Personal Digital Security

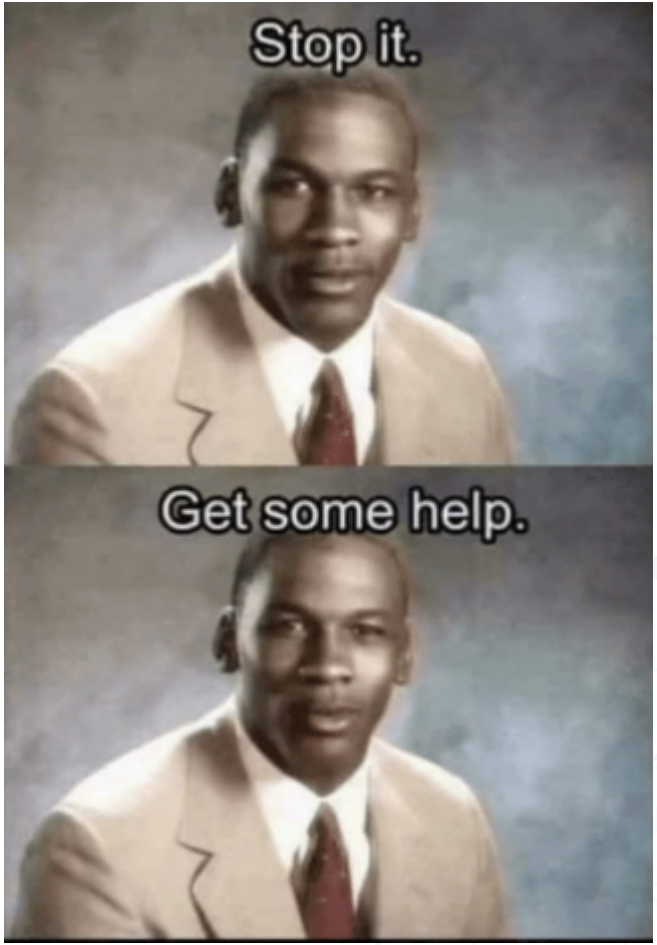
757BTC Education Series

Topics

- Password Manager
- Digital Hygiene
- Don’t Trust Verify
- Identity

Personal Digital Security

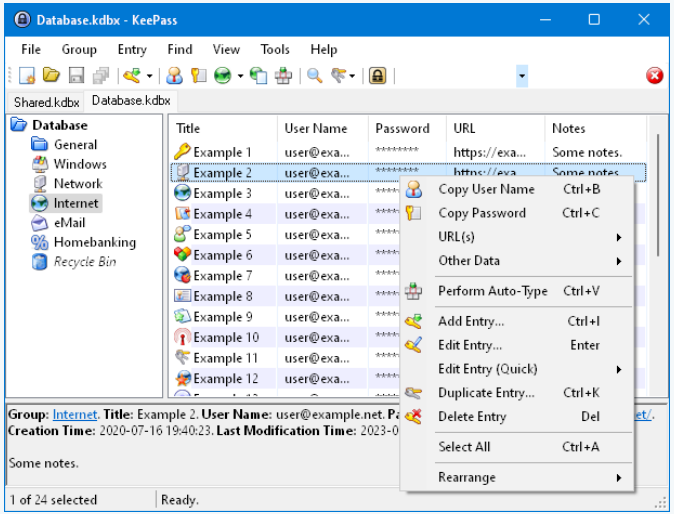
- Password Manager
- STOP IT
  - making simple passwords
  - reusing passwords
  - using google and apple password manager

