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**QUESTION 1**

An administrator believes that the web servers are being flooded with excessive traffic from time to time. The administrator suspects that these traffic floods correspond to when a competitor makes major announcements. Which of the following should the administrator do to prove this theory?

- A. Implement data analytics to try and correlate the occurrence times.
- B. Implement a honey pot to capture traffic during the next attack.
- C. Configure the servers for high availability to handle the additional bandwidth.
- D. Log all traffic coming from the competitor's public IP addresses.

Correct Answer: A

QUESTION 2

A startup company offering software on demand has hired a security consultant to provide expertise on data security. The company's clients are concerned about data confidentiality. The security consultant must design an environment with data confidentiality as the top priority, over availability and integrity. Which of the following designs is BEST suited for this purpose?

- A. All of the company servers are virtualized in a highly available environment sharing common hardware and redundant virtual storage. Clients use terminal service access to the shared environment to access the virtualized applications. A secret key kept by the startup encrypts the application virtual memory and data store.
- B. All of the company servers are virtualized in a highly available environment sharing common hardware and redundant virtual storage. Clients use terminal service access to the shared environment and to access the virtualized applications. Each client has a common shared key, which encrypts the application virtual memory and data store.
- C. Each client is assigned a set of virtual hosts running shared hardware. Physical storage is partitioned into LUNS and assigned to each client. MPLS technology is used to segment and encrypt each of the client's networks. PKI based remote desktop with hardware tokens is used by the client to connect to the application.
- D. Each client is assigned a set of virtual hosts running shared hardware. Virtual storage is partitioned and assigned to each client. VLAN technology is used to segment each of the client's networks. PKI based remote desktop access is used by the client to connect to the application.

Correct Answer: C

QUESTION 3

An administrator of a secure web server has several clients with top security clearance and prefers security over performance. By default, which of the following cipher suites would provide strong security, but at the same time the worst performance?

- A. 3DES - SHA
- B. DES - MD5



C. Camellia - SHA

D. RC4 - MD5

Correct Answer: A

QUESTION 4

In order for a company to boost profits by implementing cost savings on non-core business activities, the IT manager has sought approval for the corporate email system to be hosted in the cloud. The compliance officer has been tasked with ensuring that data lifecycle issues are taken into account. Which of the following BEST covers the data lifecycle end- to-end?

A. Creation and secure destruction of mail accounts, emails, and calendar items

B. Information classification, vendor selection, and the RFP process

C. Data provisioning, processing, in transit, at rest, and de-provisioning

D. Securing virtual environments, appliances, and equipment that handle email

Correct Answer: C

QUESTION 5

After a security incident, an administrator revokes the SSL certificate for their web server `www.company.com`. Later, users begin to inform the help desk that a few other servers are generating certificate errors: `ftp.company.com`, `mail.company.com`, and `partners.company.com`. Which of the following is MOST likely the reason for this?

A. Each of the servers used the same EV certificate.

B. The servers used a wildcard certificate.

C. The web server was the CA for the domain.

D. Revoking a certificate can only be done at the domain level.

Correct Answer: B

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