

System Hardening

Application Hardening

Graded Assessments

Quiz: Defense in Depth

10 questions

🏆 Congratulations! You passed!

Grade received 100%

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🕒 Quiz • 40 min

📅 Due Jun 25, 11:59 PM +08

🔄 Attempts 3 every 24 hours

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1. What is the correct definition of attack vectors in a corporate network?

1 / 1 point

Try again

☒ The attack surface

☐ The risk

☒ The Access Control Lists

☐ The anti-virus software

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100%

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2. Which of these host-based firewall rules help to permit network access from a Virtual Private Network (VPN) subnet?

1 / 1 point

☐ Secure Shell (SSH)

☐ Group Policy Objects (GPOs)

☒ Access Control Lists (ACLs)

☐ Active Directory

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3. Having detailed logging serves which of the following purposes? Select all that apply.

1 / 1 point

☐ Vulnerability detection

☒ Event reconstruction

☐ Data protection

☒ Auditing

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4. Which of these plays an important role in keeping attack traffic off your systems and helps to protect users? Select all that apply.

1 / 1 point

☒ Antimalware measures

☐ Multiple Attack Vectors

☐ Full disk encryption (FDE)

☒ Antivirus software

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5. What can provide resilience against data theft, and can prevent an attacker from stealing confidential information from a hard drive that was stolen?

1 / 1 point

☐ OS upgrades

☐ Software patch management

☒ Full disk encryption (FDE)

☐ Key escrow

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6. What is the purpose of installing updates on your computer? Select all that apply.

1 / 1 point

☒ Updating improves performance and stability

☐ Updating helps block all unwanted traffic

☒ Updating addresses security vulnerabilities

☐ Updating adds new features

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7. Besides software, what other things will also need patches? Select all that apply.

1 / 1 point

☒ Infrastructure firmware

☐ NFC tags

☒ Operating systems

☐ Hardware

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8. What are the two primary purposes of application software policies? Select all that apply.

1 / 1 point

☒ To help educate users on how to use software more securely

☐ To use a database of signatures to identify malware

☐ To take log data and convert it into different formats

☒ To define boundaries of what applications are permitted

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9. What is a defining characteristic of a defense-in-depth strategy to IT security?

1 / 1 point

☒ Multiple overlapping layers of defense

☐ Strong passwords

☐ Encryption

☐ Confidentiality

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10. Ideally, an attack surface is ____

1 / 1 point

☒ as small as possible.

☐ frequently updated.

☐ as large as possible.

☐ open and defended.

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