Networking
Connect to a WIFI network

The eduroam network is Florida Tech's wifi network for current Florida Tech students, faculty, and staff. Only devices that support the "WPA 2 Enterprise" security protocol will be able to connect, and make use of it. Most modern phones and computers will support this. Please follow the instructions [HERE](https://it-faq.fit.edu/it_faq/content/7/412/en/connect-to-a-wifi-network.html) in order to connect.

If you have a device, that does not support WPA2 Enterprise, like IoT devices, TVs or game consoles, please follow the instructions [HERE](https://it-faq.fit.edu/it_faq/content/7/412/en/connect-to-a-wifi-network.html) to connect to the FLTech-Dorms WiFi.

If you have a wired device on the residential network, you will first need to register it [here](https://it-faq.fit.edu/it_faq/content/7/412/en/connect-to-a-wifi-network.html) from within the FIT network. You will need your device's MAC address. You can search the web for "How to get <device name> mac address", and find specific instructions for your personal device.
Networking

Connecting to FLTech-Dorms:

1. You will first need to register your device's MAC address. To do so, follow [this link](https://it-faq.fit.edu/it_faq/content/7/412/en/connect-to-a-wifi-network.html), and fill out the required information. It is the same process outlined for wired devices above.
2. After you have successfully completed the registration process, on the device you want to connect select the WiFi network called "FLTech-Dorms". When prompted for a password, enter "FLTechPanthers".

Connecting to Eduroam:

Windows

1. Open the network icon in the lower-right corner of your screen. Find the **eduroam** SSID and choose it.
2. You will see a prompt to connect. Make sure **Connect automatically** is checked and choose **Connect**.
SonicWall NetExtender

fortissl

PanthAIR
Open

eduroam
Secured

- Connect automatically

Connect

InstructionalAT
Secured

PanthAIR-Guest

Network & Internet settings
Change settings, such as making a connection metered.

Wi-Fi
Airplane mode
Mobile hotspot
Networking

3. Enter your TRACKS username followed by @fit.edu. Example: blairb2014@fit.edu. Then enter your passphrase and choose OK.
Networking

4. You will see a prompt to accept a security certificate and choose Connect.
SonicWall NetExtender

fortissl

eduroam
Connecting

Continue connecting?
If you expect to find eduroam in this location, go ahead and connect. Otherwise, it may be a different network with the same name.
Show certificate details

Connect  Cancel

PanthAIR
Open

Network & Internet settings
Change settings, such as making a connection metered.

Wi-Fi  Airplane mode  Mobile hotspot
1. Choose the wifi icon in the top-right of the screen and choose the eduroam network.

2. You will be prompted to enter your TRACKS username followed by @fit.edu. Example: blairb2014@fit.edu. Then enter your passphrase and choose Join.
3. You will be prompted to Accept the certificate for the wireless network. Please choose **Continue**.

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**Android**

1. Make sure your wifi is turned on and open up the wifi networks. Tap on **eduroam** to connect.
2. Enter your TRACKS username in the Identity field followed by @fit.edu. Example: blairb2014@fit.edu. Scroll down to the password field, enter your passphrase, and choose Connect.
eduroam

EAP method

PEAP

Phase 2 authentication

MSCHAPV2

CA certificate

Use system certificates

Domain

fit.edu

Identity

blairb2014@fit.edu

Anonymous identity

Password

Cancel  Connect
Networking

If you can't connect, your device should be set to the following options:

**EAP method:** PEAP
**Phase 2 authentication:** MSCHAPV2
**CA certificate:** Use system certificates *Some devices do not have this option and must be set to **Do not validate** instead
**Domain:** fit.edu
**Identity:** [TRACKS username]@fit.edu
**Password:** Your TRACKS passphrase
eduroam

EAP method

PEAP

Phase 2 authentication

MSCHAPV2

CA certificate

Do not validate

No certificate specified. Your connection will not be private.

Identity

blairb2014@fit.edu

Anonymous identity

Password

Cancel      Connect
iOS

1. Open up Settings and choose Wi-Fi.
Networking

Wi-Fi

Wi-Fi

NETWORKS

- eduroam
- eduroam-registration
- InstructionalAT
- PanthAIR
- PanthAIR-Guest
- PanthAIR-Registration
- Other...

Ask to Join Networks

Known networks will be joined automatically. If no known networks are available, you will be notified of available networks.

Auto-Join Hotspot

Allow this device to automatically discover nearby personal hotspots when no Wi-Fi network is available.
2. Enter your TRACKS username followed by @fit.edu. Example: blairb2014@fit.edu. Then enter your passphrase and choose Join.

3. You may be prompted to accept a certificate. The information listed will be:
   - **Name:** pf.fit.edu
   - **Issued by:** DigiCert SHA2 High Assurance Server CA
   - **Expires:** 2/4/2021