Question 1

The CTQ of a clearinghouse wants to implement a security mechanism that can alert the systems administrator about any hacker attempting to break into the electronic PHI processing server system. As a security advisor to the OTO, what mechanism would you recommend? Select the best answer.

Options:

A- Deploying a VPN.

B- Deploy SSL for all connections to the server.

C- Installing an IDS solution on the server.

D- Deploying a PRI solution.

E- Installing a firewall to allow pass through traffic only to the allowed network address.

Answer:

C

Question 2

Statement 1: The IEEE 802.1 lb standards for wireless network define two types of authentication methods, Open and Shared key.

Statement 2: The range of "Wi-Fi" products is within 30 feet of the router.

Statement 3: A VPN can be setup over a wireless network

Options:

A- Statement 1 is TRUE, Statement 2 is TRUE and Statement 3 is TRUE

B- Statement 1 is TRUE, Statement 2 is TRUE and Statement 3 is FALSE

C- Statement 1 is TRUE, Statement 2 is FALSE and Statement 3 is TRUE

D- Statement I is FALSE, Statement 2 is TRUE and Statement 3 is FALSE

E- Configure Statement 1 is TRUE, Statement 2 is FALSE and Statement 3 is FALSE

Answer:

C

Question 3

A hospital has contracted with Lorna's firm for the processing of statement generation and payment activities of its patients. At the end of the day, the hospital sends three different files to Lorna, one having new charges, the second one having updated addresses of the patients and third one having information related to payments received. The hospital wants to implement a secured method of transmission of these files to Lorna's firm. What would be the best option for the hospital?

Options:

A- Implement a Virtual Private Network (VPN) between the hospital and Lorna's firm and support it with strong authentication.

B- Audit Lorna's firm every quarter and check all log files.

C- Deploy intrusion detection software on Lorna's network.

D- Encrypt the files and then send it in a CD

E- Send the source data files in a CD via courier in the evening.

Answer:

A

Question 4

Dr. Alice needs to send patient Bob a prescription electronically. Dr. Alice wants to send the message such that Bob can be sure that the sender of the prescription was in fact Dr. Alice. Dr. Alice decides to encrypt the message as well as include her digital signature. What key will Bob use to be able to decrypt the session key used by Dr. Alice?

Options:

A- Dr. Alice's private key

B- Dr. Alice's public key

C- Bob's public key

D- Bob's private key

E- Dr. Alice's session key

Answer:

D

Question 5

Question Type: **MultipleChoice**

Statement 1: A SSL session established between a client and a Web site ensure encryption of information transmitted over the channel.

Statement 2: A PRI can generate certificates for a VPN infrastructure

Statement 3: With a PKI, the SSL server certificate as well as the end user's client certificate can be generated.

Options:

A- Statement 1 is TRUE, Statement 2 is TRUE and Statement 3 is TRUE

B- Statement 1 is TRUE, Statement 2 is TRUE and Statement 3 is FALSE

C- Statement 1 is TRUE, Statement 2 is FALSE and Statement 3 is TRUE

D- Statement 1 is FALSE, Statement 2 is TRUE and Statement 3 is FALSE

E- Statement 1 is TRUE, Statement 2 is FALSE and Statement 3 is FALSE

Answer:

A

Question 6

Question Type: **MultipleChoice**

Kerberos is an example of what kind of protocol?

Options:

A- Transmission protocol

B- Integrity protocol

C- Authentication protocol

D- VPN protocol

E- PKI protocol

Answer:

C

Question 7

Question Type: **MultipleChoice**

Digital certificates are used to bind:

A- A public key to an individual or entity

B- A private key to an individual or entity

C- A session key to an individual or entity

D- A public key to a private key

E- A session key to a public key

Answer:

A

Question 8

Question Type: **MultipleChoice**

What type of entity authentication method would you recommend for a small physician's office that includes a staff of five people including the physician? The physician conducts electronic transactions. He is only the physician that has access to the system.

Options:

A- Login ID with password based authentication.

B- Biometrics-based authentication

C- PKI-based authentication

D- Token based authentication

E- Digital certificate based authentication

Answer:

A

Question 9

Question Type: MultipleChoice

This Technical Safeguards standard is about mechanisms employed to record and examine system activity:

Options:

A- Access Control

B- Inventory Control

C- Audit Controls

D- Authorization Report

E- Authorization Control

Answer:

C

Question 10

Question Type: **MultipleChoice**

This form of security control addresses factors such as time of day or location of the user:

Options:

A- Role-based access

B- Event reporting

C- Context-based access

D- User-based access

E- Non-repudiation

Question 11

Question Type: **MultipleChoice**

An implementation specification defined within the integrity standard is:

Options:

A- Transmission security

B- Mechanism to authenticate electronic PHI

C- Integrity controls

D- Authentication

E- Audit controls

Question 12

Question Type: MultipleChoice

Person or Entity Authentication is a security standard in which HIPAA category (domain)?

Options:

A- Administrative Safeguards

B- Physical Safeguards

C- Technical Services

D- Technical Safeguards

E- Electronic Signatures

Answer:

D

To Get Premium Files for HIO-301 Visit

For More Free Questions Visit