# 300-625<sup>Q&As</sup>

Implementing Cisco Storage Area Networking (DCSAN)

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**QUESTION 1**

A storage administrator is configuring inter-VSAN routing on a fabric that contains duplicate domain IDs. Which feature must be configured to ensure continued operation?

A. auto topology

B. transit VSANs

C. IVR NAT

D. virtual domains

Correct Answer: C

**QUESTION 2**

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 3**

A storage network engineer is implementing disk-array data replication between two SAN environments in two different data centers not connected via Fibre Channel. Which SAN switch feature must be implemented?

A. FCIP

B. zoning merge over LAN

C. VSAN scoping

D. IVR

Correct Answer: A

**QUESTION 4**

Which condition requires using a device alias rather than a Fibre Channel alias?

A. The zone database must be distributed over the fabric.

B. The same alias must be used in zoning as well as DPVM.

C. All aliases being used are being configured in the same VSAN.

D. Aliases must be saved within a central database on the fabric.

Correct Answer: A

**QUESTION 5**

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 6**

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 7**

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?

![Pass2Lead](https://Pass2Lead.com)
A. show fcs ie vsan

B. show zoneset active

C. show zone status

D. show flogi database

Correct Answer: C

QUESTION 8

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
```

![Pass2Lead](https://Pass2Lead.com)
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 9**

DRAG DROP

Drag and drop the items from the left onto the correct descriptions on the right. Not all items are used.

Select and Place:

| | |
|---|---|
| slow drain | port-to-port flow control |
| end-to-end flow control | prevents head-of-line blocking |
| buffer-to-buffer flow control | traffic failed to be transmitted at line rate |
| slow port | device that fails to accept frames at its line rate |
| virtual output queues | |

Correct Answer:

| | buffer-to-buffer flow control |
|---|---|
| end-to-end flow control | virtual output queues |
| | slow port |
| | slow drain |
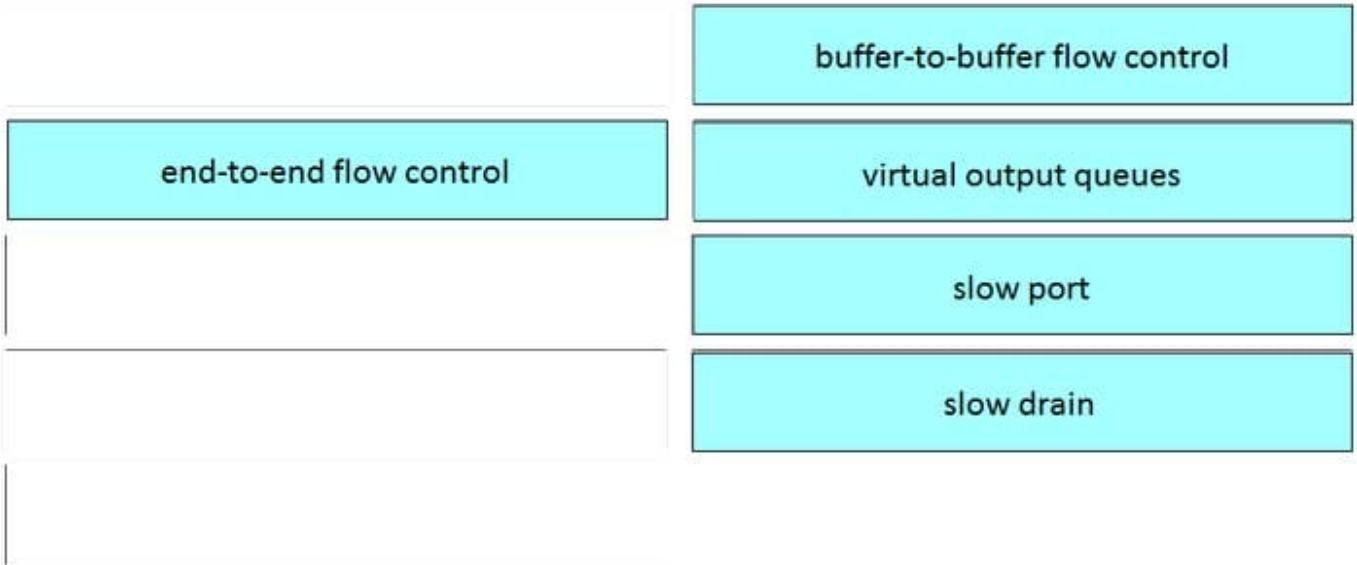
**QUESTION 10**

Refer to the exhibit.

```
switch-2# show zone status vsan 10
VSAN: 10 default-zone: deny distribute: active only Interop: default
    mode: enhanced merge-control: allow
    session: cli [admin]
    hard-zoning: enabled broadcast: enabled

Default zone:
    qos: none broadcast: disabled ronly: disabled
```

A user who is logged in as an operator cannot update the zoneset. What is the cause of this issue?

A. The fabric is locked by admin on switch-2.

B. Hard zoning is enabled.

C. Merge control is disabled.

D. The switch has a conflicting domain ID.

E. The fabric is locked by admin on another switch.

Correct Answer: A

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