Computer Know How Series

Presented by Adam Lacey (*Applications Etc.*) 916-813-7819
General Computer Security – Thursday May 12th 2016 @ 2pm

1. Know your Computer / Device (Operating System, Anti-Virus/Security Programs, Apps, Terminology)
    a. Windows System Properties / Apple About this Mac / Mobile Device > Settings > About
    b. Backups (Backup, Backup, Backup!!!)
        i. Not connected, Rotating, On vs Off Site
2. Networking / Connections
    a. Routers/Hardware Firewalls
    b. Wireless (Access Lists [MAC Address], Encryption, Key/Passphrase/Password)
        i. Private vs Public Hotspots (Home, Hotels, Coffee Shops, etc.)
    c. Software Firewalls (OS [Operating System] & third party)
3. Mobile Platforms and App Stores (Smart Phones and Tablets)
    a. Apple iOS (iPhone, iPad, iPod Touch) - App Store, iTunes
    b. Google Android – Google Play
    c. Windows Phone – Windows Store
4. Web Browsers
    a. Types - MS Edge, MS Internet Explorer, Google Chrome, Mozilla Firefox, Apple Safari
    b. Addons/Extensions/Toolbars (Slow, Security holes)
    c. Security Certificates/Encryption (HTTP vs HTTPS)
5. Email Software
    a. Attachments / Links
    b. Configuration (Webmail / Local, POP, IMAP, Authentication and Encryption Security [SSL])
6. Password Security & Complexity
    a. Multiple Password Categories (Email, Financial, Other)
    b. Simplify complexity with character replacement
    c. Password Lists and Programs (Filenames, Saving)
        i. List Structure for ease of use (Account / Service, Username, Password, Notes)
7. Authentication Methods (Secure websites and services)
    a. Two-factor Authentication (Email, Text, RSA key)
    b. Standard vs Administrative Accounts & Permissions
        i. UAC (User Account Control) in Windows Vista and newer)
        ii. Admin Authentication on Apple OS X
8. Software Installations
    a. Don't blindly sign contracts - Read EULA (End User License Agreement)
    b. Don't blindly click / tap next, install, ok, etc
        i. Read install prompts to avoid excess/infectious software
9. Infections (Viruses, Adware, Spyware, Malware, Ransomware)
    a. How to Protect Yourself (Software, Behavior, Maintenance)
    b. Cleanup software (Anti-Virus, Spybot, MalwareBytes, Etc.)
    c. Destruction & Recovery of Ransomware (Encryption, Registry Access Password)
10. Online Banking (Including Mobile Apps)
11. Purchases (Best Practices) – Credit vs Debit (In Person vs Online)
12. Cold Calls & 800 Number Site / Popups (Don't Trust Just Anyone with Your Computer)