

# Online Safety

Tech & Tutors



# + Passwords

- Password is like a key
- Sensitive info requires strong passwords
- Unique passwords for Personal & Financial Info
- The longer the Better
- Meaningful, memorable phrase
  - Opening line of book
  - Favorite line from a song
  - Punchline to a joke

@geW1th@ttitude

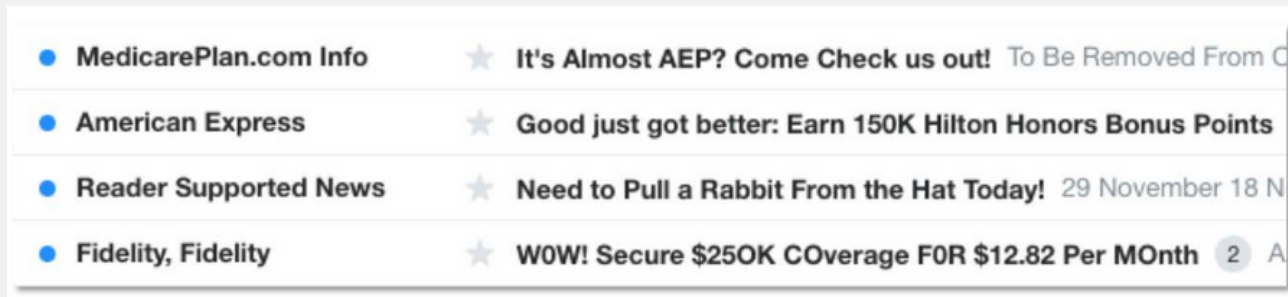
WALKaM1LE2DAY

TryBetterFailBetter

bV1s1ble

# + What is Spam

- Unwanted or junk mail sent by strangers
- Snail mail equivalent is circulars or ads
- Usually to sell something
- About one billion spam messages are sent everyday



# + What do I do with Spam

- Ignore
- Delete
- Don't respond
- Mark as Spam



# + What is Phishing?

- Attempts at identity theft by email or a website
- Communications pretending to be from a legitimate business or financial institution
- Will ask you to provide information by
  - Clicking a link
  - Downloading an attachment



# + Is it Phishing?

## Look for Telltale signs:

- Weird Links
- Requests for personal information
- Creates a sense of urgency
- Obvious typos and errors
- Generic salutation and signature



# + Real Word Examples

- **Account Deactivation or Temporarily Suspended.** An email from PayPal arrives telling the victim that their account has been compromised and will be deactivated unless they confirm their credit card details.
- **Compromised Credit Card.** The cybedrcriminal knows the victim made a recent purchase at Apple for example and sends an email disguised to look like it is from Apple customer support.
- **Transfer Funds.** An urgent email arrives from someone asking you to transfer funds....
- **Social Media Request.** A Facebook friend request arrives from someone who has the same Facebook friends as you.

# + Real Word Examples

- **Password Resent.** Hackers send a simple email that prompts you to reset your password. You Do not usually receive a genuine password resent email unless you have asked for it.
- **Your Order Has Been Shipped.** Fake notifications for orders you may or may not have made looking for information from you.
- **Restart your Membership.** Hackers can determine where you have current memberships and can send an email containing a malicious link.



# + Sample Phishing Email



## Online Banking Alert

Dear MyBank valued member

Due to concerns, for the safety and integrity of the online banking community we have issued this warning message.

It has come to our attention that your account information needs to be updated due to inactive members, frauds and spoof reports. If you could please take 5-10 minutes out of your online experience and renew your records you will not run into any future problems with the online service. However, failure to update your records will result in account suspension. This notification expires on Aug 5, 2004.

Once you have updated your account records your internet banking service will not be interrupted and will continue as normal.

Please follow the link below and renew your account information:

<https://www.mybank.come/update/update.htm>

Sincerely,  
MyBank customer department

# + What is Malware

- Software that is harmful:
  - Viruses •
  - Spyware •
  - Ransomware •
- Trouble spots: •
  - Strange links •
  - Unfamiliar websites •
- Anti-virus software can protect against malware •
  - Norton AntiVirus
  - AVG AntiVirus Free Edition

# + Common Scams

- The Grandparent Scam
- Medicare scams
- Investment schemes
- IRS scam
- Tech support scams



# + Best Practices

- Avoid sharing passwords
- Keep a watchful eye on your bank account
- If it seems too good to be true, it probably is
- Mark as spam
- Don't click on links in strange emails
- Use trusted, secure sites
- Look for the "s" in https (data is encrypted)
- **onguardonline.gov**

