



300-625^{Q&As}

Implementing Cisco Storage Area Networking (DCSAN)

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QUESTION 1

A storage administrator is enabling DH-CHAP for the first time on a Fibre Channel fabric. Which condition must the administrator consider while configuring this feature?

- A. NTP must be configured on all devices or the configuration fails.
- B. The MD5 hash must be used if TACACS+ or RADIUS authentication for FCSP is enabled.
- C. All switches on the fabric must be configured for the same password.
- D. Enabling DH-CHAP protocol feature is unsupported on FCIP interfaces.

Correct Answer: B

QUESTION 2

Refer to the exhibit.



```
MDS-A# show run
...
!Activate Zone Database Section for vsan 10
zone name Server11 vsan 10
  member pwnn 11:11:11:11:11:11:11:11
  member pwnn 11:11:11:11:11:11:11:12
zoneset name Zoneset10-A vsan 10
  member Server11
zoneset activate name Zoneset10-A vsan 10
...

MDS-B# show run
...
!Activate Zone Database Section for vsan 10
zone name Server11 vsan 10
  member pwnn 11:11:11:11:11:11:11:11
  member pwnn 11:11:11:11:11:11:11:12
  member pwnn 11:11:11:11:11:11:11:13
zoneset name Zoneset10-B vsan 10
  member Server11
zoneset activate name Zoneset10-B vsan 10
...

MDS-A# show interface fc1/11
fc1/11 is trunking (Not All VSANs UP on the trunk)
  Port description is *** ISL-Trunk-MDS-B ***
  ....
  Port mode is TE
  Port vsan is 20
  ....
  Trunk vsans (admin allowed and active) (10,20)
  Trunk vsans (up) (20)
  Trunk vsans (isolated) (10)
  Trunk vsans (initializing) ()
  ...

MDS-A# show log
...
... MDS-A %ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: %SVSAN 10%S Zone merge full database
mismatch on interface fc1/11
... MDS-A %ZONE-2-ZS_MERGE_FAILED: %SVSAN 10%S Zone merge failure, isolating interface
fc1/11 reason: Member mismatch:[reason:0]
... MDS-A %PORT-5-IF_TRUNK_DOWN: %SVSAN 10%S Interface fc1/11, vsan 10 is down
(Isolation due to zone merge failure) *** ISL-Trunk-MDS-B FC1/11 ***
```

A storage network engineer gets remote access to two Cisco MDS 9000 Series Switches with an ISL trunk and receives several log messages. Which set of actions resolve the problem while least affecting service?

- A. 1. Add :11:11:11:11:11:11:11:13 pwnn in zone Server11 and activate Zoneset10-A on MDS-A.
- 2. shut/no shut interface fc1/11 on MDS-A.
- B. 1. Deactivate zone set Zoneset10-A on MDS-A.
- 2. shut/no shut interface fc1/11 on MDS-A.
- C. 1. Add :11:11:11:11:11:11:13 pwnn in zone Server11 and activate Zoneset10-A on MDS-A.
- 2. Remove VSAN 10 from the allowed VSAN range of interface fc1/11 on MDS-A and add it back in the range.



D. 1. Explicitly import zone set Zoneset10-A on MDS-B using the zoneset import interface import fc1/11 vsan 10 command.

2. Activate the zone set Zoneset10-A.

Correct Answer: A

QUESTION 3

What is the effect of a non-graceful virtual machine shutdown on a virtualized server that is connected to a SAN with Fibre Channel interfaces?

- A. NP Port reload connected to the upstream SAN switch
- B. out-of-service Fibre Channel interfaces on the SAN switch
- C. frames stuck in the storage system
- D. frames stuck in the HBA buffer of the server

Correct Answer: B

QUESTION 4

A storage administrator is upgrading Cisco NX-OS on a Cisco MDS switch. The administrator performs an ISSU upgrade following the configuration guide. While the install is proceeding, the administrator connects a new server to the switch, which cannot access storage. The existing servers continue to operate properly through the switch. Why is the new server failing to connect?

- A. The fabric data plane resets as part of the upgrade process.
- B. The new server is unable to log in to the fabric to receive an FC-ID.
- C. The upgrade process disables any currently unused ports.
- D. The zoning database is locked during the upgrade process.

Correct Answer: D

QUESTION 5

A storage administrator is connecting two previously configured switches to make a single fabric. When the E Ports are connected, the administrator sees a ZONE MERGE FAILURE message referring to the zoneset for VSAN 10 on each switch. Which command should the administrator use to allow these switches to work together?

- A. zoneset import interface fc1/1 vsan 10
- B. zoneset distribute full vsan 10
- C. zoneset overwrite-control vsan 10



D. zoneset copy active-zoneset full-zoneset

Correct Answer: A

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