

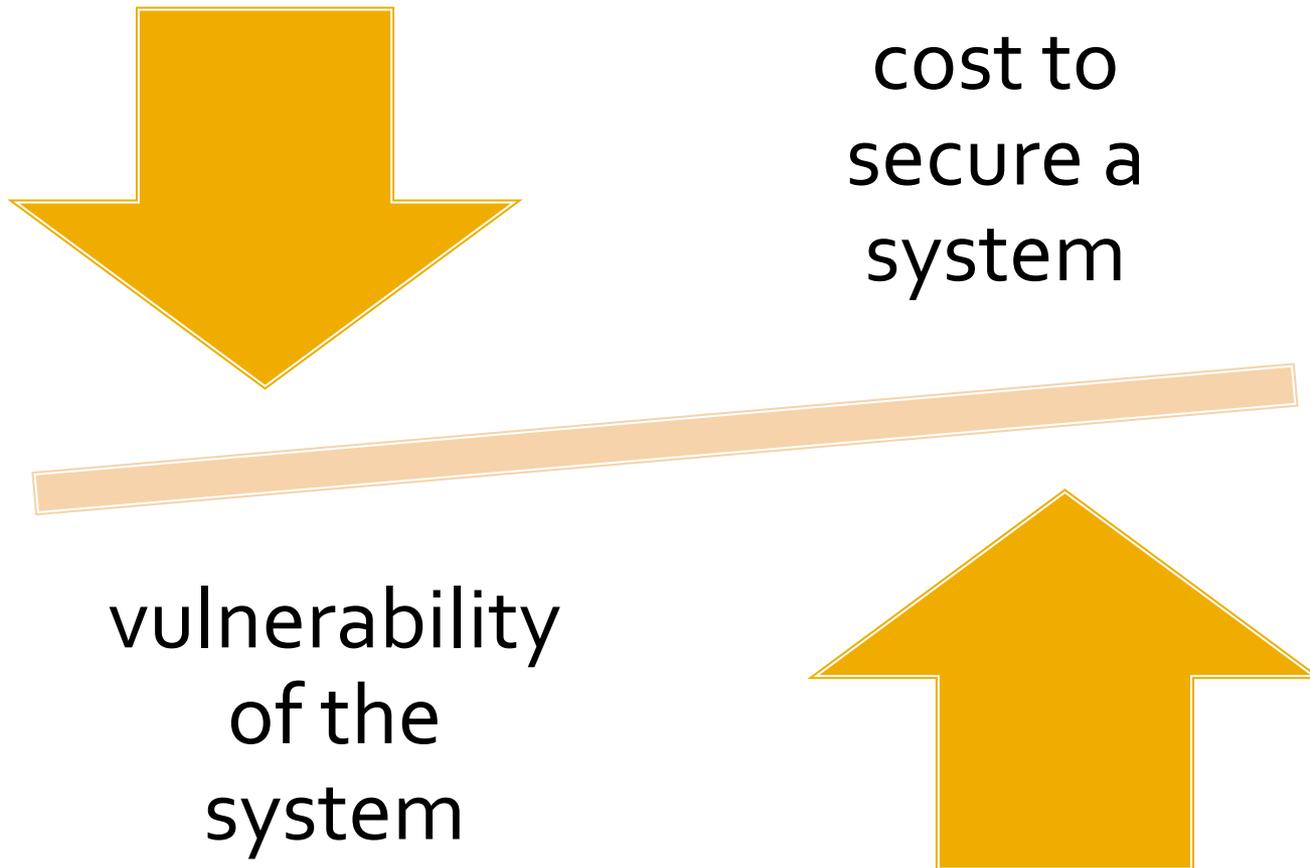
The Evolution of Crime and the Internet: *A 20 Year Journey to Today's Threats*

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Today's Learning Points

- Be situationally aware
- Trust no one
- There is no such thing as true security
- You can reduce your risk

Mayfield's Paradox



Securing Systems

- It is no longer enough that your system is secure
- Everyone shares a common system
 - Government
 - Private Industry
 - Education
 - Homes
- Now add the human element

Before AOL

- The Internet has removed our moral speed bumps
 - The brick and mortar world requires:
 - Showing up
 - Confrontation
 - Immediate consequences if you are caught
 - On-line acts require:
 - Never leaving your house



Everything that makes your life easier *also makes criminal activity more efficient*



- In 20 years these functions are now in a single smart phone



In the 90's



Technology is repackaging old tricks and increasing its reach

- Answering machine
 - + AOL = Harassment
- Magazine subscriptions
- Cordless phones
- Vandalism
- Polaroid Camera



ID Theft Circa 1998 to today



Baby Insane Crip Gang



419 and its Progeny

- French revolution: I was valet to the Marquis and he had to hide his gold in a well . . .
 - Grandparent call
 - IRS / Court / your going to be arrested call
 - Advance fee scam

