

# Staying Safe on the Internet



SIR Branch 54  
January 11, 2024

Alan Baker  
[baker@alanbaker.net](mailto:baker@alanbaker.net)

# Internet Fraud



Vs



# Phishing (Social Engineering)

The phisher wants to trick us into doing something.

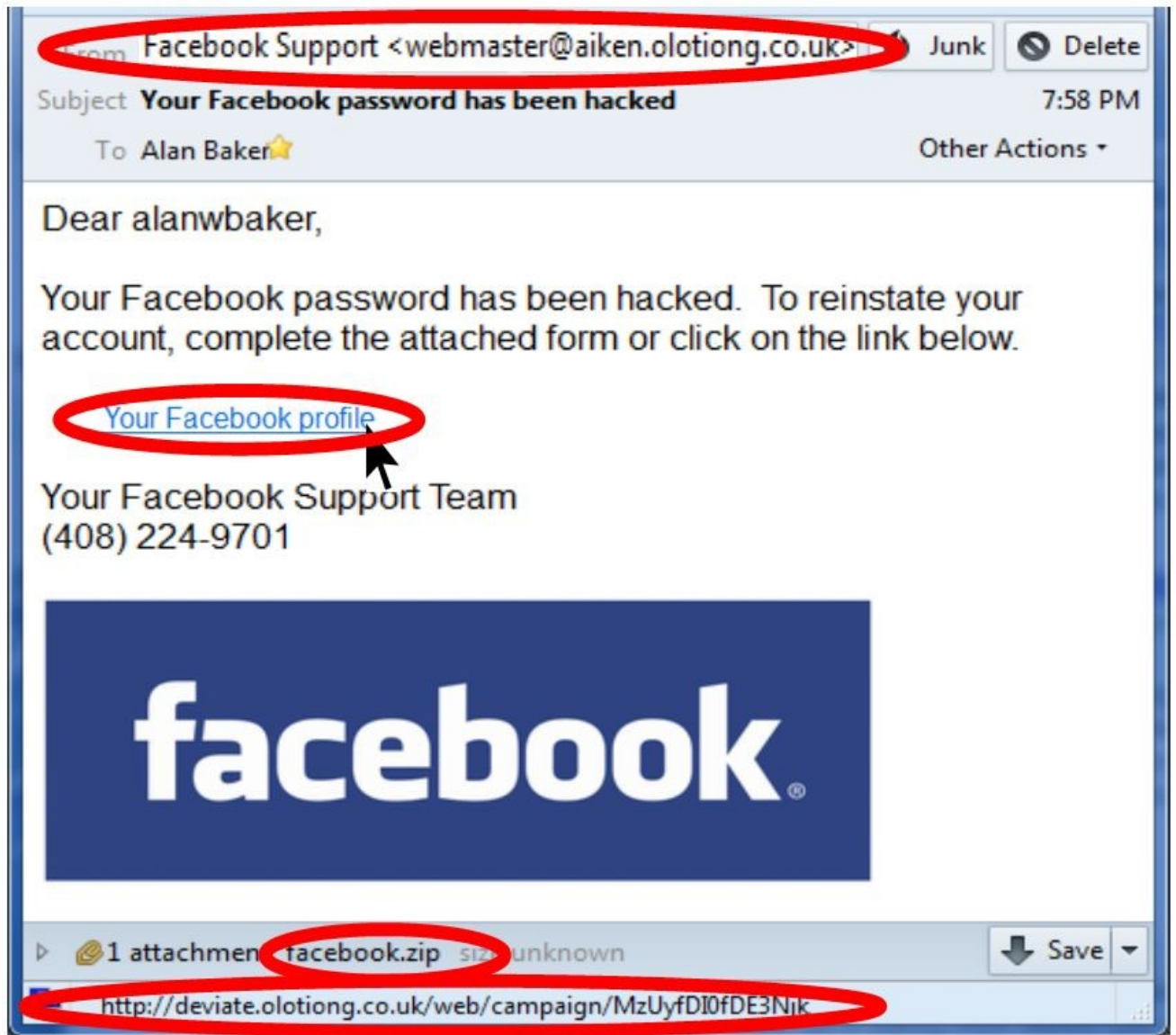
- Do you know this person?
- Is it urgent?
- Who started the conversation?