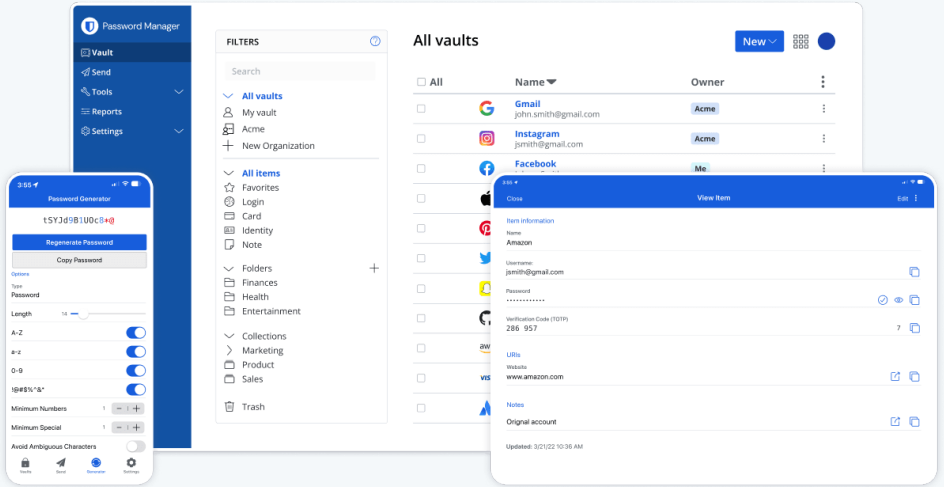


Tools to use: Free and Open Source (FOS)

Keepass

Bitwarden





Pro’s and Con’s

Keepass

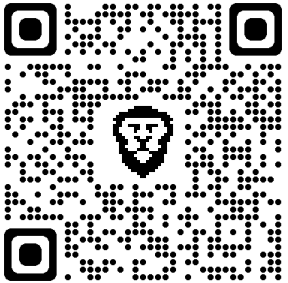
- file based
  - can store encrypted file on a shared drive
  - multiple users can access copies of the file

Bitwarden

- Web service
  - host your own Bitwarden site
  - create multiple users (business, family)
  - share accounts with others

