Wireless Connection - Mac 10.9+

You can use this guide to manually configure an MacOS 10.9+ Mac or Macbook to connect to the wireless services eduroam and ResNet.

- An automatic configuration tool XpressConnect is available online, try this first!

Usernames for connecting to wireless must include the @abdn.ac.uk part. Your username (e.g. u01abc9) would look like u01abc9@abdn.ac.uk when configuring wireless. Be aware that using Xpress Connect more than once eg eduroam and ResNet, will override previous settings.

Which service should I use?

eduroam

- eduroam is the recommended default wireless service for all staff and students. It provides staff and students with authenticated access to the University of Aberdeen’s wireless network. It also permits access to wireless networks at other participating institutions. All that is required is a University of Aberdeen username and password.

- visitors from participating institutions (see www.eduroam.ac.uk) can access the University of Aberdeen wireless network using credentials provided by their home organisation.

ResNet

- ResNet can be used by students who are resident in University Halls (Hillhead, Crombie Johnston, Elphinstone Road) when on site at these locations. It provides students with a room-level service in University of Aberdeen Halls of Residence. This is an extended service geared towards social use. When on campus, use eduroam.

Note: When connecting, you will also see the uoa-corporate service. This is not available for general access.

Before you start, check the following:

- You have a current University of Aberdeen username and password, or a username and password for a participating eduroam institution.

- You have a Mac or Macbook with MacOS 10.9 or above, with a built-in wireless card and version 4.2 of the Wi-Fi software utility.

- You have up-to-date anti-virus software.

Note: When connecting to our wired services, you are bound by Conditions for using IT Facilities, available online for students and staff.
Step 1: Enable the wireless card open Network Preferences

1. Turn the WiFi wireless card on, if not already enabled.

2. Go to WiFi menu at top right of your screen (the icon looks like a slice of pie).

3. Select Turn WiFi on.

   The next time you access the Wi-Fi menu, you should be able to see the University’s wireless networks, along with any other wireless networks you regularly use.

Step 2: Configure and Connect to eduroam

1. Go to the WiFi menu at the top right of your screen and select eduroam from the list of available networks.

2. A window will pop up requesting your credentials. Enter the following information:
   - **User Name**: your username in the format: \texttt{username@abdn.ac.uk} (e.g. \texttt{abc123@abdn.ac.uk}).
   - **Password**: enter your University password.
   - Tick the Remember this network checkbox.

3. Click Join.

Step 3: Verification

1. The first time that you connect, you may be presented with the Verify Certificate dialog. If so click Show Certificate.

2. Tick the Always trust “radius.abdn.ac.uk” checkbox, and click Continue.

3. You may be prompted to enter your Mac password to confirm this action. You should not need to perform this step again.

4. Now when you click the WiFi menu eduroam will be ticked indicating that you are connected to eduroam.
Step 4: Configure and Connect to ResNet, if required

1. Go to WiFi menu at top right of your screen and select ResNet.

2. Enter your credentials as follows:
   - User Name: your username in the format username@abdn.ac.uk (eg abc123@abdn.ac.uk or u01abc9@abdn.ac.uk).
   - Password: enter your University password.
   - Tick Remember this network.

3. Click Join.

4. When you click the Wi-Fi menu, ResNet will be ticked, indicating that you are connected to ResNet.

Moving between wireless networks

You can switch between the University’s wireless networks easily by selecting the desired network from the Wi-Fi menu. Provided you have configured each network separately, you won’t need to enter your username and password again.

Troubleshooting

- Check that you have entered the correct username and password.
- Ensure you follow all the instructions in this guide.

Further information and help

Contact the Service Desk: https://myit.abdn.ac.uk

More information is available online at www.abdn.ac.uk/wireless