

➤ **Vendor: CompTIA**

➤ **Exam Code: SY0-601**

➤ **Exam Name: CompTIA Security+ Certification Exam**

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QUESTION 749

A Chief Information Security Officer wants to ensure the organization is validating and checking the Integrity of zone transfers.

Which of the following solutions should be implemented?

- A. DNSSEC
- B. LOAPS
- C. NGFW
- D. DLP

Answer: D

QUESTION 750

To reduce and limit software and infrastructure costs, the Chief Information Officer has requested to move email services to the cloud. The cloud provider and the organization must have security controls to protect sensitive data. Which of the following cloud services would BEST accommodate the request?

- A. IaaS
- B. PaaS
- C. DaaS
- D. SaaS

Answer: B

QUESTION 751

An audit identified PII being utilized in the development environment of a critical application. The Chief Privacy Officer (CPO) is adamant that this data must be removed; however, the developers are concerned that without real data they cannot perform functionality tests and search for specific data.

Which of the following should a security professional implement to BEST satisfy both the CPO's and the development team's requirements?

- A. Data anonymization
- B. Data encryption
- C. Data masking
- D. Data tokenization

Answer: A

QUESTION 752

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Which of the following are the BEST ways to implement remote home access to a company's intranet systems if establishing an always-on VPN is not an option? (Select Two)

- A. Install VPN concentrations at home offices
- B. Create NAT on the firewall for intranet systems
- C. Establish SSH access to a jump server
- D. Implement a SSO solution
- E. Enable MFA for intranet systems
- F. Configure SNMPv3 server and clients.

Answer: AE

QUESTION 753

After a recent security breach, a security analyst reports that several administrative usernames and passwords are being sent via cleartext across the network to access network devices over port 23.

Which of the following should be implemented so all credentials sent over the network are encrypted when remotely accessing and configuring network devices?

- A. SSH
- B. SNMPv3
- C. SFTP
- D. Telnet
- E. FTP

Answer: A

QUESTION 754

A security analyst has identified malware spreading through the corporate network and has activated the CSIRT Which of the following should the analyst do NEXT?

- A. Review how the malware was introduced to the network.
- B. Attempt to quarantine all infected hosts to limit further spread.
- C. Create help desk tickets to get infected systems reimaged.
- D. Update all endpoint antivirus solutions with the latest updates.

Answer: B

QUESTION 755

Which of the following is a policy that provides a greater depth of knowledge across an organization?

- A. Asset manahement policy
- B. Separation of duties policy
- C. Acceptable use policy
- D. Job Rotation policy

Answer: C

QUESTION 756

An attacker replaces a digitally signed document with another version that foies unnoticed. Upon reviewing the document's contents, the author notices some additional verbaige that was not originally in the document but can't validate an integrity issue.

Which of the following attacks was used?

- A. Cryptomalware
- B. Prepending

- C. Collision
- D. Phising

Answer: C

QUESTION 757

A security engineer is building a file transfer solution to send files to a business partner. The users would like to drop off the files in a specific directory and have the server send to the business partner. The connection to the business partner is over the internet and needs to be secure. Which of the following can be used?

- A. S/MIME
- B. LDAPS
- C. SSH
- D. SRTP

Answer: B

QUESTION 758

A network engineer created two subnets that will be used for production and development servers. Per security policy, production and development servers must each have a dedicated network that cannot communicate with one another directly.

Which of the following should be deployed so that server administrators can access these devices?

- A. VLANS
- B. Internet proxy servers
- C. NIDS
- D. Jump servers

Answer: D

QUESTION 759

The Chief Information Security Officer (CISO) of a bank recently updated the incident response policy. The CISO is concerned that members of the incident response team do not understand their roles. The bank wants to test the policy but with the least amount of resources or impact. Which of the following BEST meets the requirements?

- A. Warm site failover
- B. Tabletop walk-through
- C. Parallel path testing
- D. Full outage simulation

Answer: B

QUESTION 760

A company has a flat network in the cloud. The company needs to implement a solution to segment its production and non-production servers without migrating servers to a new network. Which of the following solutions should the company implement?

- A. internet
- B. Screened Subnet
- C. VLAN segmentation
- D. Zero Trust

Answer: C

