

Digital Security Training

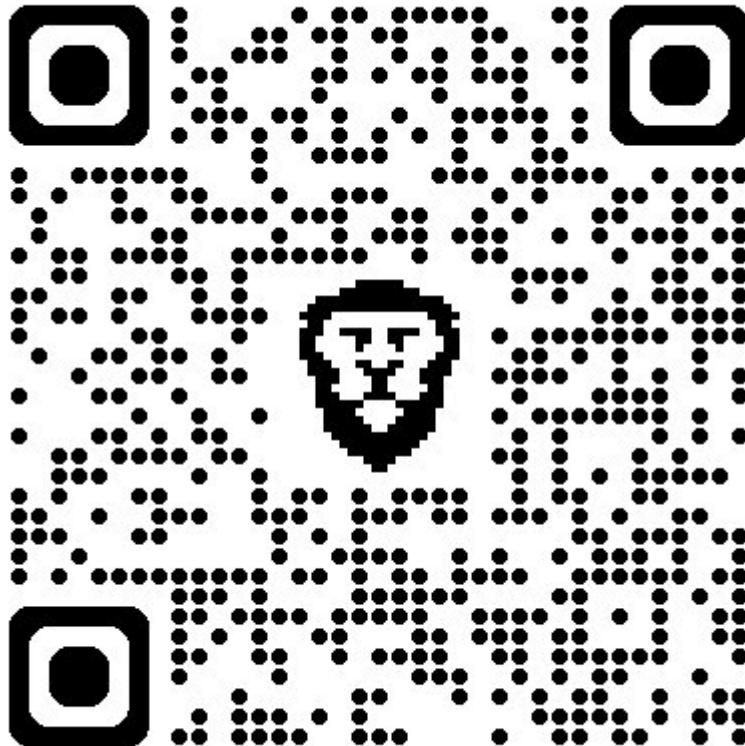
20 minutes - Link

Protect yourself

- **FOR: your livelihood, employment, admission, legal status, immigration status, etc.**
- **FROM: State and state collaborators Police, Feds, Canary Mission, Data Brokers, Doxing Websites, Holistic Digital Discrimination**

<https://remover.visiblelabs.org> (open
source Incogni)

Request to remove data
from data brokers



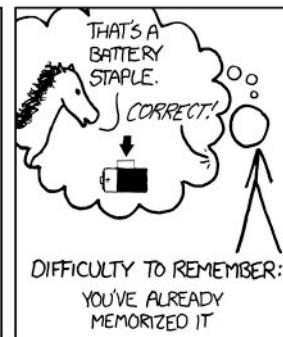
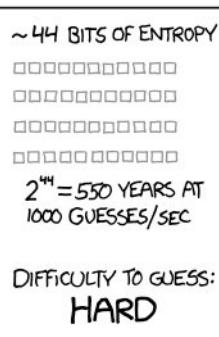
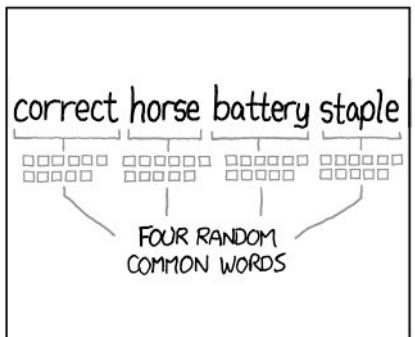
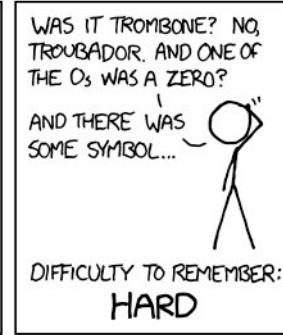
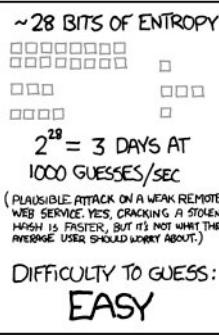
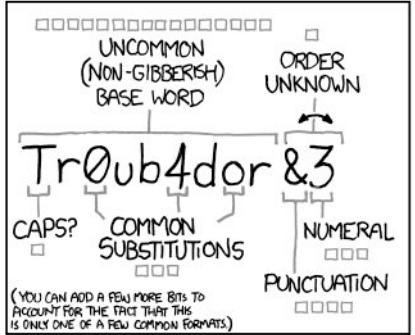
What Exactly are We Protecting?

