Digital Security Awareness

Security Beyond Us.

Digital Security

- People don't know the true consequences a lack of digital security can bring
- Digital security protects against numerous threats
  - Phishing, malware, data breaches
- More awareness is required to keep private information safe

Why should you worry?

- **Digital security threats mainly targets those who aren't familiar with technology.**
    - The elderly
    - Young children
- **A lack of digital security can have severe consequences**
    - Financial security, identity integrity, online interactions and relationships
- **Individuals like you need digital security to protect themselves**
    - You are protecting yourself from unprompted damage to your online identity and information
    - In some cases, you are protecting others online presences as well
    - A lack of digital security can sometimes even lead to consequences in the real world
- **A recent, real-life example**
    - CNN reported on a network of hospitals in East Texas that cannot accept ambulances
    - Blamed on a cybersecurity incident
    - Brought down computer systems in the hospital for more than 24 hours
    - This can affect people's lives!

How can you improve your digital security?

Improve!

Use Stronger Passwords

- The most common passwords are "123456," "admin," and "12345678," used a total of 9.8 million times
- There are many online tools that can measure how strong your passwords are

Double Authentication Apps

- Double authentication, like DUO, allows you to ensure that only you login to your accounts
- Each login is verified with you on your phone to verify that it is really you

Password managers allow you to keep all your passwords in one place

- Passwords can be as complicated as you like
- The password manager will remember them
- Easily check & change all your passwords

What's stopping us from complete security?

1. **Ignorance**
   a. Even in the modern age, many people lack information about digital security. For example…
      i. Elderly
      ii. Children
2. **Lack of patience**
   a. Two step verification, different passwords, etc can be used
   b. People get lazy and don't take the extra step
3. **No first-hand experience**
   a. Many people can go their entire lives without experiencing the consequences of weak digital security(Getting hacked, identity theft, etc)
   b. Leads to no sense of danger which increases chances of compromising digital security

Where can you learn about Digital Security?

There are many organizations which offer information and other resources regarding digital security. Some of these include

- SANS Institute
- International Association of Privacy Professionals (IAPP)
- Centre for Internet Security (CIS)

- Cloud Security Alliance (CSA)
- Information Security Forum (ISF)

Sources

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