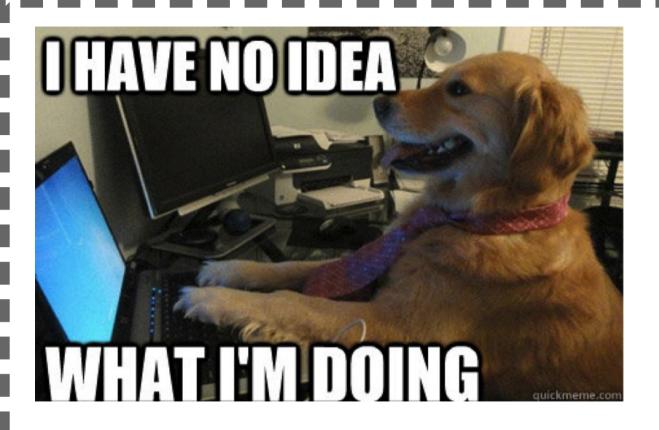
ONLINE PRIVACY WITHOUT TEARS



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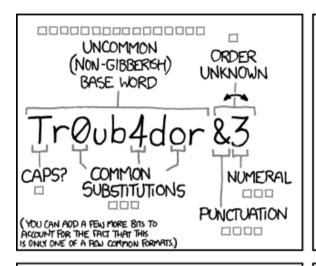
https://libraryfreedomproject.org/resources/onlineprivacybasics/

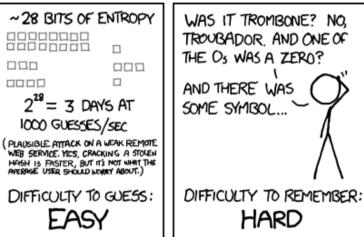
The only link you need!

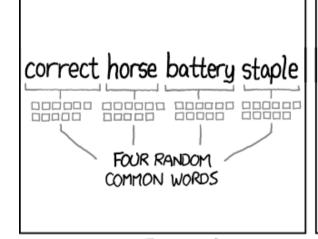
THE PROBLEM

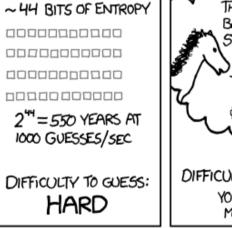


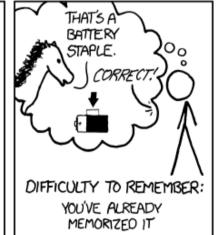
PASSWORDS











THROUGH 20 YEARS OF EFFORT, WE'VE SUCCESSFULLY TRAINED EVERYONE TO USE PASSWORDS THAT ARE HARD FOR HUMANS TO REMEMBER, BUT EASY FOR COMPUTERS TO GUESS.

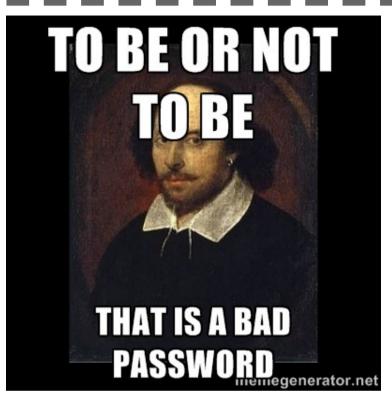
- -high entropy COMPLEXITY! LENGTH! NO PATTERNS!
- -master passphrase with diceware
- -password manager

1Password (very good, \$)

LastPass (kind of good, free)

KeePassX (very good, free, difficult!)

