Computing at the INI

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Your Andrew Account

- [www.cmu.edu/computing/accounts/](http://www.cmu.edu/computing/accounts/)

- Provides access to many campus resources:
  - Email
  - Computer labs and AFS home directory
  - Campus Web services ([student info](http://www.cmu.edu/computing/accounts/), registration, etc.)
  - Campus network (via [NetReg](http://www.cmu.edu/computing/accounts/))
  - Help at: [it-help@cmu.edu](mailto:it-help@cmu.edu) or 412.268.4357
Your CMU ID Card

• Issued by The Hub (Lower level of Warner Hall)

• [www.cmu.edu/idplus/idcards/](http://www.cmu.edu/idplus/idcards/)

• Required to access INI building (4616 Henry St.)

• Required for printing
Network Access

• Campus-wide wireless (ssid=“CMU”)

• Wired (ethernet) outlets throughout the INI bldg.

• Requires one-time registration of each network interface (MAC Address) with valid Andrew login
  – First off-campus Web session redirected to registration system

• Help at it-help@cmu.edu or 412.268.4357
Printing

- [www.cmu.edu/computing/clusters/printing/](http://www.cmu.edu/computing/clusters/printing/)
- Install software and drivers on Windows or OS X
- Use “Andrew Central B&W” print queue
- Printouts may be released from any of three stations at INI, or at any [campus computer lab](http://www.cmu.edu/computing/clusters/printing/)
- CMU ID card required to release printouts
Computing Resources

• 10 lab machines (Fedora) on 2nd floor of the INI
  – Useful as backup to your primary machine (laptop)
  – For support, email ini-help@andrew.cmu.edu

• Campus computer labs (a.k.a. “clusters”)
  – Remote ssh to unix.andrew.cmu.edu
  – See map for campus locations
  – Help at it-help@cmu.edu or 412.268.4357

• Class-specific resources assigned by instructors
Software

• www.cmu.edu/computing/software/ for access to site-licensed software for CMU affiliates

• Microsoft DreamSpark: developer and design tools, OS images, etc.
  – Used to be known as MSDN Academic Alliance
Beware of phishing scams!

- Legitimate CMU personnel will NEVER ask for your password!
- Official notifications ALWAYS originate from a campus email address, and may be verified at www.cmu.edu/computing/news/
- “Urgent” flash/javascript/etc. popup windows asking you to update/install unfamiliar security software
Security (cont’d)

• Back up your data frequently

• Keep your software up to date
  – Don’t forget software installed separately from your OS (e.g. Adobe products, Java, etc.)
  – Generally, be aware of what’s installed and running on your computer

• Visit [www.cmu.edu/iso/](http://www.cmu.edu/iso/) for tools and links on how to protect yourself and your computer from online threats
Security (cont’d)

• Central IT is diligent about monitoring the network, scanning for infected, unpatched, or otherwise vulnerable machines, and logging network activity.

• Abuse of the CMU network can and will be traced back to you, resulting in suspension of network access:
  – Spreading malicious software (intentionally or not)
  – Excessive use of Internet bandwidth
  – Unauthorized sharing of copyrighted materials
You Should Know About the DMCA!

- One of the three big risks you face on the network (along with malware and phishing)
- Typically, when you download something using e.g. the BitTorrent protocol, your client will also share “chunks” of the partially downloaded file with other “peers”
- This makes you visible to agents of copyright enforcement organizations, who will then file a DMCA notice with CMU’s Information Security
- Student DMCA process is posted at www.cmu.edu/iso/aware/dmca/process.html
Additional Questions and Support

• Contact ini-help@andrew.cmu.edu

• See me at 4616 Henry St., Room #126

• These slides can also be downloaded from:
  http://www.ini.cmu.edu/current_students/ini_orientation_computing.pdf