← Back Weekly challenge 3
Graded Quiz • 50 min

▲ Try again once you are ready Flaws in the system Identify system vulnerabilities Try again Cyber attacker mindset Review: Vulnerabilities in systems Quiz • 50 min Video: Wrap-up **Review Learning Objectives** Reading: Glossary terms from week

1. Consider the following scenario: 1/1 point A cloud service provider has misconfigured a cloud drive. They've forgotten to change the default sharing permissions. This allows all of their customers to access any data that is stored on the drive. Quiz: Weekly challenge 3 Try again 10 questions **Due** Jun 25, 11:59 PM +08 **Attempts** 3 every 8 hours This misconfigured cloud drive is an example of what? A vulnerability A threat Receive grade Your grade 72.50% To Pass 80% or higher
A security control We keep your highest score An exploit 2. Why do organizations use the defense in depth model to protect information? Select two answers. 0.5 / 1 point Security teams can easily determine the "who, what, when, and how" of an attack. X This should not be selected ✓ Layered defenses reduce risk by addressing multiple vulnerabilities. Threats that penetrate one level can be contained in another. Each layer uses unique technologies that communicate with each other. X This should not be selected Please review the video on defense in depth \Box . 3. Which layer of the defense in depth model relates to user devices that have accessed a network? 1/1 point O Perimeter Endpoint Application O Data **⊘** Correct 4. What is the main purpose of the CVE® list? 1/1 point To share a standard way of identifying and categorizing known vulnerabilities and exposures O To keep a record of the coding mistakes of major software developers O To collect information on vulnerabilities and exposures performed by independent researchers O To create a dictionary of threats to organizational assets that must be addressed **⊘** Correct 5. A security team is preparing new workstations that will be installed in an office. 0.75 / 1 point Which vulnerability management steps should they take to prepare these workstations? Select three answers. Configure the company firewall to allow network access. **⊘** Correct ✓ Install a suite of collaboration tools on each workstation. X This should not be selected Please review the video about vulnerability management [2]. Download the latest patches and updates for each system. **⊘** Correct Consider who will be using each computer. **⊘** Correct **6.** What are some of the goals of performing vulnerability assessments? Select two answers. 0.5 / 1 point To perform an audit that measures regulatory compliance **⊘** Correct ✓ To catalog assets that need to be protected X This should not be selected Please review the video about vulnerability assessments $\[\[\] \]$. ✓ To identify weaknesses and prevent attacks **⊘** Correct ✓ To pass remediation responsibilities over to the IT department X This should not be selected Please review the video about vulnerability assessments 🗹. 7. What are the two types of attack surfaces that security professionals defend? Select two answers. 0.5 / 1 point Physical **⊘** Correct Brand reputation X This should not be selected Please review the video about attack surfaces [2]. Intellectual property X This should not be selected Please review the video about attack surfaces ∠. Digital **⊘** Correct 8. An online newspaper suffered a data breach. The attackers exploited a vulnerability in the login form of their 0.5 / 1 point website. The attackers were able to access the newspaper's user database, which did not encrypt personally identifiable information (PII). What attack vectors did the malicious hackers use to steal user information? Select two answers. The online login form **⊘** Correct The unencrypted PII X This should not be selected Please review the video about identifying attack vectors $\[\[\] \]$. The user database X This should not be selected Please review the video about identifying attack vectors [2]. The newspaper's website **⊘** Correct **9.** What phase comes after identifying a target when practicing an attacker mindset? 1/1 point Evaluate the target's attack vectors. O Prepare defenses against threats. Find the tools and methods of attack. Determine how the target can be accessed. **⊘** Correct **10.** Consider the following scenario: 0.5 / 1 point You are working as a security professional for a school district. An application developer with the school district created an app that connects students to educational resources. You've been assigned to evaluate the security of Using an attacker mindset, which of the following steps would you take to evaluate the application? Select two Ensure the app's login form works. X This should not be selected Please review the video about defending attack vectors $\[\[\] \]$. Evaluate how the app handles user data. **⊘** Correct ✓ Integrate the app with existing educational resources. X This should not be selected Please review the video about defending attack vectors \Box . Identify the types of users who will interact with the app. **⊘** Correct

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