

System Hardening

Application Hardening

Graded Assessments

Quiz: Defense in Depth

10 questions

🎉 Congratulations! You passed!

Grade received 97.50%

Defense in Depth

Quiz • 40 min

Latest Submission Grade 97.50%

To pass 80% or higher

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Due Jun 25, 11:59 PM +08

Attempts 3 every 24 hours

1. What is the common attack vector in a corporate network?

1 / 1 point

Try again

☒ The attack surface

☐ The antivirus software

☒ The Access Control Lists

☐ The risk

To Pass 80% or higher

✔ Correct

👍 Like

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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

✔ Correct

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

0.5 / 1 point

☒ Vulnerability detection

⊗ This should not be selected

Please review the video about [logging and auditing](#)

☒ Event reconstruction

✔ Correct

☒ Auditing

✔ Correct

☒ Data protection

⊗ This should not be selected

Please review the video about [logging and auditing](#)

4. What model does an antivirus software operate off of?

1 / 1 point

☐ Secure list

☒ Blacklist

☐ Greylist

☐ Whitelist

✔ Correct

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

☒ Full disk encryption (FDE)

☐ OS upgrades

☐ Key escrow

☐ Software patch management

✔ Correct

6. What does applying software patches protect against? Select all that apply.

0.75 / 1 point

☐ MITM attacks

☒ Newly found vulnerabilities

✔ Correct

☒ Undiscovered vulnerabilities

✔ Correct

☒ Data tampering

⊗ This should not be selected

Please review the video about [software patch management](#)

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

0.75 / 1 point

☒ Infrastructure firmware

✔ Correct

☒ Hardware

⊗ This should not be selected

Please review the video about [software patch management](#)

☐ NFC tags

☒ Operating systems

✔ Correct

8. Why is it risky if you wanted to make an exception to the application policy to allow file sharing software?

1 / 1 point

☐ The software can normalize log data

☒ The software could be infected with malware

☐ The software could disable full disk encryption (FDE)

☐ The software can shrink attack vectors

✔ Correct

9. Securely storing a recovery or backup encryption key is referred to as _____.

1 / 1 point

☐ Key backup

☐ Key obfuscation

☒ Key escrow

☐ Key encryption

✔ Correct

10. Why is it important to disable unnecessary components of software and systems?

1 / 1 point

☒ Less complexity means less vulnerability.

☐ Less complexity means less expensive.

☐ Less complexity means less work..

☐ Less complexity means less time required.

✔ Correct

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