

## **Cybersecurity for Activists**

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## Overview

- Securing your Devices from assailants
- Encrypting files and media
- Destroying sensitive information
- Browsing Anonymously and securely
- Secure Communication via Phones/PCs



## Mindset

- What
- · Who
- How

- · How
- How



### Mindset

- What do you want to protect?
- Who do you want to protect it from?
- How likely is it that you will need to protect it?
- How bad are the consequences if you fail?
- How much trouble are you willing to go through in order to try to prevent those?

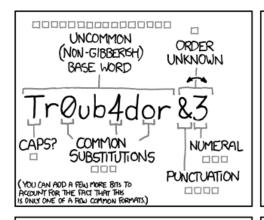


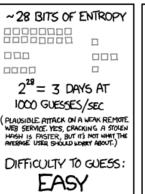
#### Mindset

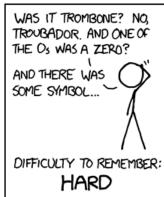
- DO use good passwords on ALL devices and services (2FA)
- DON'T leave your devices unattended
- DON'T connect to non-secure networks and devices
- DON'T mix and match identities
- DON'T connect to networks if airgapped



#### **Passwords**







correct horse battery staple	
FOUR RANDOM	
COMMON WORDS	

~44 BITS OF ENTROPY	THAT'S A
00000000000	BATTERY 200
0000000000	CORRECT!
00000000000	[ ( ) [ ( )
0000000000	
2 <sup>44</sup> =550 YEARS AT 1000 GUESSES/SEC	
DIFFICULTY TO GUESS:  HARD	DIFFICULTY TO REMEMBER: YOU'VE ALREADY MEMORIZED IT

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.



# **Password Managers**







## **Encryption**



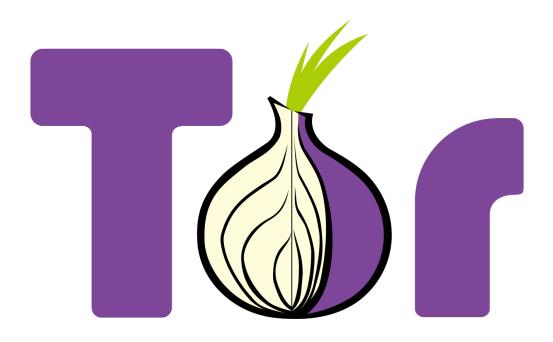


## **Secure Deletion**





## **The Onion Router**





## **The Onion Router**

- DON'T confuse darknet and clearnet accounts
- DON'T use your real identity on the darknet
- DON'T register servers of your criminal enterprise with your real name
- TL;DR Don't doxx yourself



## **Secure Communication**

#### **Secure**

- · Signal
- Whatsapp/Telegram
- · Email/PGP

#### **Anonymous & Secure**

- · Threema\*
- CryptoCat
- · GNU Ring



## Resources

Surveillance Self Defense (EFF)

PrivacyTools.io

Security In A Box (TacticalTech)

(me)



## **QUESTIONS?**

# Please send questions or comments to bzaidan@studentsforliberty.org PGP: 92CB6C00

