← Back Weekly challenge 4
Graded Quiz • 50 min

Congratulations! You passed! Introduction to security hardening Go to next item OS hardening **Network hardening** Quiz • 50 min **Cloud hardening Review Learning Objectives** Review: Security hardening Video: Wrap-up 1. Which of the following tasks are security hardening practices? Select all that apply. 0.75 / 1 point Reading: Glossary terms from week Updating ftware tyour assignment Try again 10 min Correct Due Jul 2, 11:59 PM +08 Attempts 3 every 24 hours Quiz: Weekly challenge 4 10 questions Loosenin creseiver griadions Quiz: Portfolio Activity: Use the NIST Your grade **View Feedback** Cybersecurity Framework to respond Keeping Toe Parsor kather/indesignerationing properly to a security incident We keep your highest score 6 questions Performing port filtering Reading: Portfolio Activity
Exemplar: Use the NIST **⊘** Correct Cybersecurity Framework to 🖒 Like 📿 Dislike \square Report an issue respond to a security incident 10 min You didn't select all the correct answers Congratulations on completing Course 3! **2.** When performing security hardening, what is the goal with regards to the attack surface? 1/1 point Mirror the attack surface Hide the attack surface Augment the attack surface Reduce the attack surface **⊘** Correct 3. Fill in the blank: Requiring employees to turn off their personal devices while in secure areas is an example of a ____ security hardening practice. O virtual onetwork-focused O cloud-based physical **⊘** Correct **4.** A company's executive team approves a proposal by the security director. The proposal involves security 1/1 point professionals simulating an attack on the company's systems in order to identify vulnerabilities. What does this scenario describe? The Ping of Death A Distributed Denial of Service (DDoS) attack Penetration testing O Packet sniffing **⊘** Correct **5.** What are some methods for hardening operating systems? Select three answers. 0.5 / 1 point Keeping an up-to-date list of authorized users. Implementing an intrusion detection system (IDS) X This should not be selected Please review the video about security hardening [2] Removing unused software to limit unnecessary vulnerabilities **⊘** Correct Configuring a device setting to fit a secure encryption standard **⊘** Correct 6. A security analyst is checking on their company's OS. They compare the current system to a documented set of 1 / 1 point specifications that acts as foundation for future builds, releases, and updates. What does this scenario describe? O Internet control message protocol updates Baseline configuration O Virtual private network installation Network segmentation **⊘** Correct 7. Fill in the blank: The security measure multi-factor authentication (MFA) requires a user to verify their identity 1 / 1 point _____ before accessing a system or network. every day within 60 seconds at least once in two or more ways **⊘** Correct **8.** Which of the following statements accurately describes port filtering? 1 / 1 point A process performed by a VPN service that protects data by wrapping it in other data packets A firewall function that blocks or allows certain port numbers in order to limit unwanted network traffic A security technique that divides a network into segments A security protocol that provides an encrypted tunnel for issuing commands from a remote server **⊘** Correct 9. A security team works to ensure that an issue in one area of the business does not spread to others and create 1 / 1 point more problems. They design subnets for each department, such as one for research and another for finance. What does this scenario describe? O Cloud hardening O Penetration testing Network segmentation O Patch updating **⊘** Correct **10.** What is one key similarity between regular web servers and cloud servers? 1/1 point O In both, all data and application are stored together, regardless of their service category. They both require proper maintenance and security hardening. O In both, all applications are stored together, regardless of their age. O They both use baseline images stored in the cloud to compare data.

⊘ Correct

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