



Lecture 12: Application and Development Security

Question 1

- a. What is the Cyber Kill Chain?
- b. What are the steps of the cyber kill chain?

Question 2

- a. In general terms, how does a worm propagate?

Question 3

- a. What is a botnet?
- b. What is a DDoS, and how can a botnet be used to mount a DDoS attack?
- c. Describe two other attacks that can be executed with botnet.

Question 4

- a. What is an SQL injection attack and how can it be prevented?
- b. What is a Cross-Site Scripting attack, and how can it be prevented?

Question 5

- a. What is the meaning of the abbreviation OWASP ?
- b. What is the main goal of OWASP ?
- c. What is the OWASP Top 10 ?
- d. What is nr.1 in the OWASP Top 10 ?
- e. What is the reason why nr.1 has been at the top for many years ?
- f. What is the meaning and purpose of OWASP ASVS ?

Question 6

- a. In what way is agile different from waterfall in system development.
- b. How can security be integrated in agile system development.