How do I configure my computer to connect to MITnet via a wired Ethernet connection?

Q: How do I configure my computer to connect to MITnet via a wired Ethernet connection?

Ethernet cables are available free of charge from IS&T. You can pick one up in Building E17-106 between 9AM-5PM. You can also get ethernet cables from your dorm's Residential Computing Consultant (RCC).

Context
You are on campus and you have access to a wired Ethernet connection.

Answer
There are a few ways you can configure your computer to connect to MITnet using a wired Ethernet connection:

- Use a dynamically assigned (random) IP address
- Use a dynamically assigned (permanent) IP address reserved for your device and associated with its hostname
- See also

Use a dynamically assigned (random) IP address

This is the easiest method and is recommended for most users. See How do I register for DHCP service without an IP address? for instructions. You will be assigned a random IP address each time you connect to MITnet.

Use a dynamically assigned (permanent) IP address reserved for your device and associated with its hostname

Devices will be given a permanently reserved IP address associated with the devices registered hostname. See How do I register for DHCP service with a permanent reserved IP address? for instructions.

- This option is only available for MIT students, faculty or staff with valid Kerberos IDs.
- If you choose this option, the reserved IP address will only be assigned while on your home network (i.e. while in the building where you registered). You will be assigned a random IP address if you leave your home network. Multiple registrations for the same device are not permitted.

See also

DHCP Service at MIT