

# Network Security

Lesson: 4/7/2020

## Learning Targets:

- Use penetration testing tools

## Focus Questions:

- Why should you perform a penetration test on your network?
- Which type of penetration testing provides you with the most accurate results regarding your network's vulnerabilities?
- How does black box testing differ from grey box testing?
- In which stage of penetration testing do you create a fingerprint of your system?
- What is the difference between operations penetration testing and electronic penetration testing?

## Learning Tasks:

- Navigate to TestOut.com & log on using your credentials
- Navigate to Network Pro Chapter 14 - Network Hardening, Section 2 - Penetration Testing
- Review Vocabulary words for 14.2 before starting into Section
- Read Fact Sheets located in sections 14.2.2
- Watch videos located in sections 14.2.1, 14.2.3
- Answer/Review Practice Questions located in section 14.2.4

## **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 = 5 minutes
- Practice Questions = 10 minutes

Total Time = 35 minutes

Reference: [TestOut Network Pro Lesson Plan Doc](#)