

Privacy And Security on the Internet



1) Understanding Scammers' Methods

2) Shielding Your Privacy

3) Safeguarding Your Online Information

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Safeguarding Your Online Information:

Best practices



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Security

Online assets

“Good” security vs. low-hanging fruit

Something we **have** (card)

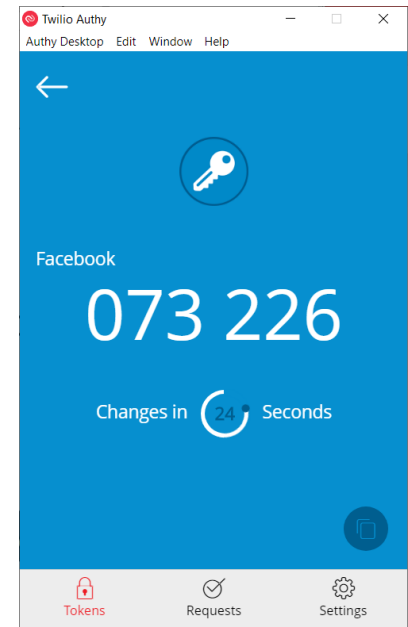
Something we **know** (pin)

Something we **are** (fingerprint)



Two-Factor Authentication

- Text message or email (good)
- Authenticator app (better)
- Hardware security key (best)



Passwords



Easy-to-remember password?

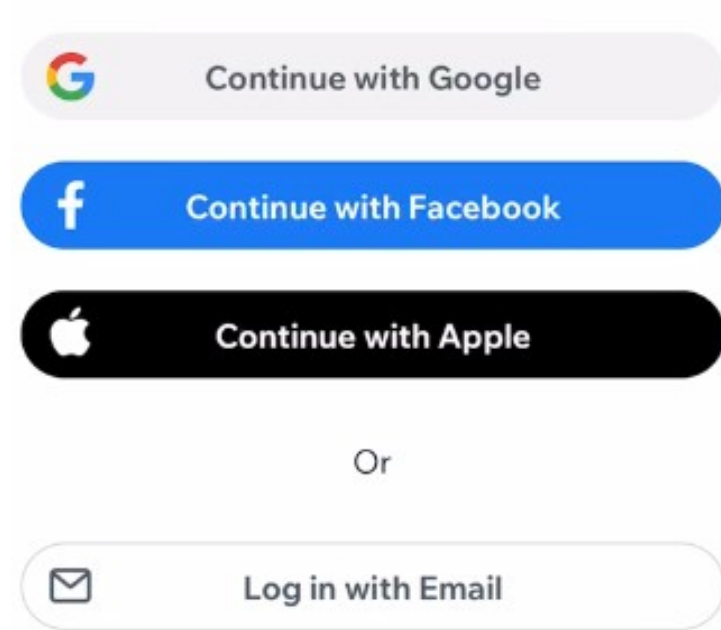


Strong Password?

- Hypothetically (14 characters)
- Hyp0thetic\11y (15 characters)
- O#_qh6W8 (8 characters)
- correcthorsebatterystaple (25 characters)
- Correct-horse2battery (21 characters)



Use the same password for different accounts?



Password Manager

- Generates and stores passwords in an encrypted vault
- Automatically enters passwords into websites
- Won't log into fake websites
- Store other valuable information there
- e.g. Bitwarden, 1Password, Dashlane, Keychain



Passkeys

- Private keys never leaves your device
- Public keys can be dropped from dirigibles
- Passkey = FIDO2 = WebAuthn
- A chain is as strong as its weakest link



The future of passwords.

Actions

- Strong unique passwords
- Password manager
- Upgrade your 2FA
- Passkeys



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Questions



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