Network Security
Lesson: <mark>4/6/2020</mark>

Learning Targets:
- Configure Intrusion Prevention
- Enable Wireless Intrusion Prevention

Focus Questions:

- What type of recognition method is used by most virus scanning software?
- How does an IPS differ from an IDS?
- What is the advantage of using a network-based IDS instead of a host-based IDS?
- What should you do regularly when using a signature-based IDS?
- How can packet sniffing and port scanning software be used to improve the security of your network?
- Which devices can you use to discover open ports?

Learning Tasks:

- Navigate to TestOut.com & log on using your credentials
- Navigate to Network Pro Chapter 14 - Network Hardening, Section 1 - Detection & Prevention
- Review Vocabulary words for 14.1 before starting into Section
- Read Fact Sheets located in sections 14.1.4, 14.1.8
- Watch videos located in sections 14.1.1, 14.1.2, 14.1.3, 14.1.7
- Complete Lab Simulation located in section 14.1.5, 14.1.6
- Answer/Review Practice Questions located in section 14.1.9

Additional Practice:

- Using your own computer, practice some of the techniques used in this section to explore the files of your own computer

Total Time:

Time Breakdown:
- Videos = 20 Minutes
- Fact Sheets = 10 minutes
- Lab Simulation = 15 minutes
- Practice Questions = 10 minutes

Total Time = 55 minutes

Reference: TestOut Network Pro Lesson Plan Doc