

Staying Safe on the Internet



The Deerfield Valley Aging in Place Initiative
8/6/2018

<https://bit.ly/2Oi8kZq>

Alan Baker

Agenda

- Your experiences with computer fraud
- Computer security tips video
 - <https://www.youtube.com/watch?v=wNuRKYMJRQk>
- Your questions
- Best practices



Non-experts vs. Security Experts

SECURITY NONEXPERTS' TOP ONLINE SAFETY PRACTICES	VS	SECURITY EXPERTS' TOP ONLINE SAFETY PRACTICES
1. USE ANTIVIRUS SOFTWARE 		1. INSTALL SOFTWARE UPDATES 
2. USE STRONG PASSWORDS 		2. USE UNIQUE PASSWORDS 
3. CHANGE PASSWORDS FREQUENTLY 		3. USE TWO-FACTOR AUTHENTICATION 
4. ONLY VISIT WEBSITES THEY KNOW 		4. USE STRONG PASSWORDS 
5. DON'T SHARE PERSONAL INFORMATION 		5. USE A PASSWORD MANAGER 

Software Updates

- Why are they so important?
- What do you call an unpatched computer?
 - An ATM for scammers.
- Operating system (Windows, MacOS)
- Application programs (delete or update Adobe Reader, Flash, Java)



2-Factor Authentication

- Two of these:
 - Something you know (password)
 - Something you have (one-time code)
 - Something you are (fingerprint)
- Essential when you do:
 - Shopping with a stored credit card number
 - Banking, investing



Password Managers

- One master password (don't forget it)
- A strong password for each website
- Runs on your computer or phone
- Some can sync between computer and phone
- Lastpass, KeePass, Keeper, Dashlane



Prepare for Ransomware

- Use real backup software
- Back up the whole computer (system & files)
- To an external disk drive
- Then disconnect it



SANS News—8/17/2018

- “Spam is still the top choice of attackers for spreading malware... Spam click rates have risen slightly from 13.4 percent last year to 14.2 percent this year.”
- Source: Recent study by F-Secure and MWR InfoSecurity



Phishing Email



Alan Baker



Staying Safe on the Internet



The Deerfield Valley Aging in Place Initiative
8/6/2018

<https://bit.ly/2Oi8kZq>

Alan Baker