Summer resident or guest network access in an FSILG

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- Wireless
- Ethernet (wired network)
    - I have an MIT email account (username@mit.edu)
        - If you are unable to register using this method, but are an RA or other permanent resident:
    - I am a short-term (< 14 days) guest in an MIT FSILG and am trying to get network access in the building
    - I am a summer resident in a MIT FSILG and am trying to get network access in my building
    - I am a network contact for an FSILG and am trying to activate network access for a non-MIT guest or resident.
        - To enable network access in your house
        - To enable on campus network access:

MIT IS&T does not guarantee network or internet access for non-MIT students, staff or faculty. Houses make their own decision about whether or not they want to allow guests and summer residents to access the network in their building. Below are some resources for guests and network contacts who need more information about how to connect non-MIT residents to the network in an FSILG.

If you do not know who the network contact for my building is or how to contact them or if you have additional questions, please email ilg-net-help@mit.edu for clarification or to fill in additional information.

Wireless

Most guests and residents will want to use the MIT wireless network. If you have an @mit.edu email address, you should connect to the MIT SECURE wireless network.
If you do not have an @mit.edu email address, you should connect to the MIT GUEST

Ethernet (wired network)

I have an MIT email account (username@mit.edu)

When you start your computer on the wired or wireless network in your FSILG, you should automatically be prompted to register for the MIT network. If you are a full time student, staff or faculty member at MIT, use the appropriate link to register.

If you are unable to register using this method, but are an RA or other permanent resident:

This typically occurs if your account is not a full-time MIT staff member. For instance, if you have a guest account or if you're employed by a staffing agency that is not MIT Human Resources. (Not paid directly by MIT)

If this is the case:

1. Register your computer as a visitor on the MIT network
2. Email ilg-net-help@mit.edu and send the following information
    - Reason for email: Register on the MIT network
    - House you are living in
    - Affiliation with house (Staff member, RA, other...)
    - Email address you used to register as a visitor
    - Your MIT kerberos username (MIT email account)
3. IS&T will update your visitor registration to a regular registration

I am a short-term (< 14 days) guest in an MIT FSILG and am trying to get network access in the building

Guests that will be on the MIT campus or in an MIT building for two weeks or less can register as a visitor on the MIT network. Please see the following knowledge base article for clarification: http://kb.mit.edu/confluence/pages/viewpage.action?pageId=4272366

I am a summer resident in a MIT FSILG and am trying to get network access in my building

Summer residents living in MIT FSILGs are not guaranteed network access. Please see your house's network contact for information about connecting to the network. Your house manager should be able to tell you who your network contact is. ([What is a network contact?])

Many houses allow their summer residents to access the network. To do so, you will need to be provided a static IP address and manually configure your computer to access the network from within the building. This process is handled by the house network contacts and not by IS&T or the MIT Computing Help Desk directly.

I am a network contact for an FSILG and am trying to activate network access for a non-MIT guest or resident.

non-MIT guests or residents can be connected to the MIT network by assigning static IP addresses. IP addresses should be assigned according to the instructions laid out in the FSILG quick guide (http://ist.mit.edu/sites/default/files/support/FSILG-QuickGuide.pdf) Please fill in all applicable fields appropriately according to the Quick Guide and make sure that there is an accurate, up-to-date email address in the **contact** field.

You can follow the steps below to setup guest network access at your house:

To enable network access in your house

This will allow the computer to connect in your house and your house ONLY at MIT. It does not provide on campus network access.

1. Create a static IP address or reassign an address used by a previous summer resident. How to Create hostname with static ip address for FSILG network contacts
    - Houses will typically setup a small pool of floating address for their summer residents usually of the form: fsilg-summer-1.mit.edu or fsilg-guest-1.mit.edu. So, if you're in ATO, ten summer addresses would be: ato-summer-1.mit.edu - ato-summer-10.mit.edu
2. These addresses are now ready to go. Use moira lookup to get the IP address and set it up on the guest computer. The specific settings are:
    - IP address
    - Subnet Mask: 255.255.0.0
    - Gateway: your house's gateway (18.<sub>.0.1) where <sub> is the subnet for your house
    - DNS: 18.70.0.160, 18.71.0.151, 18.72.0.3

To enable on campus network access:

1. Follow the above instructions to create a static IP address **and** to setup network access in your house. You will have to wait **4 hours** after creating a static IP address for it to be active in the DHCP database. These steps may not work until that time has passed.
2. Once access within your house is working, go to the following web address on the guest's computer:
    - http://nic.mit.edu/dhreg/
3. Click the link labled: Proceed to the dynamic host registration form.
    - If you get an error message reading "You are not using a registered MITnet address. If you have recently registered one, please try again in about an hour." Please wait up to four hours.
4. Once this process is completed, update the computer settings to use DHCP

This should link the guests static IP address and MAC address in the MIT DHCP database and allow them to use the computer in other parts of campus.