Wireless

Eduroam for Faculty, Staff, and Students

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Some Devices known NOT to support WPA2-Enterprise:

The College's authenticated wireless network for Swarthmore college members (including those taking classes at Swarthmore) allows access to network resources and printers. The network provides a high level of security using WPA2 authentication and AES encryption. Please follow the connection instructions below to get started.

** Some devices, such as gaming systems and eReaders, do not support WPA2-Enterprise authentication. These devices will need to be registered for SwatDevice. Scroll down for more information about registering for SwatDevice. **

Eduroam for Swarthmore/Trico members and other participating institutions

Swarthmore members at Swarthmore, and other participating members (from eduroam enabled institutions), should use the eduroam network

1. Connect to the eduroam wifi network
2. When prompted, authenticate with your home institution username (including the @institution portion), e.g. jdoe@yourinstitution.edu
3. Enter your home institution password
4. Android devices, need manual setup and Phase 2 Authentication - choose MSCHAPV2
5. Swarthmore College members will also need to register their device - see the full eduroam connection directions below for more information.

SwatGuest for Guests

Visitors who do not have a College UserID and are not from an eduroam-enabled institution may use the wireless network called SwatGuest. Guests can use our self-service process to sign up for a temporary account. These accounts are good for four days.

Connection Instructions for eduroam

Faculty, staff, students, and Trico members with a swarthmore.edu email address use the following 3-step process to set up a wireless connection. Follow these steps for Chromebooks, CS X, Windows, Ubuntu computers, and IOS based phones and tablets. Android based phones and tablets need an additional configuration step. Other versions of Linux are not supported on our wireless network.

Connect to eduroam

These instructions will work for most devices however if you have an Android device, please reference the directions listed under the section titled Android Device.

1. Open wireless connection and choose the eduroam wireless network.
2. For username, enter your full email address (e.g. jdoe1@yourinstitution.edu).
3. Enter your password.
4. Click Connect or Join. It may take a few moments to connect.
5. Accept the security certificate if prompted, and follow any instructions to launch the registration webpage.

Register your Computer

After a few moments a webpage should open with the Swarthmore network registration process - if not, open up a web browser and go to any off-campus webpage (e.g. cnn.com), which will redirect you to the registration page. Enter your Swarthmore username (leave off @swarthmore.edu) and password, download and install SafeConnect to install the Policy Key. If prompted, install antivirus - an up-to-date and fully functional antivirus is required to obtain access to the network.

After installing the required software, it may take up to three minutes for your network connection to reconfigure. When it does, you should be online! If it does not automatically redirect you to the Swarthmore home page, open up a new tab or window, and try to go to your off-campus webpage again (e.g. cnn.com or facebook.com, etc.).
Android Device

Android devices need to be manually configured, and require an extra step (Phase 2 Authentication). Follow the instructions below - only fill in the following fields, and leave everything else set to the defaults (no need to change them):

- If you are prompted to choose a type of EAP (before Phase 2 Authentication), choose PEAP
- **Phase 2 Authentication** - choose MSCHAPV2
- **Certificates** - confirm that “Do not validate” is checked
- **Identity** - enter your full Swarthmore email address
- **Password** - enter your Swarthmore password

Click **Connect**, and follow the instructions above for device registration. If prompted to install a certificate, allow installation.

Registering Devices for SwatDevice

Some devices, such as gaming systems and eReaders, do not support WPA2-Enterprise authentication. These devices will need to be registered for SwatDevice. Only devices NOT capable of WPA2-Enterprise will be allowed on SwatDevice. To register a device for SwatDevice, you will need the device's MAC address. Instructions for finding the MAC address of many common devices can be found on the ITS Gaming and Other Devices webpage.

1. Check if device supports WPA2-Enterprise - this can usually be found in the device's documentation or manufacturer's website. Below is a list of devices known NOT to support WPA2-Enterprise
   - WPA2-Enterprise requires ability to enter unique user name and password
2. Get the device's WiFi MAC address - directions can be found on the ITS Gaming and Other Devices webpage
3. Contact the ITS Help Desk and request device registration - include type of device and the MAC address
   - Submit a help request ticket
   - email help@swarthmore.edu
4. Wait for email confirmation that your device has been registered - depending on how busy the Network Team is, this may take a few days

Some Devices known NOT to support WPA2-Enterprise:

- Kindle eReaders
- Xbox 360 S or Xbox wireless networking adapter
- Sony Playstation 3 and Sony PSP
- Nintendo Wii, Wii U, DS, DSi, 3DS, Switch
- Apple TV 1st and 2nd Generation
- Nook v1.5
- Roku HD/XD/XDS Streaming Player
- TiVo Wireless Network Adapter
- Google's devices

Contact the Help Desk at (610) 328-8513 or help@swarthmore.edu if you need assistance.