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**QUESTION 1**

A network administrator at a large organization is reviewing methods to improve the security of the wired LAN. Any security improvement must be centrally managed and allow corporate-owned devices to have access to the intranet but limit others to Internet access only. Which of the following should the administrator recommend?

- A. 802.1X utilizing the current PKI infrastructure
- B. SSO to authenticate corporate users
- C. MAC address filtering with ACLs on the router
- D. PAM for users account management

Correct Answer: A

QUESTION 2

An organization is moving its human resources system to a cloud services provider. The company plans to continue using internal usernames and passwords with the service provider, but the security manager does not want the service provider to have a copy of the passwords. Which of the following options meets all of these requirements?

- A. Two-factor authentication
- B. Account and password synchronization
- C. Smartcards with PINS
- D. Federated authentication

Correct Answer: D

QUESTION 3

A network engineer has been asked to investigate why several wireless barcode scanners and wireless computers in a warehouse have intermittent connectivity to the shipping server. The barcode scanners and computers are all on forklift trucks and move around the warehouse during their regular use.

Which of the following should the engineer do to determine the issue? (Select Two)

- A. Perform a site survey.
- B. Deploy an FTK Imager.
- C. Create a heat map.
- D. Scan for rogue access points.
- E. Upgrade the security protocols.
- F. Install a captive portal



Correct Answer: AD

QUESTION 4

The IT department's on-site developer has been with the team for many years. Each time an application is released, the security team is able to identify multiple vulnerabilities. Which of the following would BEST help the team ensure the application is ready to be released to production?

- A. Limit the use of third-party libraries.
- B. Prevent data exposure queries.
- C. Obfuscate the source code.
- D. Submit the application to QA before releasing it.

Correct Answer: C

QUESTION 5

An organization has hired a security analyst to perform a penetration test. The analyst captures 1GB worth of inbound network traffic to the server and transfers the pcap back to the machine for analysis. Which of the following tools should the analyst use to future review the pcap?

- A. Nmap
- B. cURL
- C. Netcat
- D. Wireshark

Correct Answer: D

QUESTION 6

User from two organizations, each with its own PKI, need to begin working together on a joint project. Which of the following would allow the users of the separate PKIs to work together without connection errors?

- A. Trust model
- B. Stapling
- C. Intermediate CA
- D. Key escrow

Correct Answer: A

**QUESTION 7**

The chief security officer (CSO) has issued a new policy that requires that all internal websites be configured for HTTPS traffic only. The network administrator has been tasked to update all internal sites without incurring additional costs. Which of the following is the best solution for the network administrator to secure each internal website?

- A. Use certificates signed by the company CA
- B. Use a signing certificate as a wild card certificate
- C. Use certificates signed by a public ca
- D. Use a self-signed certificate on each internal server

Correct Answer: D

This is a way to update all internal sites without incurring additional costs? To be a CA (Certificate Authority), you need an infrastructure that consists of considerable operational elements, hardware, software, policy frameworks and practice statements, auditing, security infrastructure and personnel.

QUESTION 8

After a routine audit, a company discovers that engineering documents have been leaving the network on a particular port. The company must allow outbound traffic on this port, as it has a legitimate business use. Blocking the port would cause an outage. Which of the following technology controls should the company implement?

- A. NAC
- B. Web proxy
- C. DLP
- D. ACL

Correct Answer: C

QUESTION 9

A security administrator is creating a risk assessment with regard to how to harden internal communications in transit between servers. Which of the following should the administrator recommend in the report?

- A. Configure IPsec in transport mode.
- B. Configure server-based PKI certificates.
- C. Configure the GRE tunnel.
- D. Configure a site-to-site tunnel.

Correct Answer: B

**QUESTION 10**

An organization is trying to decide which type of access control is most appropriate for the network. The current access control approach is too complex and requires significant overhead. Management would like to simplify the access control and provide user with the ability to determine what permissions should be applied to files, document, and directories. The access control method that BEST satisfies these objectives is:

- A. Rule-based access control
- B. Role-based access control
- C. Mandatory access control
- D. Discretionary access control

Correct Answer: D

QUESTION 11

Which of the following is the main difference an XSS vulnerability and a CSRF vulnerability?

- A. XSS needs the attacker to be authenticated to the trusted server.
- B. XSS does not need the victim to be authenticated to the trusted server.
- C. CSRF needs the victim to be authenticated to the trusted server.
- D. CSRF does not need the victim to be authenticated to the trusted server.
- E. CSRF does not need the attacker to be authenticated to the trusted server.

Correct Answer: BC

QUESTION 12

A company is terminating an employee for misbehavior. Which of the following steps is MOST important in the process of disengagement from this employee?

- A. Obtain a list of passwords used by the employee.
- B. Generate a report on outstanding projects the employee handled.
- C. Have the employee surrender company identification.
- D. Have the employee sign an NDA before departing.

Correct Answer: C



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