

Class Two: Computer Misuse

Administrative

- Next Time: 42-71 and handouts
 - Available on website (paulohm.com)
- Class participation requirement
 - Sign up today:
 - Present Paper or Respond to Reading?
 - Select Three (3) dates for responding to the reading.
 - More on podcasting and blogging
 - Posts due by Sunday, Noon.
 - Audio recorder now available! → Must check it out and return it before Friday PM
 - EVERYBODY must listen/read responses before class.
- Paper Topics
 - Due in two weeks (start of class)
 - Topic Idea Document distributed (twice) via e-mail
- News → HP's Pretexting Fiasco 🤔

Terms

- Skype
- Linux
- IRC
- Logs
- ISP
- TCP/IP
- IANA
- Router
- LaTeX
- Hacker
 - Crackers
 - Black Hat Hackers
- Phone phreakers
- Packets
- Boot Camp
- Servers
- White Hat Hackers
- Computer Virus
- IP Address
 - Internet Protocol Address
 - An identifier—a string of numbers—uniquely associated with every Internet terminal that is dynamically provided or statically assigned which allows users to communicate with each other.
 - A string of numbers that identifies a computer's location on the Internet.
- MAC Addresses

Last Time

- Viruses
- Worms
- Trojan Horses
- Denial of Service
- Network Security
- Social Engineering
- log files
- Proxy Servers
- MAC Address
- Protocols
- Batch File
- Phishing
- Nmap Scans

Themes

- Old Wine, New Bottles?
- Privacy versus Security
- Metaphor
- The Regulability of the Internet
- Hacker Ethic
- IP Addresses and Tracking

What is Computer Misuse?

- Are computers more vulnerable than physical world targets?
- Why are computers so vulnerable?
 - Bugs
 - Tied to inherent openness of software
 - Code is written quickly
 - Automation
 - Non-bugs can also be used to exploit a computer.
 - All-the-time connection
 - No driver's licenses to use the Internet.
- Other reasons for so much computer crime → More attackers
 - lenient punishments
 - privacy of your own home
 - less threat of physical risk (to you and others)
 - disassociated from effects
 - The Hacker Ethic

Using Older Statutes to Punish

Using Dedicated Statutes to Punish

CFAA