Monthly E.C.C. Information Security Briefing

Date: August 28, 2017

ECC Internal News Bytes:

- **ECC FlexDay cybersecurity presentation**
    - A presentation of "Phishing Attacks – How to Prevent Them From Being Successful" was given during the 2017 Flex Day Afternoon Session 1 in the Social Sciences Bldg.
    - For those of you that missed it, a copy will be posted to the Cybersecurity webpage:
        - http://www.elcamino.edu/administration/techservices/infosec.asp

- **Dell/Aruba WiFi project nearing completion**
  - The campus-wide upgrade will translate to increased WiFi performance and coverage, but will also add security enhancements designed to protect our network
  - The Dell/Aruba WiFi controllers have a stateful Policy Enforcement Firewall to ensure that each connection and user session is secure
  - The Dell/Aruba ClearPass user authentication system ensures that all connected internet devices can join the ECC WiFi network without compromising our network
  - Kudos to Rudy Ramos and Chris Medina of Network Services who lead the project during this herculean effort!

External News Bytes:

- **Main takeaway points from Black Hat / DefCon 2017**
  - Hacker poll – What are the hardest security features to bypass?
    - Answer: Complex/long passwords and data encryption
  - Firmware is going to be the main target of hackers for the next year
    - Hackers will package their code into pseudo-firmware upgrades and most people will be oblivious to it

- **Adobe Flash Player Demise**
  - Official end-of-life date has been set for Adobe Flash Player – 2020
  - Possible replacement for Flash? – HTML5
  - This is a good thing from a cybersecurity standpoint – Flash has always been on the Top 5 Exploited Programs list

- o http://searchsecurity.techtarget.com/news/450423574/Adobes-Flash-end-of-life-scheduled-finally-for-2020

- **Broadpwn Exploit – World's First WiFi Worm**
  - o Apple just released a fix for this for both ios devices and Mac computers
  - o http://searchsecurity.techtarget.com/news/450423584/Breaking-down-the-Broadpwn-exploit-worlds-first-Wi-Fi-worm?

Data Breach Watch
By ID Experts

- **U.S. Higher Education Breaches For July, 2017:**

  - o University of Iowa Health Care
  - o University of Vermont Medical Center
  - o West Virginia University Healthcare

Tip of the Month:

- **Connected smart devices are listening all the time**
  - o Is all the extra convenience really worth it?

- o http://on.ktla.com/yBKm5

- **Write in with your IT security questions:**

  - o If you have any questions about cyber security, please send them to:
    - ▪ pyoder@elcamino.edu

- **All current and previous issues of the Monthly E.C.C. Information Security Briefing are posted online at:**

  - o http://www.elcamino.edu/administration/techservices/infosec.asp