



Computer Networking Virtual Learning

Network Security - 5.2 -

Spoofing & Poisoning

May 21, 2020



Lesson: 5/21/2020

Objective/Learning Target:

- Perform ARP poisoning
- Examine DNS attacks
- Prevent zone transfers



Focus Questions

- Why is a man-in-the-middle attack so dangerous to the victim?
- What countermeasures can you use to control TCP/IP hijacking?
- What methods should you employ to prevent a replay attack?
- What countermeasures can help prevent spoofing?
- What is the difference between primary and secondary DNS servers?
- How does domain name kiting work?
- In what ways can the HOSTS file be used to improve security?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to Security Pro Chapter 5 - Perimeter, Section 2 - Spoofing & Poisoning
- Review Vocabulary words for 5.2 before starting into Section
- Read Fact Sheets located in sections 5.2.2, 5.2.4, 5.2.6
- Watch videos located in sections 5.2.1, 5.2.3, 5.2.5, 5.2.7
- Complete Lab Simulation located in section 5.2.8
- Answer/Review Practice Questions located in section 5.2.9



Time Breakdown

Videos = 33 Minutes

Fact Sheets = 15 minutes

Lab Simulation = 5 minutes

Practice Questions = 15 minutes

Total Time = 68 minutes

Reference: [TestOut Security Pro Lesson Plan Document](#)