National Cyber Security Awareness Month, Week 1

Theme
• Make Your Home a Haven for Online Safety

Purpose
• Every day, parents and caregivers teach kids basic safety practices – like looking both ways before crossing the street and holding an adult’s hand in a crowded place. Easy-to-learn life lessons for online safety and privacy begin with parents leading the way. Learning good cybersecurity practices can also help set a strong foundation for a career in the industry. With family members using the internet to engage in social media, adjust the home thermostat or shop for the latest connected toy, it is vital to make certain that the entire household – including children – learn to use the internet safely and responsibly and that networks and mobile devices are secure. Week 1 will underscore basic cybersecurity essentials the entire family can deploy to protect their homes against cyber threats.
Why Your Home Matters

Internet of Things Attacks increase 600% according to Symantec. March 21, 2018

Unrivaled Global Reach for America ... ALWAYS!

The cost of malicious Cyber Activity to the U.S. Economy could Top $100 billion.
Source: Council of Economic Advisers Feb 2018

Source: Cybersecurity Funding – Whitehouse.gov 2018

Mobile Malware UP! Number of new variants:
- 17K in 2016
- 27K in 2017, a 54% increase in mobile malware variants

Symantec May 23, 2018: F.B.I. estimates that over 500K routers in at least 54 countries were infected with Russian VPNFilter malware.

Your cyber profile can be used for social engineering schemes. Cybercriminals can use your data for identity theft. Information made public may be used as ammo for cyberbullies. Posting upcoming plans may open you up for burglary or stalking!
Ways To Protect Yourself From Cyber Crime & Hacks

- **Lock down your login:** Strengthen online accounts by using strong passwords & authentication tools.
- **Turn on your software firewall & anti-virus:** Reduce your cyber attack surface.
- **Back it up:** Protect your valuable work, music, photos & other digital information.
- **Turn-on automatic updates:** Keep your computer & mobile devices current with the latest version.
- **Protect your identity:** Personal information is like money. Value it. Protect it.
- **Secure your Wi-Fi router:** Use a strong device password & enable WPA2 or WPA encryption.
- **Share with care:** Think before posting about yourself & others online. Consider what it reveals.
- **Turn on Multi-Factor Authentication to protect your financial, email & social media accounts.**

**Useful links:**
- **Securing Your Home Network:** [https://staysafeonline.org/stay-safe-online/securing-key-accounts-devices/securing-home-network/](https://staysafeonline.org/stay-safe-online/securing-key-accounts-devices/securing-home-network/)
- **Tips for Creating Strong Passwords:** [https://www.connectsafely.org/tips-to-create-and-manage-strong-passwords/](https://www.connectsafely.org/tips-to-create-and-manage-strong-passwords/)
- **What Is Two-Factor Authentication:** [https://www.wired.com/story/two-factor-authentication-apps-authy-google-authenticator/](https://www.wired.com/story/two-factor-authentication-apps-authy-google-authenticator/)
Stay tuned!

Next week’s theme: “Millions of Rewarding Jobs: Educating for a Career in Cybersecurity”

For more information, please contact your local Cybersecurity Office or MAJCOM Cybersecurity Office at: AMC.Cybersecurity@us.af.mil