

## Cisco 642-357 Exam

### **642-357: Designing Cisco Storage Network Solutions**

**Practice Exam:** 642-357 Exams

**Exam Number/Code:** 642-357

**Exam Name:** Designing Cisco Storage Network Solutions

**Questions and Answers:** 88 Q&As

**( CCNP )**



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Title : Designing Cisco Storage Network Solutions

1. Which statement is true concerning the Cisco MDS switch when operating in native interop mode?

Select the best response.

- A. The MDS switch can interoperate with Non-MDS switches that are certified by SNIA.
- B. The MDS switch can interoperate with Non-MDS switches that support "MDS Native" mode.
- C. The MDS switch can interoperate with Non-MDS switches that properly adhere to Fibre Channel switch standards.
- D. The MDS switch cannot interoperate with Non-MDS switches.

Answer: C

2. Which three Fibre Channel switch features are unique to Cisco's MDS 9000 Series switches? (Choose three.)  
Select 3 response(s).

- A. LUN Zoning
- B. Read-Only Zones
- C. Internet-Switch Link
- D. Fibre Channel Congestion Control
- E. FC Link Aggregation
- F. FSPF

Answer: ABD

3. Your customer has implemented an IPS-8 for FCIP connectivity to remote sites. How can this customer prevent unauthorized hosts from connecting to the Cisco MDS 9000 fabric through the FCIP interfaces?

Select the best response.

- A. Configure RADIUS authentication
- B. Configure IPSec encryption on the IPS-8
- C. Configure IP ACLs on the IPS-8
- D. Configure fabric binding on the IPS-8

Answer: C

4. What is the principal cost advantage of a collapsed core SAN design compared to a core-edge design if each connects the same number of host and storage ports?

Select the best response.

- A. fewer hops for a given exchange
- B. fewer long-wave SFPs
- C. fewer ISL connections
- D. fewer domains on the domain list
- E. fewer director-class switches

Answer: C

5. Which are two characteristics of the Cisco MDS Series fan modules? (Choose two.)

Select 2 response(s).

- A. Supervisor modules shut down the fan modules when the air temperature is below a preset threshold.
- B. If the Fan Status LED turns red, a fan has failed and the module must be replaced.
- C. Fan modules monitor air temperature and shut down if the temperature exceeds a preset threshold.
- D. Fan modules do not require the switch to be powered off in order to be replaced.

Answer: BD

6. Your customer has implemented an IPS-8 for iSCSI connectivity to workgroup servers. How can this customer prevent unauthorized hosts from connecting to the Cisco MDS 9000 fabric through the iSCSI interfaces?

Select the best response.

- A. Configure RADIUS authentication
- B. Configure IPSec encryption on the IPS-8
- C. Configure IP ACLs on the IPS-8
- D. Configure fabric binding on the IPS-8

Answer: C

7. Which of these provides fabric-based virtualization for multiple independent software vendors?

Select the best response.

- A. Storage Services Module (SSM)
- B. Cisco MDS 9000 32-port 1/2-Gbps Fibre Channel module
- C. Multiprotocol Services module
- D. Cisco MDS 9513 Supervisor 2

Answer: A

8. What are two ways of preventing unauthorized hosts from connecting to the management interface of a Cisco MDS 9000 Family switch? (Choose two.)

Select 2 response(s).

- A. use SNMPv3 only
- B. configure IP ACLs
- C. configure management VSANs
- D. use digital certificates
- E. implement RBAC

Answer: BD

9. Which Cisco MDS 9500 Series feature addresses the customer requirement for five nines (99.999-percent) availability?

Select the best response.

- A. active and standby FC line cards
- B. virtual output queuing (VOQ)
- C. SSM card is installed in the switch
- D. nondisruptive software upgrades
- E. redundant fan cards

Answer: D

10. What is the best mechanism to use to isolate backup traffic from other mission-critical traffic?

Select the best response.

- A. VSANs
- B. zones
- C. QoS
- D. IVR

Answer: A

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