

1. What is a class of vulnerabilities that are unknown before they are exploited?

1 / 1 point

☐ ACLs

☐ Attack Vectors

☐ Attack Surfaces

☒ Zero-day

☒ Correct

2. A core authentication server is exposed to the internet and is connected to sensitive services. What are some measures you can take to secure the server and prevent it from getting compromised by a hacker? Select all that apply.

0.75 / 1 point

☒ Access Control Lists (ACLs)

☒ Correct

☒ Secure firewall

☒ Correct

☒ Designate as a bastion host

☒ Correct

☒ Patch management

☒ Correct

☒ Host-based firewalls

☒ Correct

☒ Intrusion Detection System (IDS)

☒ Correct

☒ Network-based firewalls

☒ Correct

☒ Security Information and Event Management (SIEM) system

☒ Correct

☒ Full disk encryption (FDE)

☒ Correct

☒ Antivirus software

☒ Correct

☒ Antimalware measures

☒ Correct

☒ Multiple Attack Vectors

☒ Correct

☒ Zero-day vulnerabilities

☒ Correct

☒ Denial of Service (DoS) attacks

☒ Correct

☒ Social engineering

☒ Correct

☒ Phishing attacks

☒ Correct

☒ Malware

☒ Correct

☒ Ransomware

☒ Correct

☒ Data breaches

☒ Correct

☒ Insider threats

☒ Correct

☒ Supply chain attacks

☒ Correct

☒ Business email compromise (BEC)

☒ Correct

☒ Account hijacking

☒ Correct

☒ Credential stuffing

☒ Correct

☒ Brute force attacks

☒ Correct

☒ Denial of Service (DoS) attacks

☒ Correct

☒ Distributed Denial of Service (DDoS) attacks

☒ Correct

☒ Man-in-the-middle (MitM) attacks

☒ Correct

☒ Eavesdropping

☒ Correct

☒ Spoofing

☒ Correct

☒ Impersonation

☒ Correct

☒ Tailgating

☒ Correct

☒ Shoulder surfing

☒ Correct

☒ Dumpster diving

☒ Correct

☒ Pretexting

☒ Correct

☒ Baiting

☒ Correct

☒ Pharming

☒ Correct

☒ Whistleblowing

☒ Correct

☒ Tip-jar

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☒ Bribing

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☒ Extortion

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5. If a full disk encryption (FDE) password is forgotten, what can be incorporated to securely store the encryption key to unlock the disk? 1 / 1 point

- ☐ Application hardening
- ☒ Key escrow
- ☐ Application policies
- ☐ Secure boot

✓ Correct

6. What does applying software patches protect against? Select all that apply. 1 / 1 point

- ☒ Newly found vulnerabilities

✓ Correct

- ☐ MITM attacks
- ☒ Undiscovered vulnerabilities

✓ Correct

- ☐ Data tampering

7. How can software management tools like Microsoft SCCM help an IT professional manage a fleet of systems? Select all that apply 1 / 1 point

- ☒ Analyze installed software across multiple computers

✓ Correct

- ☐ Detect and prevent malware on managed devices
- ☒ Confirm update installation

✓ Correct

- ☒ Force update installation after a specified deadline

✓ Correct

8. What are the two primary purposes of application software policies? Select all that apply. 1 / 1 point

- ☐ To take log data and convert it into different formats
- ☒ To help educate users on how to use software more securely

✓ Correct

- ☐ To use a database of signatures to identify malware
- ☒ To define boundaries of what applications are permitted

✓ Correct

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

1 / 1 point

- ☐ Key encryption
- ☒ Key escrow
- ☐ Key obfuscation
- ☐ Key backup

✓ Correct

10. Which of the following are potential attack vectors? Select all that apply

0.75 / 1 point

☒ Network protocols

✓ Correct

☒ Email attachments

✓ Correct

☒ Network interfaces

✓ Correct

☒ Passwords

✗ This should not be selected

Please review the video about [disabling unnecessary components](#)