- PII: Personal Identifiable Information

Name
Address
Face
Audiovisual
SSN
IP Address
Credit Card
ID #
Any Account #
Location
Interests
Etc.

- Doxing: Having *any* PII leaked *nonconsensually*

Use Good Passwords



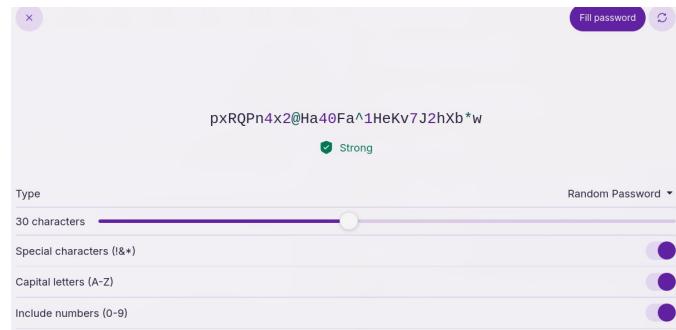
THROUGH 20 YEARS OF EFFORT, WE'VE SUCCESSFULLY TRAINED EVERYONE TO USE PASSWORDS THAT ARE HARD FOR HUMANS TO REMEMBER, BUT EASY FOR COMPUTERS TO GUESS.

For Master Passwords:

Follow the Correct House Battery Staple paradigm

For Everything Else:

Generate a random password using a password manager like proton pass or bitwarden



Actionable Steps

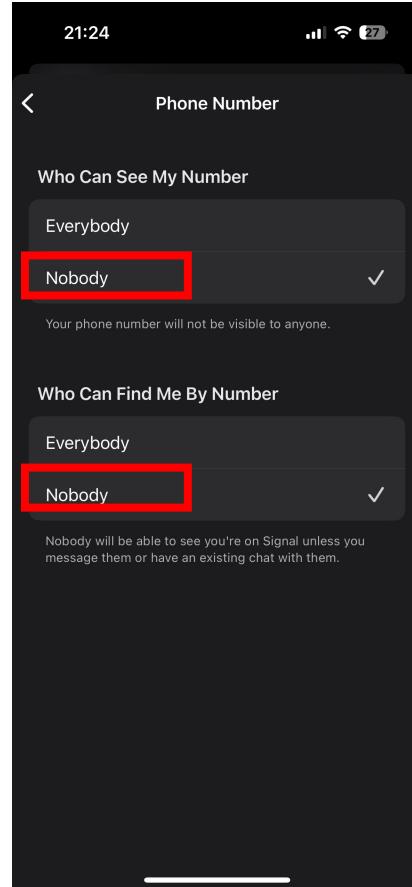
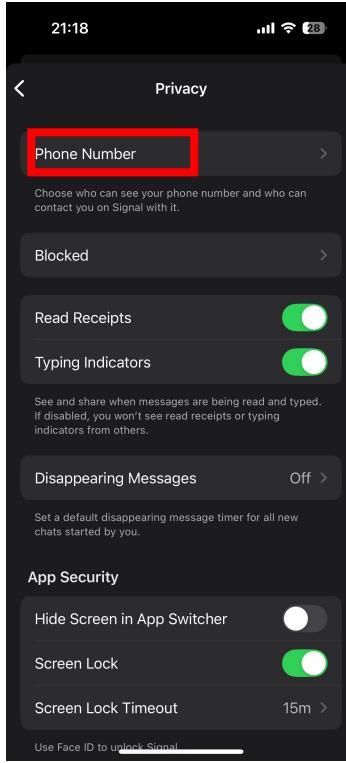
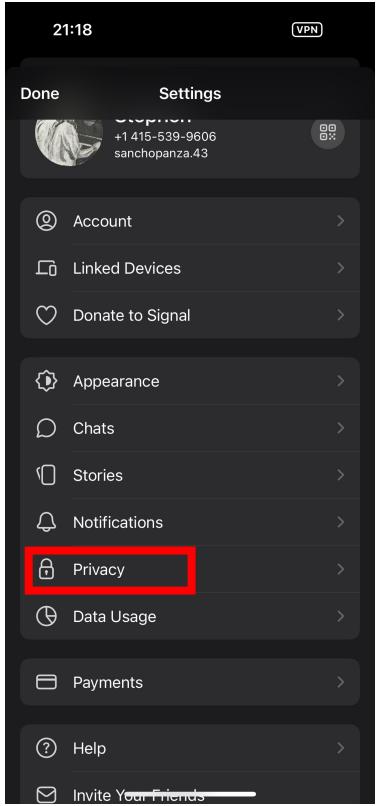
- Use a VPN (Mullvad, Proton Vpn)
- Stop Using Google Chrome (Brave, Firefox, Zen)
- Proton Mail instead of Gmail
- Use Linux instead of Windows, Pick a distro with <https://distrochooser.de/>
- Use a password manager (Proton Pass, Bitwarden)
- Use 2FA (Auth app, proton auth, ente auth)
- Google Drive alternatives: Cryptpad (for docs, sheets, etc.), Proton Drive
- Online meetings: Jitsi, Element

