



SECURITY HYGIENE



JORDAN ALBALADEJO



GOOD PRACTICE:

- 5-8 CHARACTERS
- SPECIAL CHARACTERS
- UPPER AND LOWER CASE
- PASSPHRASE

PASSWORD SECURITY

— Introduction to
passwords

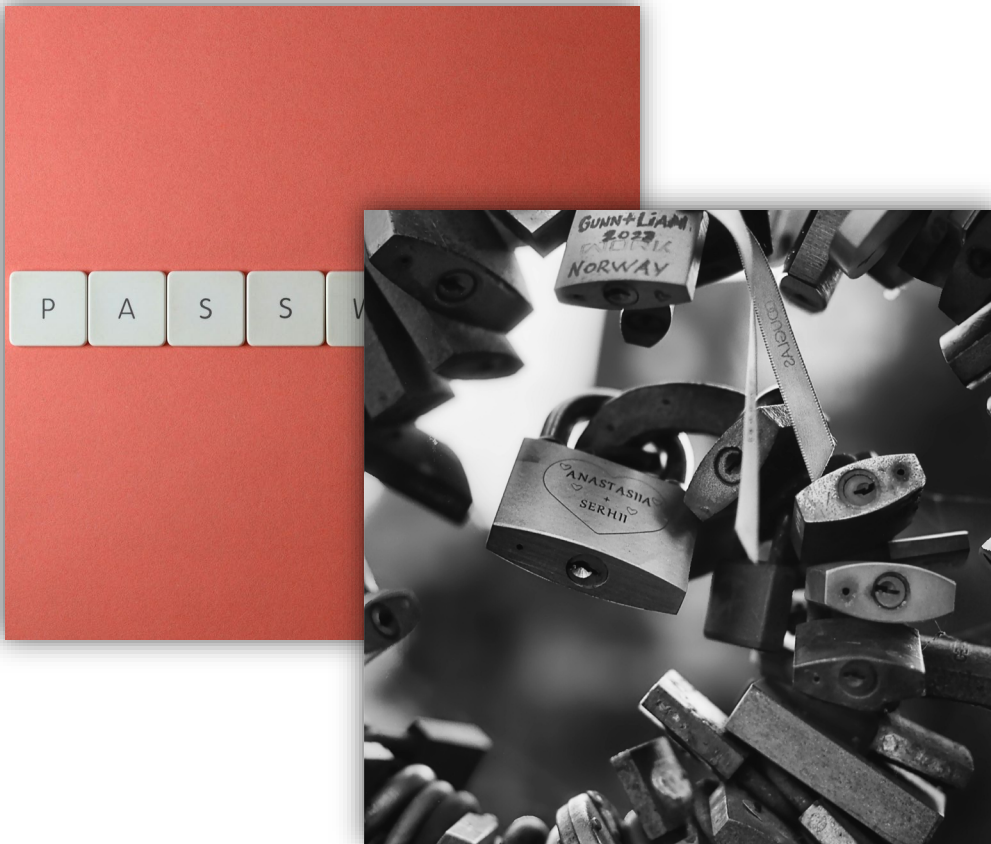


PASSWORD SECURITY

Dark side to passwords

PASSWORD PITFALLS

- REUSE
- BRUTE FORCE
- DICTIONARY (ROCKYOU.TXT)
- FUZZ ATTACKS (LOW ENTROPY)
- BREACHES (HAVEIBEENPWNED)
 - <https://haveibeenpwned.com/>
- SINGLE POINT OF FAILURE



PASSWORD MANAGER

— Introduction to
password manager

OPTIONS:

- KEYPASS
 - <https://keepass.info/>
- DROPBOX PASSWORDS
 - <https://www.dropbox.com/features/security/passwords>
- NORDPASS
 - <https://nordpass.com/>
- BITWARDEN
 - <https://bitwarden.com/>

P A S S W O R D

Something you know

Something you have

Something you are





PASSWORD SECURITY 2FA + MFA

Introduction to
Two Factor Authentication and Multi Factor
Authentication

WHAT IS TWO FACTOR AUTHENTICATION AND MULTIFACTOR AUTHENTICATION:

SOMETHING YOU KNOW:

- PASSWORD
- PIN

SOMETHING YOU HAVE:

- FIDO KEY
- SECURITY FOB
- AUTHENTICATOR

SOMETHING YOU ARE:

- BIOMETRICS
 - FACE
 - FINGERPRINT
 - IRIS SCAN
 - VOICE

PHISHING

WHAT IS IT?





PHISHING

Introduction to
phishing

WHAT IS IT?

- FISHERMAN (HACKER)
- BAIT
(ATTRACTIVE EMAIL OR PROGRAM)
- HOOK (BAD LINK, MALWARE)
- FISH (YOU AND I)

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THANK YOU



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