300-625 ^{Q&As}

Implementing Cisco Storage Area Networking (DCSAN)

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QUESTION 1

Which two steps are mutual between Cisco secure boot and UEFI secure boot? (Choose two.)

A. bootloader

B. operating system

C. microloader

D. kemel

E. hardware anchor

Correct Answer: AB

QUESTION 2

Refer to the exhibit.

```
switch# (config) interface fcip 51
switch# (config) use-profile 10
switch# (config) peer-info ipaddr 10.1.1.1
switch# (config) no shutdown

switch# show fcip profile 10
FCIP Profile 10
Internet Address is 10.0.0.10 (interface GigabitEthernet1/0)
Listen Port is 3225
TCP parameters
SACK is disabled
PMTU discovery is enabled, reset timeout is 3600 sec
Keep alive is 60 sec
Minimum retransmission timeout is 300 ms
Maximum number of re-transmissions is 4
Send buffer size is 0 KB
Maxumum allowed bandwidth is 1000000 kbps
Minimum available bandwidth is 15000 kbps
Estimated round trip time is 1000 usec
```

Which configuration change improves the ability of the link to recover from frame loss?

A. Increase the reset timeout.

B. Enable selective acknowledgment.

C. Increase the send buffer size to 15000 KB.

D. Disable PMTU discovery.

Correct Answer: B

QUESTION 3

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 4

A storage network engineer is upgrading a Cisco MDS Director with dual supervisor modules. The install command is executed on the standby supervisor module but fails. Which action would have prevented this failure?

A. All FCoE interfaces configured on the MDS must be shut down before starting the upgrade.

B. The upgrade must be done on the active supervisor module only.

C. Cisco Fabric Services must be disabled before starting the upgrade.

D. Fabric Controller Service must be stopped before starting the upgrade.

Correct Answer: B

QUESTION 5

Which EtherType is used by the FCoE Initialization Protocol?

A. 0x8913

B. 0x8914

C. 0xxfc0e

D. 0x8906

Correct Answer: B

QUESTION 6

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 7

Refer to the exhibit.

```
MDS-A# show run
...
!Activate Zone Database Section for vsan 10
zone name Server11 vsan 10
    member pwwn 11:11:11:11:11:11:11:11
    member pwwn 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 pwwn 11:11:11:11:11:11:11:11
    member pwwn 11:11:11:11:11:11:11:12
    member pwwn 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_DATABAE_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 pwwn 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 :11:11:11:11:11:11:11:13 pwwn 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 8

Refer to the exhibit.

```
MDS-A# show run interface port-channel 2
interface port-channel2
channel mode active
switchport description ***Connected to FI***
switchport rate-mode dedicated

MDS-A# sh port-channel database
port channel2
Administrative channel mode is active
Operational channel mode is active
Last membership update succeeded
First operational port is fc1/9
2 ports in total, 2 ports up
Ports: fc1/9 [up] *
fc1/10 [up]
```

A port channel has been configured between a Cisco MDS and a Cisco Fabric Interconnect switch. Which interface(s) in the port channel carry the control plane traffic?
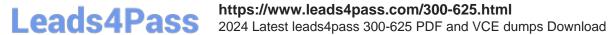
A. per packet, balanced between interfaces fc1/9 and fc1/10

B. from interface fc1/9

C. from interface fc1/10

D. per flow, balanced between interfaces fc1/9 and fc1/10

Correct Answer: D

QUESTION 9

Two stable fabrics have overlapping domains. After a switch from the first domain is joined to a switch from the second

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domain, both switches become isolated. What caused the problem?

A. The autoreconfigure option is disabled on both switches.

B. The autoreconfigure option is enabled on both switches.

C. The rcf-reject option is enabled on the interfaces.

D. The rcf-reject option is disabled on the interfaces.

Correct Answer: A

QUESTION 10

Which command identifies the application and the user that have a Cisco Fabric Services session open?

A. show cfs application

B. show zoneset active

C. show cfs lock D. show device-alias database

Correct Answer: A

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