

# Griffith University


## Manual Wifi Setup on Linux

The SecureW2 script does not work on some linux distributions. This guide shows how to manually connect to the Griffith Wifi when the SecureW2 script fails in linux using Gnome Desktop.

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# Get Certificate for Manual Setup

To connect manually to the Griffith University Wifi:



Follow these prompts to configure your device to securely connect to the Griffith University wireless network services.

The following system was detected:

When you have successfully signed in, fill the form to create certificate for your device.

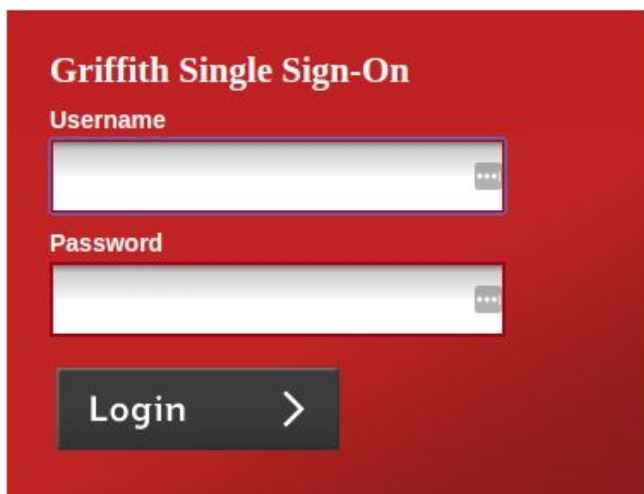
[Sign In](#)

Was your device detected incorrectly?

Select your device:

[Privacy Policy](#) [Powered by SecureW2](#)

Select **Unknown** from the dialog at [wifi.griffith.edu.au](http://wifi.griffith.edu.au) instead of the operating system that it has detected.  
Click **Sign In**.



**Griffith Single Sign-On**

Username

Password

[Login](#) >

You will be directed to the Griffith Single Sign on Dialog. Enter you details and click **Login**.

**Operating System**

Unknown

**User Description**

Linux

Back Create

Provide a name for your unknown operating system setup and click **Create**.

**Passphrase for private key**

Passphrase

|

Cancel Submit

Enter a **Passphrase** and click **Submit**. You will be prompted to download the .P12 private key file. Accept. Make sure to write down or remember the passphrase.



Follow these prompts to configure your device to securely connect to the Griffith University wireless network services.

The following system was detected:

Install the downloaded PKCS12 file containing certificate and private key

Please use the following settings to configure your device

SSID/NetworkName: Griffith University  
SecurityType: WPA2-Enterprise  
Encryption: AES  
EAP Type: TLS  
Inner EAP Type: PAP  
CA Certificate:

1. [QuoVadis Root CA 2 G3 \( Jan 12 2042 \)](#)

SSID/NetworkName: eduroam  
SecurityType: WPA2-Enterprise  
Encryption: AES  
EAP Type: PEAP  
Inner EAP Type: MSCHAPV2  
CA Certificate:

1. [QuoVadis Root CA 2 G3 \( Jan 12 2042 \)](#)

Was your device detected incorrectly?

Select your device:

[Privacy Policy](#)

Powered by SecureW2

A dialog presenting network settings will be provided for both **Griffith Wifi** and **Eduroam** Wifi networks. Click the download link to save the Certificate file. Both links are the same.

In Linux, if you already have a setup for **Griffith Wifi** or **Eduroam** select the **Forget Network** button on each to delete them prior to the next steps.

# Connect to Griffith University Wifi


Before starting, ensure that any prior network setup for **Griffith University** remove first by selecting **Forget Network**.

The following setup is for Gnome Desktop but should be similar in other Linux Desktop environments such as KDE and XFCE.



*Click on **Griffith University***

Wi-Fi Network Authentication Required



Authentication required by Wi-Fi network

Passwords or encryption keys are required to access the Wi-Fi network "Griffith University".

Wi-Fi security

WPA & WPA2 Enterprise

Authentication

TLS

Identity

s[redacted]@griffith.edu.au

Domain

CA certificate

[redacted].cer

CA certificate password

☐ Show passwords

☐ No CA certificate is required

User certificate

[redacted].cer

User certificate password

User private key

s[redacted]@griffith.edu.au.p12

User key password

.....

☐ Show passwords

Cancel

Connect

- Select **TLS** as the **Authentication**.
- For **Identity** enter your S Number followed by **@griffith.edu.au**
- Select the **CA certificate** file you previously downloaded. It will have a **.cer** extension.
- **User Certificate** also requires the same file as **CA Certificate**.
- Select the **User Private Key** file that was downloaded previously. It will have a **.p12** extension.
- Enter the **User key password**. It is the Passphrase you selected previously.
- Click on **Connect**. After a short delay linux should now be connected to the **Griffith Wifi** network.

# Connect to Eduroam Wifi


Before starting, ensure that any prior network setup for **Griffith University** remove first by selecting **Forget Network**.

The following setup is for Gnome Desktop but should be similar in other Linux Desktop environments such as KDE and XFCE.



*Click on **eduroam***

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

Domain

CA certificate


.cer

CA certificate password

☐ Show passwords

☐ No CA certificate is required

PEAP version

Automatic

Inner authentication


MSCHAPv2

Username

s@griffith.edu.au

Password

.....



☐ Show password

Cancel

Connect

- Select **Protected EAP (PEAP)** for **Authentication**.
- In **CA Certificate** select the previously downloaded certificate file. It will have a **.cer** extension.
- Choose **MSCHAPv2** for **Inner Authentication**.
- **Username** is your student **S Number** followed by **@griffith.edu.au**
- **Password** is the password you normally use to log on to other griffith services with Single Sign on.
- Click on **Connect**. After a short delay linux should now be connected to the **Griffith Wifi** network.