Creating a Cybersecure Home

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https://www.sans.org/security-awareness

SANS
SECURITY AWARENESS

YOUR SPEAKER

- Director, SANS Security Awareness
- 20 year in Cybersecurity
- Prior life, tank officer

Why Should I Secure My Home

- Bad guys are just as actively targeting you at home as at work.

- However, unlike work you do not have a security team helping secure you, you are it.

- Many of the lessons learned securing work apply to your home.

Start With Your Network

- Your Wi-Fi Access Point (WAP) is what your devices wirelessly connect to.

- Start there by changing default settings.
  - Change default password for admin account so only you can admin it.
  - Change default Network name (SSID)
  - Enable security features
  - Use a strong passphrase for people to access

Secure Your Devices

- Unique passphrase for each system

- Enable automatic updating (if system cannot be updated may need to buy a more modern version).

- Enable any security features (such as anti-virus on computers) if any option.

Secure Your Accounts

- Secure your online accounts with a unique, strong passphrase

- Can't remember all your passphrases? Neither can we, consider a password manager

- Whenever possible, enable two-factor authentication for your online accounts, especially key accounts such as email, banking and retirement.

Username

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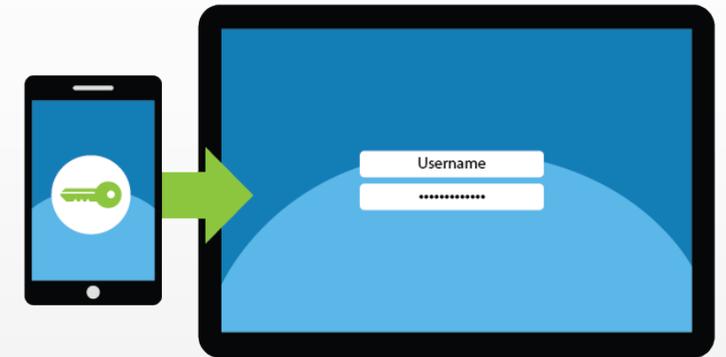
Social Engineering Attacks

- Just like at work, cyber attackers will attempt to trick you into taking an action you should not take.

- Be alert for messages or phone calls that create a tremendous sense of urgency, such as threats to turn off your accounts, fine you or send you to jail.

- You, and not technology, are your best defense.
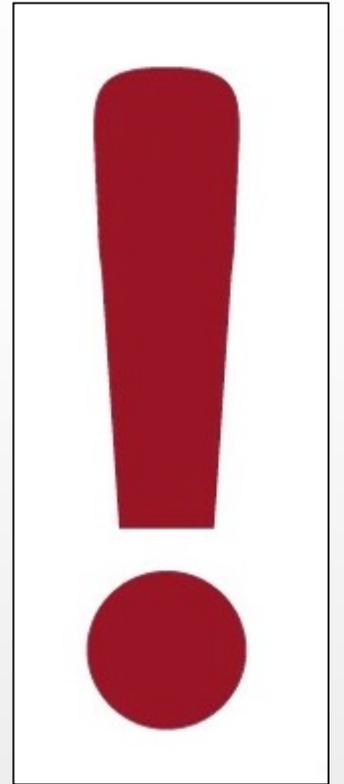
Automated Backups

- Even with all the steps you take, you can still get hacked. Backups are your last resort, not only protect you from hackers but fires, floods and other natural disasters.

- Automate your backups

- At a minimum backup family photos, videos and important documents, may just want to backup everything
  - Cloud backups
  - Local backups

Have Kids? Dedicated Computer

- Have Kids? They are curious and exploring, may accidently infect your computer. Ensure they do not use any work related devices

- Have a computer or devices dedicated just for them, let them rebuild it every six months.

- Ensures anything sensitive you do online (banking, taxes, shopping, etc) is not compromised due to their actions.

LEARN MORE

- Your Internet Service Provider (ISP)
- sans.org/security-awareness/ouch-newsletter