WASTC 2018 Faculty Development Weeks

Palo Alto Networks Firewall 8.0 Essentials: Configuration and Management (EDU-210)

Dates: In Person, June 11 - 15, 2018 Cabrillo College, Aptos CA

Overview
This course is open to all faculty. The course will provide an overview of our Cybersecurity Academy program and show you how to start our academy program at your academic institution. After completing the requirements of this course Palo Alto Networks Cybersecurity Academy faculty will be instructor certified. This course is an enhanced version of our faculty training and thus will cover all aspects of configuring and managing our firewall appliance as well as how it integrates into our security operating platform.

Palo Alto Networks Cybersecurity Academy
The Palo Alto Networks Cybersecurity Academy provides degree-granting, accredited academic institutions with courseware, certification, training labs, and faculty training – at no cost – to give today's cybersecurity students hands–on knowledge of the leading next–generation security platform.

Course Objectives
1. Learn how to license and set up the firewall to inspect network traffic
2. Learn how the firewall integrates with our technology platform both at the enterprise edge and in the cloud.
3. Learn how to turn on the full power of our firewall appliance to align with the best practices to include 1) having complete visibility of your network traffic, 2) reducing your attack surface area, 3) protecting against known attacks and 4) protecting against unknown attacks.

Scope
• **Course level:** Introductory
• **Course duration**: 5days
• **Course format:** Combines lecture and hands-on labs
• **Platform support:** Palo Alto Networks® next-generation enterprise firewalls running the PAN-OS® operating system

Target Audience
Any faculty member either interested in the Palo Alto Networks Cybersecurity Academy program or interested in becoming instructor certified.

Prerequisites

Faculty should have a basic familiarity with networking concepts including routing, switching, and IP addressing. Faculty also should be familiar with basic security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus

Instructor: Jim Boardman

Jim is an Academy Technical Engineer and his duties include: training faculty, setting up new academies, managing our cybersecurity competition support and helping in the development of curriculum. Before joining Palo Alto Networks, Jim worked at Alfred State College, Alfred, NY , where he taught networking, cybersecurity and served as the department chair. While at Alfred State, Jim was a certified Palo Alto Networks academy instructor, certified VMware academy instructor, a certified Cisco academy instructor and a certified Linux Professional Institute academy instructor. Jim was also the coach of Alfred State College's cybersecurity team that competed at local and national competitions such as the North East Collegiate Cyber Defense Competition, CyberSEED and Collegiate Penetration Testing Competition. Jim's current certifications include: Certified Information System Security Professional (CISSP), PCNSE7, Cisco Certified Network Associate (CCNA) and CCNA Security. Additionally, Jim has passed the route and switch exams for CCNP certification. Before working at Alfred State College, Jim was the senior network solutions architect at startup company Power Up Networks. Before PowerUp Networks, Jim worked at Nortel Networks as the local Internet portfolio network management architect. Jim served in the Air Force as a communications officer and held a number of interesting jobs to include serving as a Presidential Communications Officer at the White House Communications Agency and as the commander for 3rd Communications Squadron, Elmendorf Air Force Base in Alaska. Jim graduated with a BS degree from Cornell University and MS in Computer Science/Teleprocessing from University of Southern Mississippi. Jim has four children.

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