https://keepass.info

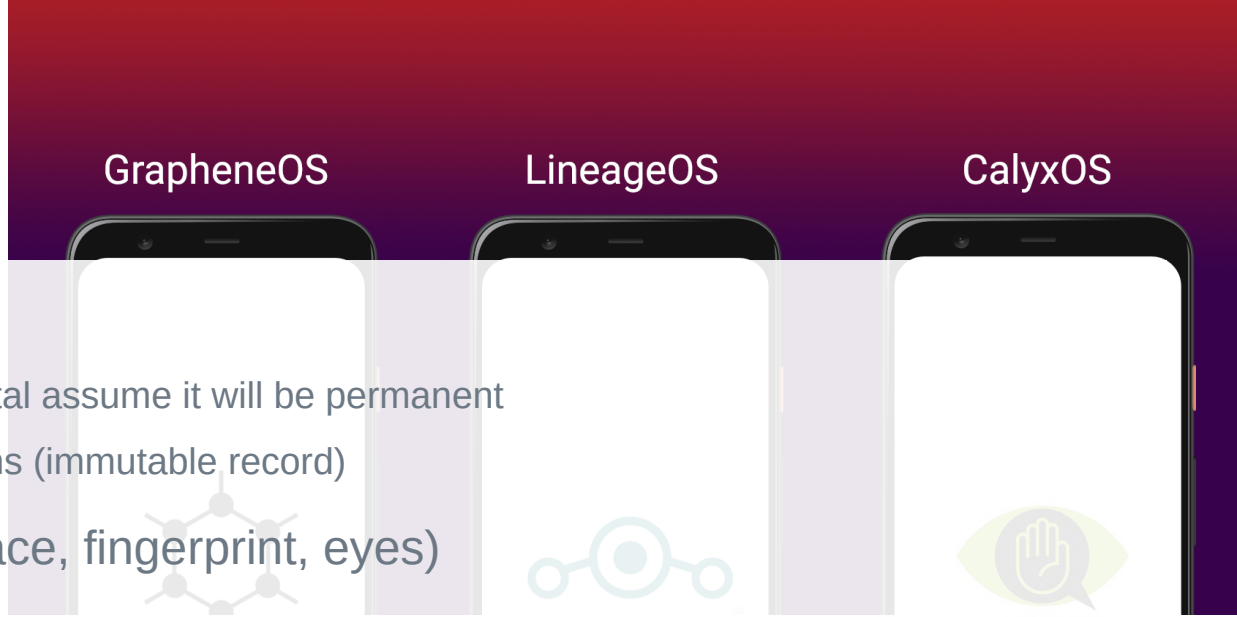
https://bitwarden.com



PW Manager Process

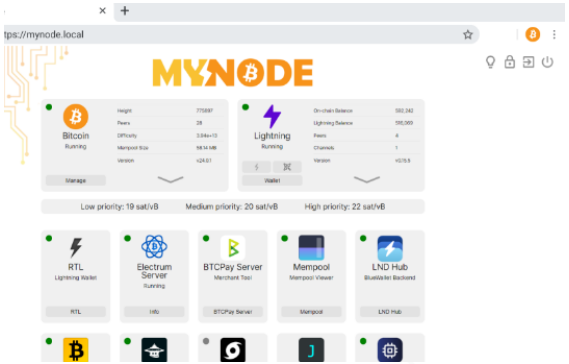
1. Make 1 strong password that you will remember and encrypt your vault with
    a. **trick**: think of 3 topics (hobbies, sports, interests)
    b. think of a word for each of those topics
    c. add numbers and special characters to the words
    d. combine those words for your 1 strong password
2. Have manager generate password largest entropy possible for each account
    a. **tips:** you can use different account names (pw manager will remember this)
    b. don’t answer additional information with real answers (what is siblings middle name, what was your first dogs name) store fake answers in the notes section of pw manager
3. You can store more than just passwords
4. Careful when storing generational wealth seed words….

Digital Hygiene

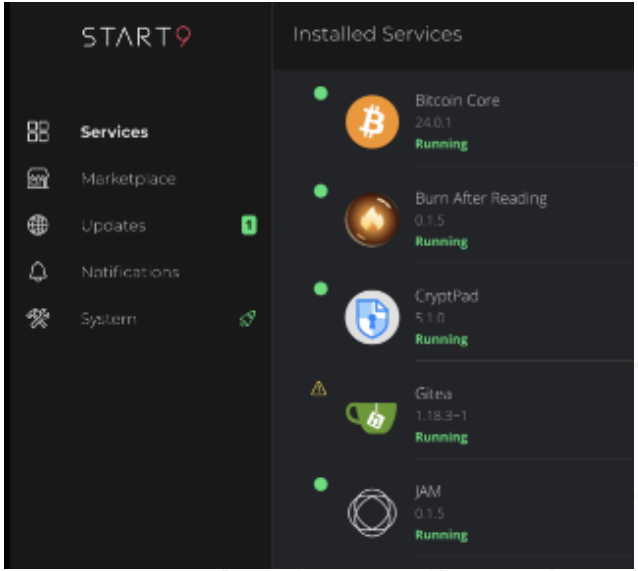


- Permanent record
  - If you shared something digital assume it will be permanent
  - Especially bitcoin transactions (immutable record)
- Protect Biometric data (face, fingerprint, eyes)
- Location data
- Remove as many apps on phone as possible (use browser instead of app)
- Use a firewall on your phone!
- Avoid SMS (especially 2fa)! -- Use end to end encryption (signal, simplex)
- Consider privacy phone (Calyx OS, Graphene OS) -- Use open source

Don’t Trust Verify, Self Host



- Self Host as many services as you can
- Store your own data don’t use google, apple, or dropbox
  - Calendar
  - Contacts
  - Documents
  - Images
- Uncle Jim model



Identity / Privacy

- Avoid use of phone number if possible
- Create anonymous accounts
- Use multiple emails
- Try to avoid associating identity with location (pictures)
- consider changing appearance in public