✅ **Congratulations! You passed!**

Grade received 97.50%	**Latest Submission Grade** 97.50%	**To pass** 80% or higher

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1. A hacker gained access to a network through malicious email attachments. Which one of these is important when talking about methods that allow a hacker to gain this access?   `1 / 1 point`

○ A 0-day

○ An ACL

○ An attack surface

◉ An attack vector

☑ **Correct**

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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`

○ Group Policy Objects (GPOs)

○ Secure Shell (SSH)

○ Active Directory

◉ Access Control Lists (ACLs)

☑ **Correct**

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3. A network security analyst received an alert about a potential malware threat on a user's computer. What can the analyst review to get detailed information about this compromise? Select all that apply.   `1 / 1 point`

☑ Security Information and Event Management (SIEM) system

☑ **Correct**

☐ Binary whitelisting software

☐ Full disk encryption (FDE)

☑ Logs

☑ **Correct**

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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`

☐ Multiple Attack Vectors

☑ Antivirus software

☑ **Correct**

☐ Full disk encryption (FDE)

☑ Antimalware measures

☑ **Correct**

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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

○ Secure boot

○ Application policies

☑ **Correct**

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6. What is the purpose of installing updates on your computer? Select all that apply.   `1 / 1 point`

☐ Updating helps block all unwanted traffic

☑ Updating addresses security vulnerabilities

☑ **Correct**

☑ Updating adds new features

☑ **Correct**

☑ Updating improves performance and stability

☑ **Correct**

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7. How can software management tools like Microsoft SCCM help an IT professional manage a fleet of systems? Select all that apply   `0.75 / 1 point`

☐ Detect and prevent malware on managed devices

☑ Force update installation after a specified deadline

✓ **Correct**

☑ Confirm update installation

✓ **Correct**

☐ Analyze installed software across multiple computers

You didn't select all the correct answers

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

`1 / 1 point`

☐ To use a database of signatures to identify malware

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

✓ **Correct**

☐ To take log data and convert it into different formats

☑ To define boundaries of what applications are permitted

✓ **Correct**

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9. While antivirus software operates using a _____, binary whitelisting software uses a whitelist instead.

`1 / 1 point`

🔘 Blacklist

⚪ Whitelist

⚪ Secure list

⚪ Greylist

✓ **Correct**

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

`1 / 1 point`

⚪ Less complexity means less expensive.

🔘 Less complexity means less vulnerability.

⚪ Less complexity means less time required.

⚪ Less complexity means less work..

✓ **Correct**