

# GIAC

GSEC  
*GIAC Security Essentials*

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## Product Version

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# Latest Version: 11.0

## Question: 1

Which of the following heights of fence deters only casual trespassers?

- A. 8 feet
- B. 2 to 2.5 feet
- C. 6 to 7 feet
- D. 3 to 4 feet

**Answer: D**

## Question: 2

You are going to upgrade your hard disk's file system from FAT to NTFS. What are the major advantages of the NTFS file system over FAT16 and FAT32 file systems?  
Each correct answer represents a complete solution. Choose all that apply.

- A. NTFS gives better file security than FAT16 and FAT32.
- B. Automatic backup.
- C. NTFS file system supports for larger hard disks.
- D. NTFS give improved disk compression than FAT16 and FAT32.

**Answer: A C D**

## Question: 3

Which of the following are network connectivity devices?  
Each correct answer represents a complete solution. Choose all that apply.

- A. Network analyzer
- B. Bridge
- C. Brouter
- D. Firewall
- E. Repeater
- F. Hub

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**Answer: B C E F**

### Question: 4

You work as a Linux technician for Tech Perfect Inc. You have lost the password of the root. You want to provide a new password. Which of the following steps will you take to accomplish the task?

- A. The password of the root user cannot be changed.
- B. Use the PASSWD root command.
- C. Reboot the computer in run level 0. Use INIT=/bin/sh as a boot option.
- D. Reboot the computer in run level 1.

**Answer: D**

### Question: 5

You work as a Network Administrator for McNeil Inc. The company has a Linux-based network. David, a Sales Manager, wants to know the name of the shell that he is currently using. Which of the following commands will he use to accomplish the task?

- A. mv \$shell
- B. echo \$shell
- C. rm \$shell
- D. ls \$shell

**Answer: B**

### Question: 6

Which of the following is a term that refers to unsolicited e-mails sent to a large number of e-mail users?

- A. Hotfix
- B. Spam

- C. Biometrics
- D. Buffer overflow

**Answer: B**

### Question: 7

Which of the following statements about IPSec are true?  
Each correct answer represents a complete solution. Choose two.

- A. It uses Internet Protocol (IP) for data integrity.
- B. It uses Authentication Header (AH) for data integrity.
- C. It uses Password Authentication Protocol (PAP) for user authentication.
- D. It uses Encapsulating Security Payload (ESP) for data confidentiality.

**Answer: B D**

### Question: 8

Which of the following ports is the default port for Layer 2 Tunneling Protocol (L2TP)?

- A. TCP port 443
- B. UDP port 161
- C. TCP port 110
- D. UDP port 1701

**Answer: D**

### Question: 9

Which of the following statements regarding the Secure Sockets Layer (SSL) security model are true?

Each correct answer represents a complete solution. Choose two.

- A. The client can optionally authenticate the server.
- B. The client always authenticates the server.

- C. The server always authenticates the client.
- D. The server can optionally authenticate the client.

**Answer: B D**

### Question: 10

Which of the following monitors program activities and modifies malicious activities on a system?

- A. Back door
- B. HIDS
- C. NIDS
- D. RADIUS

**Answer: B**

### Question: 11

You work as a Network Administrator for NetTech Inc. When you enter `http://66.111.64.227` in the browser's address bar, you are able to access the site. But, you are unable to access the site when you enter `http://www.uCertify.com`. What is the most likely cause?

- A. DNS entry is not available for the host name.
- B. The site's Web server is offline.
- C. The site's Web server has heavy traffic.
- D. WINS server has no NetBIOS name entry for the server.

**Answer: A**

### Question: 12

Which of the following terms is used for the process of securing a system or a device on a network infrastructure?

- A. Hardening

- B. Authentication
- C. Cryptography
- D. Sanitization

**Answer: A**

### Question: 13

Which of the following is the reason of using Faraday cage?

- A. To prevent Denial-of-Service (DoS) attack
- B. To prevent shoulder surfing
- C. To prevent mail bombing
- D. To prevent data emanation

**Answer: D**

### Question: 14

Which of the following protocols is used to send e-mails on the Internet?

- A. SMTP
- B. IMAP4
- C. POP3
- D. HTTP

**Answer: A**

### Question: 15

Which of the following are used to suppress gasoline and oil fires? Each correct answer represents a complete solution. Choose three.

- A. Halon
- B. CO2
- C. Soda acid

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D. Water

**Answer: A B C**

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