Do not trust. Do not engage.



# A Phishing Email

- From address
- Link address
- Attachment



# Tools to Reduce Tracking and Phishing

- Privacy-oriented web browser
- Browser extension that blocks trackers
- Browser extension that blocks ads and phishing websites



# Questions?



SIR Branch 54  
January 11, 2024

Alan Baker  
[baker@alanbaker.net](mailto:baker@alanbaker.net)

# Questions?



SIR Branch 54  
January 11, 2024

Alan Baker  
[baker@alanbaker.net](mailto:baker@alanbaker.net)

# Passwords





Why not use an easy-to-remember password?

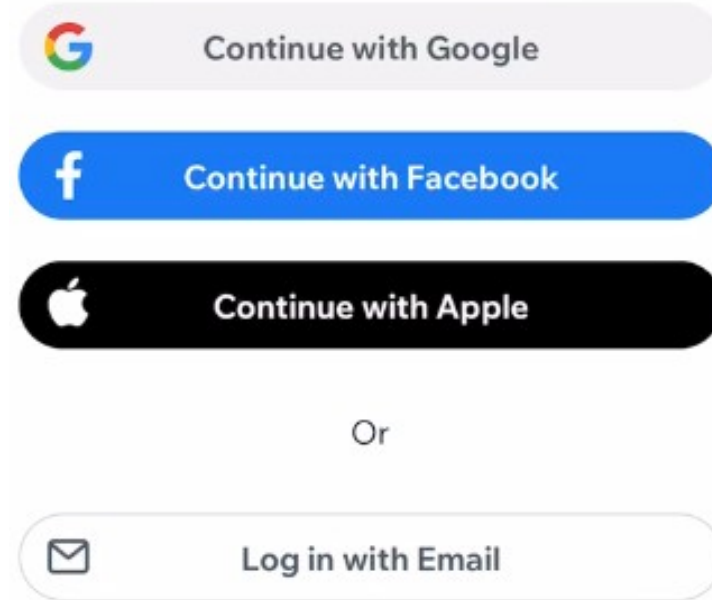


# Strong Password?

- 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?



# Where to Store Passwords

- Password manager
  - Generates and stores passwords in an encrypted vault
  - Automatically fills passwords into websites
  - Bitwarden, 1Password, Dashlane, Keychain
- Passkeys / WebAuthn / FIDO2
  - Google, Facebook, eBay, Microsoft, Apple

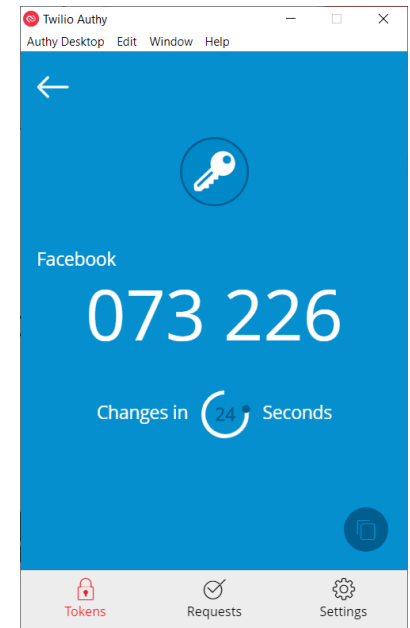


 **Passkey**

The future of passwords.

# Two-Factor Authentication

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



# Questions?



SIR Branch 54  
January 11, 2024

Alan Baker  
[baker@alanbaker.net](mailto:baker@alanbaker.net)