- Stop using iMessages, Whatsapp or any proprietary messaging apps.

A	B	C	D	E	F	G	H	I
	Funding/Company	E2EE Option?	E2EE By Default?	Open Source?	Transparency Report?	Information to Register	Metadata Collection	
SMS	Open Standard	No	No	--	--	Phone number	Everything	
FB Messenger	Facebook	Yes	No	No	Yes	Facebook account	Everything	
WhatsApp	Facebook	Yes	Yes	No	Yes	Phone number	Everything	
iMessage	Apple	Yes	Yes	No	Yes	iCloud account	Everything	
Wickr	Amazon	Yes	Yes	Crypto Code Only	Yes	Nothing	Some	
Telegram	Pavel Durov	Yes	No	Clients & API Only	No	Phone number	Some	
XMPP	Open Standard	Yes (OMEMO or PGP)	No	Yes	--	Nothing	Some	
Session	Independent	Yes	Yes	Yes	Yes	Nothing	Minor/None	
Threema	Independent	Yes	Yes	Clients Only	Yes	Nothing	Some	
Signal	Independent	Yes	Yes	Yes	Yes	Phone number	Minor	
Matrix	Open Standard	Yes	Yes	Yes	--	Nothing	Leakage Issues	
Briar	Independent	Yes	Yes	Yes	--	Nothing	--	
	Encrypted Cloud Backups?	Timestamp/IP Logs	Security Audits?	Onion Routing?	Destructing Messages	General Concerns		
SMS	--	--	--	No	No	No security at all.		
FB Messenger	?	Yes	No	No	Yes	Facebook, no default E2EE, proprietary, metadata!		
WhatsApp	?	Yes	No	No	Yes	Facebook, phone # req., proprietary, metadata!		
iMessage	No	Yes	No	No	No	Apple, iCloud account, proprietary, metadata, unsafe cloud backups!		
Wickr	N/A	No	Yes	No	Yes	Amazon, mostly proprietary		
Telegram	?	Yes	Yes	No	Yes	No default E2EE, phone # req., closed server, metadata		
XMPP	?	? (Assume so)	More-or-less	No	No	No default E2EE, possible metadata issues		
Session	No	No	Yes	Yes	Yes	No encrypted cloud backups		
Threema	Yes	No	Yes	No	No	Closed server, metadata		
Signal	N/A	No	Yes	No	Yes	Phone # req,		
Matrix	?	? (Assume so)	More-or-less	No	No	Metadata leakage		
Briar	N/A	No	Yes	Yes	? (Assume no)	None		



Signal Phone Number Removal



**In General only use open source
and federated software unless
absolutely necessary**

Find here: <https://alternativeto.net/>

When Going Somewhere...

- Go with a buddy or group
- Wear a mask and non-identifiable clothing
- Ideally use a burner or old phone
- Turn off biometric security (fingerprint, face, etc.)
- On BART, Use a non-digital wallet, non-school affiliated Clipper card, paid in cash
- If detained Power Off Phone

EVERY ACTION NOW IS A HIGH RISK ACTION

Digital Cleanliness and Good Practice

- **Don't need it? Delete It!**
- **If in chats with people whose phones were confiscated:**
 - Remove them from chats
 - Leave & delete chats
 - Change Signal Username
- **Don't connect to public wi-fi networks (without VPN)**
- **Don't click on unknown/expected links, downloads, etc.**
- **Wipe Thoroughly and Often**
- **Be Mindful of Social Media**
- **Be mindful of public likes, reposts, etc.**
- **Try to migrate off of Big Tec Social Media Platforms**

**Digital Security is not just for you,
it's for everyone you work with
and interact with.**

**If one person is vulnerable, all of
us are vulnerable.**

Questions

- Ask [@sanchopanza.43](#) on signal