return to **step 8** to set continue setting up the connection.

10. Click on the **"Configure…"** button (located beside **"Secured password (EAP-MSCHAP v2)"**).

11. Ensure the checkbox beside **"Automatically use my Windows logon name and password"** is <u>**unchecked**</u> as in the screen below. Click on the **"OK"** button.

12. Click on the **"OK"** button on the **"Protected EAP Properties"** window to return to the main settings screen, as shown below. Click on the **"Advanced Settings"** button near the bottom of the window.
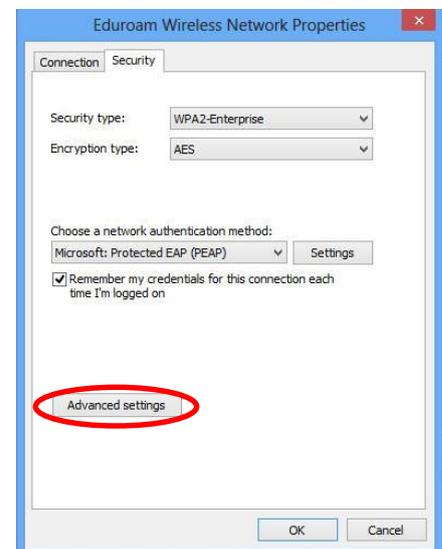
Values in this screen should read as:

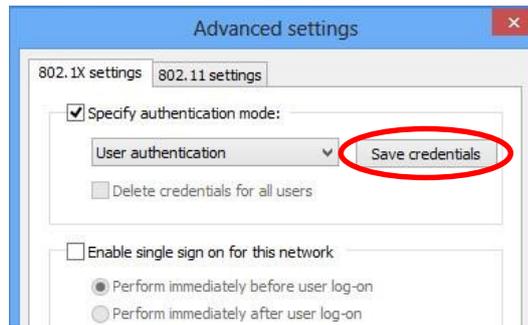**Security Type:** WPA2-Enterprise

Encryption Type: AES

Choose a network authentication method: Microsoft:

Protected EAP (PEAP)

13. Check the box beside **"Specify authentication mode"**, and select **"User authentication"** from the menu below. Click on the **"Save Credentials"** button.

Version: 1.4
Date: 14/9/2016

14. Enter your **eduroam login details** which are:

Username: Your University email address
Password: Your University network password

Click on the **"OK"** button.

15. Click **"OK"** on any dialog boxes which are still open. Close the **"Manage Wireless Networks"** window.

2. Connecting to eduroam

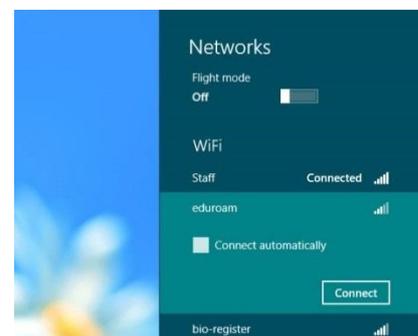1. If presented with the Windows 8 tiled screen, click on the **"Desktop"** tile.

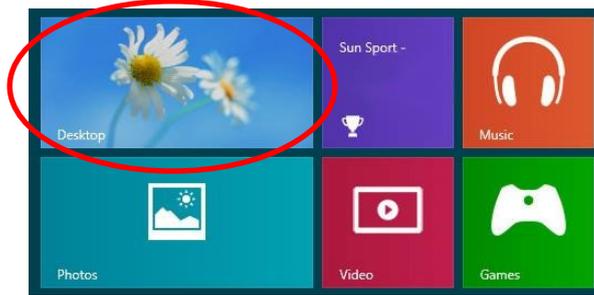2. To connect to eduroam, **left click** on the **"Wi-Fi/Wireless"** icon in the System tray.

3. Click on **"eduroam"** and click on the **"Connect"** button.

Please note: Most institutions will use **"eduroam"** as the name of their network. If an organisation offers an eduroam visitor service, but you cannot see **"eduroam"** in the list of available Wi-Fi networks, please contact the local service desk or consult posters to see what name they are using.
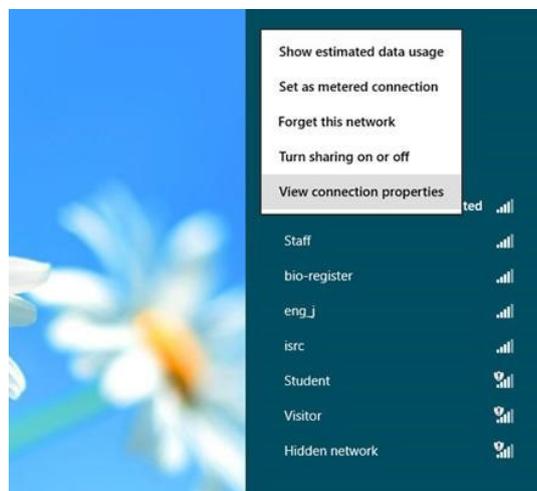

Updating credentials if you change your password

Version: 1.4
Date: 14/9/2016

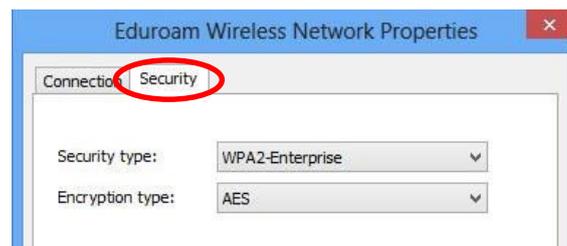1. If presented with the Windows 8 tiled screen, click on the **"Desktop"** tile.

