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](http://www.elcamino.edu/administration/techservices/infosec.asp)
• Dell/Aruba WiFi project nearing completion
  o The campus-wide upgrade will translate to increased WiFi performance and coverage, but will also add security enhancements designed to protect our network
  o The Dell/Aruba WiFi controllers have a stateful Policy Enforcement Firewall to ensure that each connection and user session is secure
  o The Dell/Aruba ClearPass user authentication system ensures that all connected internet devices can join the ECC WiFi network without compromising our network
  o 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
  o Hacker poll – What are the hardest security features to bypass?
    ▪ Answer: Complex/long passwords and data encryption
  o 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
  o Official end-of-life date has been set for Adobe Flash Player – 2020
  o Possible replacement for Flash? – HTML5
  o This is a good thing from a cybersecurity standpoint – Flash has always been on the Top 5 Exploited Programs list
• Broadpwn Exploit – World’s First WiFi Worm
  o Apple just released a fix for this for both iOS devices and Mac computers

Data Breach Watch

• 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?
• 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