Vendor: Cisco

Exam Code:300-625

Exam Name: Implementing Cisco Storage Area Networking (DCSAN)

Version: Demo

QUESTION 1

Which two protocols are used to implement SAN telemetry on Cisco MDS switches? (Choose two.)

A. RPC transport

B. GPB transport

C. gRPC transport

D. gRPC encoding

E. GPB encoding

Correct Answer: CE

QUESTION 2

Which two components are required for successful MDS USB POAP (Choose two.)

A. NTFS formatted USB drive

B. USB drive in port 1

C. script named poap_script pl

D. ENTERPRISE_PKG license

E. system and kickstart images

Correct Answer: CE

QUESTION 3

A storage administrator manually configures a storage switch to use a new static domain ID. After issuing an fcdomain restart vsan 1 command, the administrator sees that the switch is still using the existing domain ID. What is the reason why the configuration is not working?

A. Static domain IDs apply only after a switch is rebooted.

B. The disruptive keyword was not used on the command.

C. Build fabric notifications were not sent to the other switches.

D. Domain manager fast restart is not enabled on the switch.

Correct Answer: A

QUESTION 4

An engineer is configuring a SAN environment and attempts to activate a zoneset, but a lock is held by another user. Which argument does the engineer use to clear the lock from the zoning database configuration?

A. commit

B. abort

C. clear

D. force

Correct Answer: C

QUESTION 5

Refer to the exhibits.

Exhibit 1:

```
MDS-A# show zoneset vsan 100
zoneset name ZoneSetMDS-A-VSAN100- vsan 100
MDS-A# show zoneset brief vsan 100
zoneset name ZoneSetMDS-A-VSAN500 vsan 100
    zone Host1-Strg1
    zone Host2-Strg2
MDS-A# show zoneset active vsan 100
zoneset name ZoneSetMDS-A-VSAN100 vsan 100
    zone name Host1-Strg1 vsan 100
      pwwn 20:00:00:25:b5:fa:00:11
      pwwn 50:05:07:68:0d:05:ac:11
    zone name Host2-Strg2 vsan 100
      pwwn 20:00:00:25:b5:fa:00:22
      pwwn 50:05:07:68:0d:05:ac:22
MDS-A# show zone status vsan 100
VSAN: 100 default-zone: deny distribute: active only Interop: default
    mode: basic merge-control: allow
    session: none
    hard-zoning: enabled broadcast: unsupported
    smart-zoning: disabled
    rscn-format: fabric-address
    activation overwrite control: disabled

Output omitted for brevity
```

Exhibit 2:

```
MDS-A# show zoneset vsan 100
zoneset name ZoneSetMDS-B-VSAN100- vsan 100
    zone name Host3-Strg3 vsan 100
      pwwn 20:00:00:25:b5:fa:00:33
      pwwn 50:05:07:68:0d:05:ac:33

MDS-A# show zoneset brief vsan 100
zoneset name ZoneSetMDS-A-VSAN100 vsan 100
```

A storage network engineer activates a zoneset on MDS-A and verifies the successful activation (Exhibit 1). The engineer is then notified that there is a SAN outage (Exhibit 2) What is the cause of the outage?

A. Another network engineer activated zoneset ZoneSetMDS-B-VSAN100 on MDS-A.

B. Another network engineer issued the zone mode enhanced vsan 100 command on another switch in the fabric.

C. Another network engineer activated the zoneset ZoneSetMDS-B-VSAN100 command on another switch in the fabric.

D. Another network engineer issued the zone default-zone permit vsan 100 command on another switch in the fabric.

Correct Answer: D

QUESTION 6

A storage engineer is troubleshooting a Cisco MDS switch upgrade issue. What prevents the completion of a non-disruptive upgrade?

A. The Fibre Channel host initiator is connected.

B. The Fibre Channel storage target is connected.

C. The Cisco Fabric Services operation in progress.

D. The Fibre Channel and FCoE storage targets are connected.

Correct Answer: B

Reference: https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/release/notes/14116.16.html

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QUESTION 7

Which configuration is needed to enable manual ESP mode for Fibre Channel TrustSec on Cisco MDS switches?

A. MDS(config)# interface fc 1/1 MDS(config-if)# fcsp esp manual

B. MDS(config)# fcsp esp manual

C. MDS(config)# interface fc 1/1 MDS(config-if)# fcsp mode gcm MDS(config-if-fcsp)# fcsp esp manual

D. MDS(config)# interface fc 1/1 MDS(config-if)# fcsp esp manual MDS(config-if-fcsp)# mode gcm

Correct Answer: A

QUESTION 8

What does an unlicensed DCNM SAN fail to display?

A. Fibre Channel, FCoE, and iSCSI topologies

B. events and fault management

C. historical performance monitoring

D. real-time performance monitoring

Correct Answer: C

QUESTION 9

Refer to the exhibit.

```
switch-1 (config)# zoneset name Zone-B vsan 100
Zoning database update is progress, command rejected
```

Which command is used to determine which switch has the lock?

A. show fcs ie vsan

B. show zoneset active

C. show zone status

D. show flogi database

Correct Answer: C

QUESTION 10

Which feature on MDS platforms ensures that the code that is running on the hardware platform is authentic and unmodified, while also validating the BIOS to eliminate any rootkits.

A. Cisco Secure Boot

B. UEFI Secure Boot

C. Secure Unique Device Identifier

D. BIOS Secure Boot

Correct Answer: A

QUESTION 11

Which configuration is available only in Cisco DCNM-SAN Advanced mode?

A. IVR

B. VMpath configuration

C. zoning

D. template-based provisioning

Correct Answer: A

QUESTION 12

Which component is initially responsible for loading the kickstart image on Cisco MDS Switches?

A. ROMMON

B. BIOS

C. NX-OS

D. BASH

Correct Answer: C