

Cisco 300-745

Designing Cisco Security Infrastructure (SDSI)

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Question: 1

Which two best practices align with incident response and compliance objectives?
(Choose two.)

Response:

- A. Maintain immutable logs
- B. Use shared admin credentials
- C. Implement real-time monitoring
- D. Disable auditing to improve performance

Answer: A,C

Question: 2

Which two controls help detect drift in IaC-managed infrastructure?
(Choose two.)

Response:

- A. Continuous configuration monitoring
- B. Manual change log entries
- C. Immutable infrastructure patterns
- D. DHCP snooping

Answer: A,C

Question: 3

Which two metrics are important for evaluating the performance of automated security response workflows?

(Choose two.)

Response:

- A. Mean Time to Detect (MTTD)
- B. CPU temperature
- C. Mean Time to Respond (MTTR)
- D. VLAN propagation speed

Answer: A,C

Question: 4

Which two solutions help ensure consistent policy enforcement across multi-cloud workloads?

(Choose two.)

Response:

- A. Cisco Secure Workload (Tetration)
- B. SNMP traps
- C. Cloud-delivered Firewall (CDFW)
- D. Static IP routing

Answer: A,C

Question: 5

Which function does a DLP system perform when protecting application data?

Response:

- A. Inspects routing tables
- B. Enforces policy compliance by inspecting data in transit
- C. Redirects packets to edge firewalls
- D. Provides segmentation using VLANs

Answer: B

Question: 6

Which two approaches support secure communication in containerized microservices architectures?

(Choose two.)

Response:

- A. Mutual TLS between services
- B. Shared service account credentials
- C. Service Mesh with policy enforcement
- D. Static NAT entries

Answer: A,C

Question: 7

When designing security for applications distributed across multiple cloud providers, what is a key consideration?

Response:

- A. Consistent identity and access policies
- B. High-performance DHCP services
- C. MPLS cloud backbone routing
- D. Local proxy deployment

Answer: A

Question: 8

How does AI improve the performance of intrusion prevention systems (IPS)?

Response:

- A. Decreases SNMP load
- B. Enables real-time dynamic rule creation
- C. Disables logging overhead
- D. Bypasses signature-based detection

Answer: B

Question: 9

What is the primary benefit of conducting a root cause analysis after a security incident?

Response:

- A. Validate OSI model compliance
- B. Enable compliance with NTP standards
- C. Drive design improvements to prevent recurrence
- D. Improve FTP throughput

Answer: C

Question: 10

Which Cisco product provides automated incident response workflows integrated with SIEM and SOAR platforms?

Response:

- A. Cisco SecureX
- B. Cisco AnyConnect
- C. Cisco DNA Center
- D. Cisco Catalyst

Answer: A

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