ITBU 443: Threats and Counter Measures, Homework 18

Chapter 24, *Computer Security, Principles and Practices*

Readings

Read chapter 24 in the *Computer Security, Principles and Practices* book.

Discussion Questions

Answer the discussion questions in writing.

1. Describe the four factors that make wireless devices more susceptible to attack than wired devices.

2. What is *MAC spoofing*? Be specific.

3. Briefly discuss three security threats of mobile devices.

4. List four security measures that an organization can take in order to secure devices in a BYOD inviroment.

5. Explain what generally is involved with device security, traffic security, and barrier security.

6. What are the three functions of the *media access control* layer?

7. What does an Association Server do? Your answer should have three parts.

8. What are the four phases of the IEEE 802.11i specification?

9. What is the difference between TKIP and CCMP?

10. What is an 802.1X controlled port?