



**Vendor:** GIAC

**Exam Code:** GISF

**Exam Name:** GIAC Information Security Fundamentals

**Version:** DEMO

**QUESTION 1**

Your company is covered under a liability insurance policy, which provides various liability coverage for information security risks, including any physical damage of assets, hacking attacks, etc. Which of the following risk management techniques is your company using?

- A. Risk acceptance
- B. Risk transfer
- C. Risk avoidance
- D. Risk mitigation

**Answer: B**

**QUESTION 2**

You have successfully installed an IRM server into your environment. This IRM server will be utilized to protect the company's videos, which are available to all employees but contain sensitive data. You log on to the WSS 3.0 server with administrator permissions and navigate to the Operations section. What option should you now choose so that you can input the RMS server name for the WSS 3.0 server to use?

- A. Self-service site management
- B. Content databases
- C. Information Rights Management
- D. Define managed paths

**Answer: C**

**QUESTION 3**

You work as a security manager for Qualxiss Inc. Your Company involves OODA loop for resolving and deciding over company issues. You have detected a security breach issue in your company.

Which of the following procedures regarding the breach is involved in the observe phase of the OODA loop?

- A. Follow the company security guidelines.
- B. Decide an activity based on a hypothesis.
- C. Implement an action practically as policies.
- D. Consider previous experiences of security breaches.

**Answer: A**

**QUESTION 4**

How should you configure the Regional Centers' e-mail, so that it is secure and encrypted?

(Click the Exhibit button on the toolbar to see the case study.)

- A. Use EFS.
- B. Use IPsec.
- C. Use S/MIME.
- D. Use TLS.

**Answer: C**

**QUESTION 5**

How long are cookies in effect if no expiration date is set?

- A. Fifteen days
- B. Until the session ends.
- C. Forever
- D. One year

**Answer: B**

**QUESTION 6**

You work as a Network Administrator for ABC Inc. The company has a secure wireless network.

However, in the last few days, an attack has been taking place over and over again. This attack is taking advantage of ICMP directed broadcast. To stop this attack, you need to disable ICMP directed broadcasts. Which of the following attacks is taking place?

- A. Smurf attack
- B. Sniffer attack
- C. Cryptographic attack
- D. FMS attack

**Answer: A**

**QUESTION 7**

Which of the following statements are true about Dsniff?

Each correct answer represents a complete solution. Choose two.

- A. It is a virus.
- B. It contains Trojans.
- C. It is antivirus.
- D. It is a collection of various hacking tools.

**Answer: BD**

**QUESTION 8**

Based on the information given in the case study, which two authentication methods should you use to allow customers to access their photos on the Web site?

(Click the Exhibit button on the toolbar to see the case study.)

Each correct answer represents a part of the solution. Choose two.

- A. Basic authentication without SSL
- B. Digest authentication with SSL

- C. Integrated Windows authentication
- D. Anonymous access
- E. Basic authentication with SSL
- F. Digest authentication without SSL

**Answer:** BE

**QUESTION 9**

Which of the following are the goals of the cryptographic systems?

Each correct answer represents a complete solution. Choose three.

- A. Availability
- B. Authentication
- C. Confidentiality
- D. Integrity

**Answer:** BCD

**QUESTION 10**

John works as an Exchange Administrator for Apple Inc. The company has a Windows 2003 Active Directory domain-based network. The network contains several Windows Server 2003 servers. Three of them have been configured as domain controllers. John complains to the Network Administrator that he is unable to manage group memberships. Which of the following operations master roles is responsible for managing group memberships?

- A. PDC emulator
- B. Infrastructure master
- C. Schema master
- D. RID master

**Answer:** B

**QUESTION 11**

You are the project manager of SST project. You are in the process of collecting and distributing performance information including status report, progress measurements, and forecasts. Which of the following process are you performing?

- A. Perform Quality Control
- B. Verify Scope
- C. Report Performance
- D. Control Scope

**Answer:** C

**QUESTION 12**

John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. The company is aware of various types of security attacks and wants to impede them. Hence, management has assigned John a project to port scan the company's Web Server.

For this, he uses the nmap port scanner and issues the following command to perform idle port scanning:

```
nmap -PN -p- -sI IP_Address_of_Company_Server
```

He analyzes that the server's TCP ports 21, 25, 80, and 111 are open.

Which of the following security policies is the company using during this entire process to mitigate the risk of hacking attacks?

- A. Audit policy
- B. Antivirus policy
- C. Non-disclosure agreement
- D. Acceptable use policy

**Answer:** A

### QUESTION 13

Which of the following protocols provides secured transaction of data between two computers?

- A. SSH
- B. FTP
- C. Telnet
- D. RSH

**Answer:** A

### QUESTION 14

A firewall is a combination of hardware and software, used to provide security to a network. It is used to protect an internal network or intranet against unauthorized access from the Internet or other outside networks. It restricts inbound and outbound access and can analyze all traffic between an internal network and the Internet. Users can configure a firewall to pass or block packets from specific IP addresses and ports. Which of the following tools works as a firewall for the Linux 2.4 kernel?

- A. IPChains
- B. OpenSSH
- C. Stunnel
- D. IPTables

**Answer:** D

### QUESTION 15

Which of the following concepts represent the three fundamental principles of information security?

Each correct answer represents a complete solution. Choose three.

- A. Privacy
- B. Availability
- C. Integrity

D. Confidentiality

**Answer:** BCD

**QUESTION 16**

You work as a Software Developer for Mansoft Inc. You create an application. You want to use the application to encrypt data. You use the HashAlgorithmType enumeration to specify the algorithm used for generating Message Authentication Code (MAC) in Secure Sockets Layer (SSL) communications.

Which of the following are valid values for HashAlgorithmType enumeration?

Each correct answer represents a part of the solution. Choose all that apply.

- A. MD5
- B. None
- C. DES
- D. RSA
- E. SHA1
- F. 3DES

**Answer:** ABE

**QUESTION 17**

John works as a professional Ethical Hacker. He has been assigned a project to test the security of www.we-are-secure.com. He wants to test the effect of a virus on the We-are-secure server. He injects the virus on the server and, as a result, the server becomes infected with the virus even though an established antivirus program is installed on the server. Which of the following do you think are the reasons why the antivirus installed on the server did not detect the virus injected by John?

Each correct answer represents a complete solution. Choose all that apply.

- A. The virus, used by John, is not in the database of the antivirus program installed on the server.
- B. The mutation engine of the virus is generating a new encrypted code.
- C. John has created a new virus.
- D. John has changed the signature of the virus.

**Answer:** ABCD

**QUESTION 18**

Which of the following types of virus is capable of changing its signature to avoid detection?

- A. Stealth virus
- B. Boot sector virus
- C. Macro virus
- D. Polymorphic virus

**Answer:** D

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