- -2factor authentication
- -mobile passwords



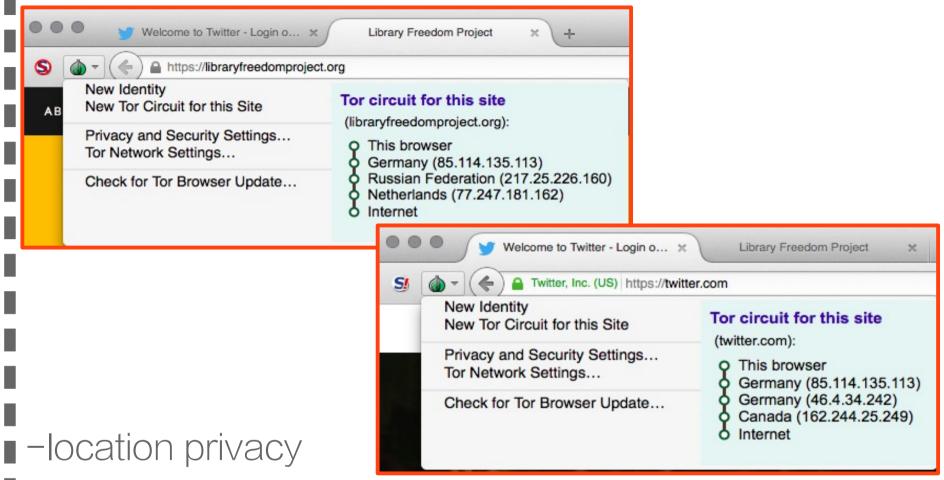
SOFTWARE UPDATES



BROWSERS

- -what is a web browser?
- -what is a browser extension?
- -Google Chrome vs Tor Browser
- -when to use each browser

TOR BROWSER



- -prevent sites from correlating your browsing
- -hide from ISPs, network operators
 - -Tor extensions: HTTPS Everywhere and NoScript
- -Tor best practices

CHROME + EXTENSIONS

How is Chrome more secure?

- -Safe Browsing
- -sandboxing
- -auto updates
- -HSTS support

Why is Chrome not-so-private?

- -cookies
- -analytics
- -other unique identifiers
- -Privacy Badger
- -uBlock Origin
- -Disconnect search engine



This is a real image from an online marketing company.

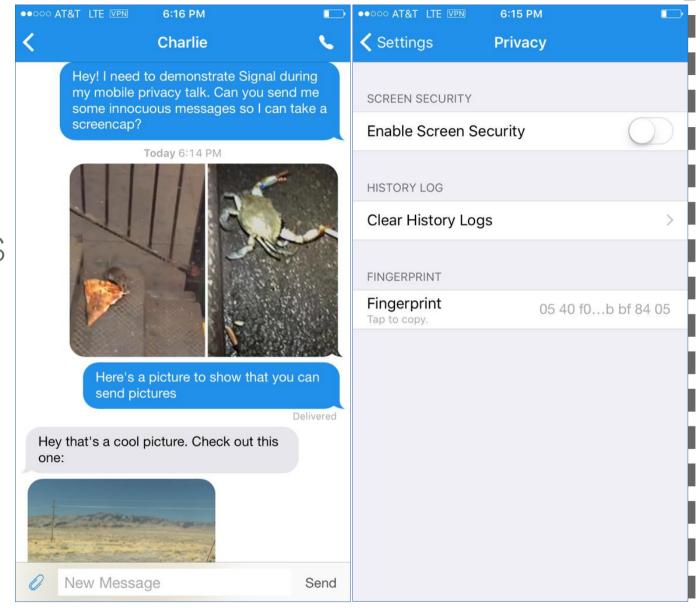


- -what is encryption?
- -http vs https
- -how to tell the difference
- -be mindful of security warnings!

MOBILE DEVICES

- -Mobile devices: pretty hopeless!
- -The evil baseband
- -Android vs iOS
- -compartmentalization
- -mobile device passwords
- -mobile device encryption
- -The Guardian Project (Android)

Encrypted
texts and calls
with Signal (iOS
and Android)



DISK ENCRYPTION



- -What does disk encryption do?
- -First: make backups (this can also help if you get malware)
- -FDE OS X: Filevault
- -FDE Windows: Bitlocker
- -volumes, folders, and files: Veracrypt

MALWARE

- -phishing and social engineering via malicious links, malicious attachments
- -scary as heck ransomware
- -how can I tell if I've been attacked?

antivirus: ClamAV antimalware: MalwareBytes (Windows only, free vs pro) VPN

- -what is a VPN?
- -what to look for in a VPN
- -VPNs and trust
- -some options
 - -Bitmask (Android and Linux)
 - -Private Internet Access (iOS, OS X, Windows)

OTHER STUFF

- -Never ever use Flash for anything, remove it right now
- -Email
- -Social media
- -Cloud services
- -public wifi

EXTRA CREDIT

-Surveillance Self-Defense (EFF)

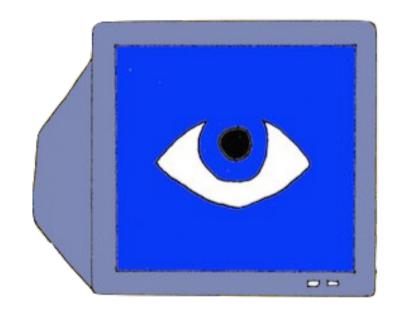
- -Schneier's blog
- -LFP resources



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