Cellular Mules



In the 2000



- How someone else can read your email



Microsoft®
Hotmail®



George Bronk

facebook®

- 3200 email accounts
- 172 accounts with private photos



Double Authentication *and Social Engineering*

- Protecting yourself from password reset



Stalking by Proxy



The screenshot shows the Craigslist homepage with various navigation and search options. On the left, there are links for 'post to classifieds', 'my account', and 'search craigslist'. Below these is a 'for sale' dropdown menu and an 'event calendar' showing dates from 27 to 9. The main content area features a large 'craigslist' logo and a grid of category links including 'activities', 'artists', 'childcare', 'general', 'groups', 'pets', 'events', 'lost-found', 'musicians', 'local news', 'politics', 'rideshare', 'volunteers', 'classes', 'apartment', 'rooms', 'sublets', 'housing', 'vacation rentals', 'parking', 'office', 'real estate', 'accounting', 'admin', 'arch', 'art', 'biotech', 'business', 'education', 'food', 'government', 'miscellaneous', 'prohibited', 'spam', and 'best of craigslist'. A 'personals' section is also visible with a 'strictly platonic' filter.

[email this posting to a friend](#) [fresno craigslist](#) > [casual encounters](#)
please [flag](#) with care:

[miscategorized](#)
[prohibited](#)
[spam/overpost](#)
[best of craigslist](#)

I need a man soo bad!! - w4m - 41

Reply to: pers-419993570@craigslist.org
Date: 2007-09-13, 1:35PM PDT



Cyber Exploitation



You Got Posted™ is for ADULTS ONLY. If you are under 18 years old, [exit](#). You must agree to our [terms](#) before accessing this site.

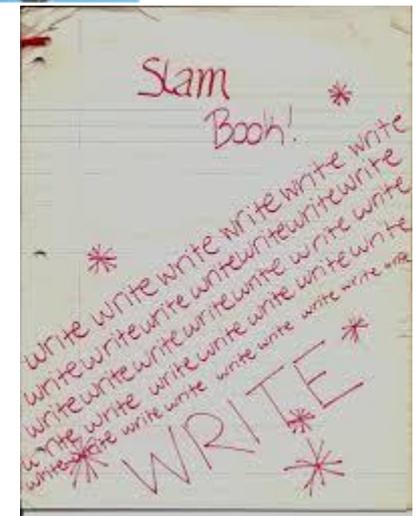
-
- Your E-Mail (required)
- Full Name (Who are they?) (required)
- Location (City, State, Country) (required)
- Age (Only 18+) (required)
- Facebook Link (required)
- Other Links (Twitter, Tumblr, Etc.)
- Tags
- Terms (required)
- I have read and agree to YouGotPosted.com's [Terms of Use](#)
- I CONFIRM THAT I AM AT LEAST 18 YEARS OLD AND THE PERSON BEING POSTED WAS AT LEAST 18 YEARS OLD AT THE TIME THE PHOTOS WERE TAKEN AND WILL PROVIDE [2257 RECORDS](#) UPON REQUEST.
- Images and Videos (required)

Criminal Threats

- Is it unequivocal, immediate, and specific to convey to the person a gravity of purpose and immediate prospect of execution?
 - Creepy dark poetry doesn't count
- How do you evaluate the gravity of the threat when you do not know the suspect?
 - Threat assessment matrixes cover items like mobility, geographic proximity, familiarity, access to weapons, and so on.

And if is not a criminal threat?

- Creepy blog post
- Defamation
- Mean things that people say that are not true



What About Site Liability?

- Communications Decency Act - 47 U.S.C. § 230
 - No provider or user of an interactive computer service shall be treated as the publisher or speaker of any information provided by another information content provider
 - Expressly preempts any state law to the contrary

Dealing with the CDA

- There is a distinction between:
 - “interactive computer services,” which merely transmit information and
 - “information content providers” that create or develop, in whole or in part, information eventually transmitted.
 - See 47 U.S.C. § 230(f)(2) and (3).
- The former may be exempt from tort liability whereas the latter is not.
 - See id. §§ 230(c)(1), (e)(3), (f)(2) and (3).

Proposition 47

POSSESSION OF STOLEN PROPERTY

- Must show \$950



Augmented Reality



Other Issues

- Spyware
 - Key loggers
 - Video cams
 - Good guesses
 - Curious case of Charles Schwab
 - Spoofing e-mail and web bugs
- Malware
- Phishing
- Tracking
- Finding your suspect
- Who is policing the internet?



Government Agency?

- Redo your computer or digital device use policy.
- A government entity shall not do any of the following:
 - Compel information from a service provider
 - Access electronic device information
 - Exceptions to this prohibition include:
 - “Specific consent” of the authorized possessor
 - “Owner” of the device can only consent to location information if the device is lost or stolen.
 - See Penal Code sec. 1546 et seq.