300-625^{Q&As}

Implementing Cisco Storage Area Networking (DCSAN)

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QUESTION 1

Two stable fabrics have overlapping domains. After a switch from the first domain is joined to a switch from the second 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 2

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 3

Refer to the exhibit.

```
switch(config) # show zone status vsan 5
VSAN: 2 default-zone: deny distribute: full version Interop: default
mode: enhanced merge-control: allow
session: none
hard-zoning: enabled broadcast: unsupported
smart-zoning: disabled
rscan-format: fabric-address
activation overwrite control: enabled
Default zone:
qos: none broadcast: unsupported ronly: unsupported
Full Zoning Database :
DB size: 348 bytes
Zonesets: 2 Zones: 2 Aliases: 0 Attribute-groups: 1
Active Zoning Database :
DB size: 68 bytes
Name: zoneset Zonesets: 1 Zones: 1
Current Total Zone DB Usage: 416 / 2097152 bytes (0 % used)
Pending (Session) DB size:
Full DB Copy size: 0 bytes
Active DB Copy size: 0 bytes
SFC size: 0 / 2097152 bytes (0 % used)
Status: Commit completed at 12:10:29 UTC Jan 11 2019
```

Device alias information must be merged for two fabrics. Which setting must match on both fabrics before the merge can be performed successfully?

A. device-alias mode

B. session

C. qos

D. smart-zoning

Correct Answer: A

QUESTION 4

Which configuration is always required when running the setup utility on a Cisco MDS 9000 Series Switch?

A. administrator password

B. management IP address

C. active NTP server

D. active default gateway

Correct Answer: A

QUESTION 5

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 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

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 8

Which benefit of upgrading to the Cisco DCNM server-based advanced feature license for a Cisco MDS switch is correct?

A. The license can be reassigned when a switch is replaced with a newer version within the same product family.

B. The license can be assigned to either server MAC address or switch serial number.
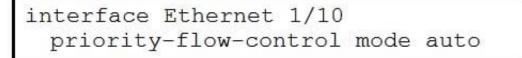
C. An unlimited number of devices can be added to the list of licensed devices.

D. The license can be reassigned when the switch is replaced with a Cisco Nexus switch.

Correct Answer: A

QUESTION 9

Refer to the exhibit.

```
interface Ethernet 1/10
  priority-flow-control mode auto
```

What is the result of the configuration?

A. No-drop CoS values are advertised by the DCBX.

B. LFC is prioritized over PFC on Ethernet 1/10.

C. PFC operates on Ethernet 1/10 regardless of the capability of the peer.

D. PFC fails to operate properly unless LFC is disabled on Ethernet 1/10.

Correct Answer: A

QUESTION 10

Which result occurs if a device alias is renamed and then the original device alias name is used in an add command in the same session?

A. Both commands execute successfully.

B. The device alias is renamed and the add command is moved to the rejected list.

C. Both commands are moved to the rejected list.

D. The rename command is moved to the rejected list and the add command executes successfully.

Correct Answer: A