

INFO6255: GSEN Information Systems

Quiz 4 Security and Cyber Security Testing

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Questions	Answers
1. In 1 sentence describe what the Security Testing is?	Security Testing is defined as a type of Software Testing that ensures software systems and applications are free from any vulnerabilities, threats and risks that may cause a big loss.
2. List out the 7 Security Testing Definitions	Vulnerability Scanning security Scanning penetration testing risk assessment security auditing ethical hacking posture assessment
3. In 1 or 2 sentences describe what the Penetration Testing is	This kind of testing simulates an attack from a malicious hacker. This testing involves analysis of a particular system to check for potential vulnerabilities to an external hacking attempt
4. In 1 or 2 sentences describe what the Ethical Hacking is	It's hacking an organization software systems . unlike malicious hacker, who steal for their own gains, the intent is to expose security flaws in the system.
5. Who is a Hacker ?	access computer system or network without authorization
6. What is an Ethical Hacking ?	performs most of the breaking activities but with permission from the owner
7. List out any 4 of the top 8 Security Testing Technique	1. Access to application, 2. data protection, 3. brute-force attack, 4. SQL injection and xss
8. What is the definition of DDoS?	DDoS is a distributed denial of service attack attempts to make an online service, like a website, unavailable by SSD overwhelming it with a flood of traffic from a team of computer.
9. What is the significant difference between Cyber Security and Application Security.	cybersecurity is to protect more than just the software application. it refers to the entire infrastructure of a company. But software Application security refers to prevention of writing vulnerable code and to create processes for secure development.
10. There is a hacker attack every ____ seconds.	39
11. What percentage of global organizations claim that they	a. 50% b. 38%

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are prepared to handle a sophisticated attack?	c. 10% d. 100%
12. The information on the Dark Web is accessible by normal internet browsers. True or False?	FALSE
13. Total cost for Cybercrime committed globally has added up to over \$1 trillion dollars in 2018. True or False?	TRUE
14. 95% of breached records came from only three industries in 2016	a. Government, Retail, High Tech and the Music Industry. b. Government, Clothing, and Entertainment. c. Government, retail, and technology.