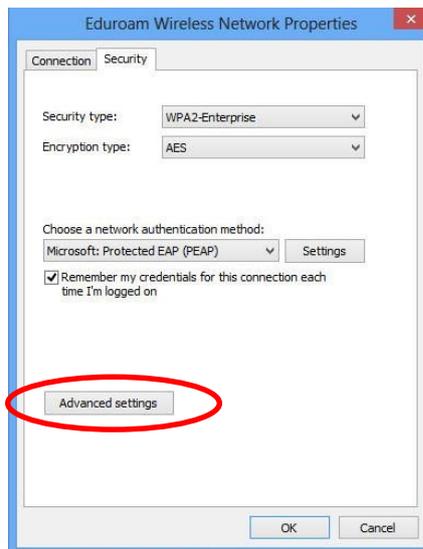2. **Left click** on the **"Wi-Fi/Wireless"** icon in the System tray.

3. **Right click** on **"eduroam"** and click on **"View connection properties"**.
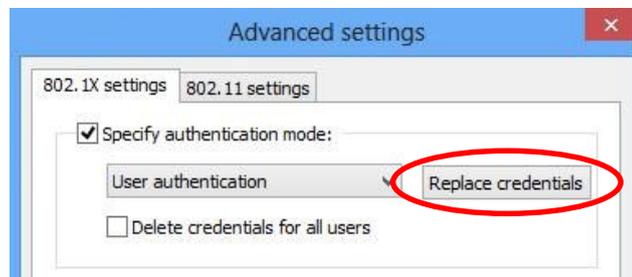

4. Click on the **"Security"** tab at the top of the dialog box.

5. Click on the **"Advanced Settings"** button near the bottom of the window.

Version: 1.4
Date: 14/9/2016

6. Click on the **"Replace Credentials"** button.

7. Type your new credentials into the box provided and click on **"OK"**. Click on **"OK"** on any other dialog boxes to close them.

Username: Your University email address
**Password:** Your University network password

Downloading and Installing the Certificate required to connect to eduroam (Only required if not already on machine)

Please Note: This step is only required if you have attempted to set up the eduroam connection and found that the required certificate is not already listed on your machine.

Ulster uses a **CA security certificate** for eduroam so that **you can check and have confidence that you are connecting securely to genuine Ulster servers only**. To ensure that your connection is secure, you need to install **"AddTrust External CA Root"** authority (CA). To do this, you will need to use another wireless network or connect to 3G.

1. Download the certificate file from the Ulster eduroam website at
   http://www.ulster.ac.uk/eduroam/ by clicking on the **"Download Security Certificate"** link.

2. When prompted, check the radio button beside/choose **"Open with"** or select **"Save File"** to save the file on your computer and then click on **"OK"**.

Version: 1.4
Date: 14/9/2016

3. When prompted with the following screen, click on the **"Install Certificate"** button.
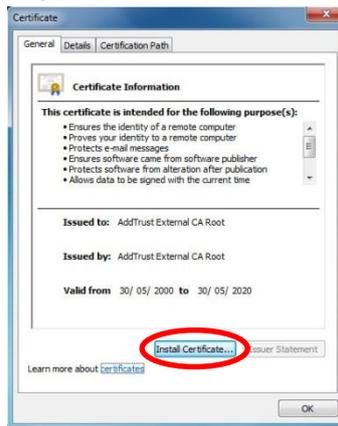
4. Click on the **"Next Button"** when the **"Certificate Import Wizard"** screen appears.


5. Select **"Place all certificates in the following store"** by clicking on/selecting the radio button to the left of it. Click on the **"Browse"** button.

6. When prompted with the **"Select Certificates Store"** screen, click on **"Trusted Root Certification Authorities"** as in the image below, and then click on the **"OK"** button.

7. Check that the **"Certificate Store"** now reads the same as in the image below and then click on the **"Next"** button to continue. Click on the **"Finish"** button.
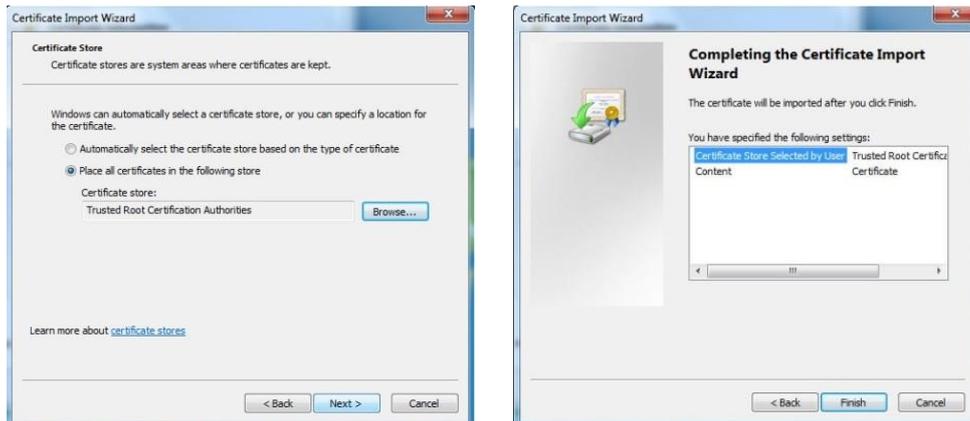
8. You should then be presented with the following screen to let you know the certificate has been sucessfully installed.

9