

Onboard to ECU's eduroam network – Linux

Faculty, Students and Staff

Onboard (connect) to the eduroam network by authenticating with your **registered** PirateID and installing a certificate to your wireless device/s. Eduroam access must be renewed every four years.

This document will outline the **Single SSID (directly connecting to eduroam)** method for connecting to the **eduroam** network.

IMPORTANT! If you are already connected to [ecu-wifi](#), navigate to <http://onboard.ecu.edu>, click “**Begin Onboarding Process**”, and **SKIP TO STEP 2**.

Off Campus:

If you are attempting to onboard from a location off ECU's campus, open a browser and navigate to <http://onboard.ecu.edu> and click the **Begin Onboarding Process** button.

You may then proceed to step 2.

Step 1.

Click the **Wi-Fi Networks** button at the top right corner of the screen.

Click the **eduroam** network. A window should open prompting you for authentication.

Click the **Authentication** drop-down menu and select **Protected EAP (PEAP)**.

Click the **No CA certificate is required** check box.

Enter your PirateID and passphrase in the **Username** and **Password** fields and click **Connect**.

If you are not automatically directed to the onboarding portal, open Firefox, navigate to <http://onboard.ecu.edu>, and click “Begin Onboarding Process”, and proceed to Step 2.

Wi-Fi Network Authentication Required

Authentication required by Wi-Fi network

Passwords or encryption keys are required to access the Wi-Fi network 'eduroam'.

Wi-Fi security: WPA & WPA2 Enterprise

Authentication: Protected EAP (PEAP)

Anonymous identity: |

CA certificate: (None)

No CA certificate is required

PEAP version: Automatic

Inner authentication: MSCHAPv2

Username: |

Password: |

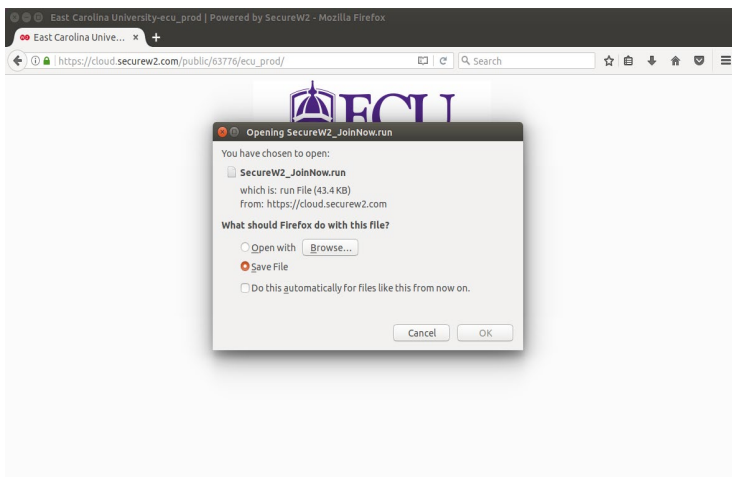
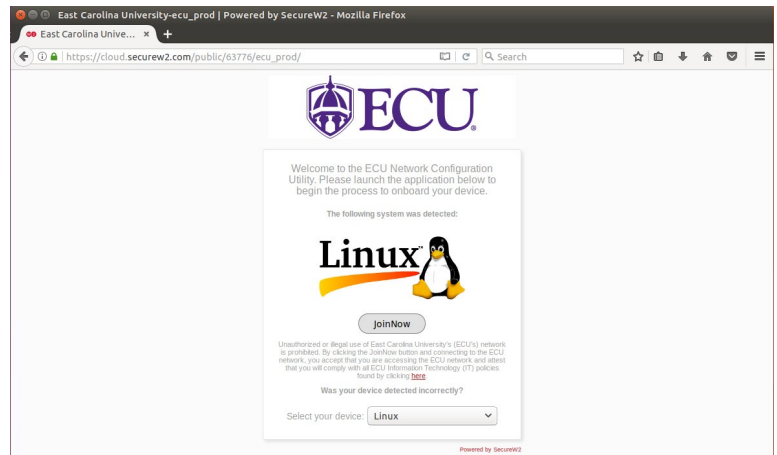
Show password

Cancel Connect

Step 2.

The onboarding portal will identify your operating system as a Linux system.

Click **JoinNow**.

**Step 3.**

After clicking **JoinNow**, your system will download the **SecureW2 Wrapper**.

SecureW2 is used to configure and connect your device to the **eduroam** network.

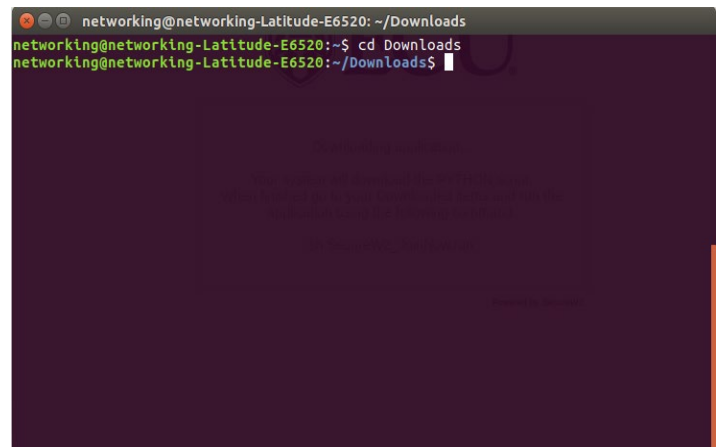
Click the **Save File** button, then click **OK**.

The **SecureW2 Wrapper** should have been saved in your **Downloads** folder.

Step 4.

Open a command-line terminal by right-clicking anywhere on your desktop's home screen, and selecting **Open Terminal** from the context menu.

Navigate to your **Downloads** folder using the **cd** command.



```
networking@networking-Latitude-E6520: ~/Downloads
networking@networking-Latitude-E6520:~/Downloads$ sh SecureW2_JoinNow.run
```

Step 5.

Once you're inside the **Downloads** folder, run the following command:

```
sh SecureW2_JoinNow.run
```

This will run the wrapper.

Step 6.

The wrapper will prompt you to enter credentials.

Enter your PirateID and passphrase.

```
networking@networking-Latitude-E6520: ~/Downloads
networking@networking-Latitude-E6520:~/Downloads$ sh SecureW2_JoinNow.run
Verification successful

Please enter your credentials

Enter your Username: woodalln17
Enter your Password:
```

```
networking@networking-Latitude-E6520: ~/Downloads
networking@networking-Latitude-E6520:~/Downloads$ sh SecureW2_JoinNow.run
Verification successful

Please enter your credentials

Enter your Username: woodalln17
Enter your Password:

Generating Key...
Enrolling Certificate...
Issued

Connecting...
Joined...

networking@networking-Latitude-E6520:~/Downloads$
```

Step 7.

Your credentials will be processed and you should receive a certificate.

You should now be connected to the **eduroam** network.

Note: You may need to disable and reenable your WiFi adapter to connect to eduroam. To do so, click the WiFi button at the top right corner of your screen, and deselect and reselect the "Enable Wi-Fi" option from the drop-down menu.

