← Back Understanding Security Threats
 Foraded Quiz • 1h 5m

Due May 28, 11:59 PM +08

Introduction to IT Security

Malicious Software

Network Attacks

Other Attacks

Graded Assessments

Quiz: Understanding Security
Threats
10 questions

Congratulations! You passed! Go to next item received 1 Understanding Security Threats 1. An IT profess a submit your busign mental information from a company's system so it can still be accessed if the 1/1 point Try again system is attacked. Which key principle for designing information security policies does this represent? **Due** May 28, 11:59 PM +08 **Attempts** 3 every 24 hours O The risk principle The integrity principle Receive grade Your grade **View Feedback** The intelligence principle
To Pass 80% or higher We keep your highest score The availability principle **⊘** Correct riangle Like riangle Dislike riangle Report an issue 2. Which of the following is true of black hat and white hat hackers? 1 / 1 point Neither black hats nor white hats can be trusted. Black hats are malicious. White hats identify weaknesses to help mitigate threats. O Black hats try to find weaknesses, but white hats don't. O Black hats work with owners to fix problems. White hats just try to get into a system. **⊘** Correct 3. What kind of malware can block access to data and decrease the availability of security by holding the system 1 / 1 point hostage? Ransomware Adware O A logic bomb Spyware **⊘** Correct 4. What is it called when a hacker gets into a system through a secret entryway to gain remote access to the 1 / 1 point computer? A backdoor Adware O A Trojan Ransomware **⊘** Correct 5. A victim connects to a network they think is legitimate, but the network is really an identical network controlled 1 / 1 point by a hacker. What type of network attack are they a victim of? A Denial of Service (DoS) An evil twin O DNS cache poisoning A logic bomb **⊘** Correct **6.** Which type of network-based attack prevents legitimate users from accessing a system by overwhelming the 1 / 1 point network? A Denial of Service (DoS) attack An injection attack A brute force password attack O A malware attack **⊘** Correct 7. What is it called when a hacker takes down multiple services very quickly with the help of botnets? 1 / 1 point Cross-site Scripting (XSS) A password attack A SQL injection Distributed denial-of-service (DDoS) **⊘** Correct **8.** Which of the following measures can prevent injection attacks? Select all that apply. 1 / 1 point Input validation **⊘** Correct Data sanitization **⊘** Correct Log analysis systems ☐ Flood guards 9. What kind of attack keeps trying different combinations of characters and letters until it gets password access to a system? A phishing attack A dictionary attack An Injection attack A brute force attack

⊘ Correct

Baiting

Phishing

Tailgating

⊘ Correct

O DDoS

10. An attacker leaves a flash drive loaded with malware on a table. Someone plugs the drive into their computer to

see what's on it and accidentally installs malware. What kind of attack is this?

1 / 1 point

(2)