



**Free Questions for 300-625 by certscare**

**Shared by Odom on 07-06-2022**

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# Question 1

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Question Type: MultipleChoice

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Refer to the exhibit.

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

Refer to the exhibit. What is the result of the configuration?

## Options:

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- 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.

## Answer:

---

A

## Question 2

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Question Type: MultipleChoice

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Refer to the exhibit.

```
username san-user password 5 $1$DybHlK9I$PWV.S2PODNlnvdX8E9a4W. role sangroup
MDS-A# sh users | i san
san-user pts/1 Jun 23 18:46 . 29473 (192.168.254.1) session=ssh
Role: sangroup
Description: new role
Vsan policy: deny
Permitted vsans: 10-30
-----
Rule Type Command-type Feature
-----
1 permit config *
2 deny config vsan
3 permit exec fcping
MDS-A(config)# fspf config vsan 500
% VSAN permission denied
```

Refer to the exhibit. The san-user must configure FSPF on the VSAN 500. but fails. An operator with network administrative rights must authorize the san-user to perform this work. Which configuration must the operator apply?

## Options:

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- A) MDS-A(config)# role name sangroup  
MDS-A(config-role># no rule 2
- B) MDS-A(config)# role name sangroup  
MDS-A(config-role)# rule 4 permit config feature fspf
- C) MDS-A(config)# role name sangroup  
MDS-A(config-role)# rule 2 permit config feature vsan
- D) MDS-A(config)# role name sangroup  
MDS-A(config-role)# vsan policy deny  
MDS-A(config-role-vsan)# permit vsan 500

## Answer:

---

C

## Question 3

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**Question Type:** MultipleChoice

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Refer to the exhibit.

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

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

**Options:**

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- A) show fcs ie vsan
- B) show zoneset active
- C) show zont status
- D) show flogi database

**Answer:**

---

C

## Question 4

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**Question Type:** MultipleChoice

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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
Maximum allowed bandwidth is 1000000 kbps
Minimum available bandwidth is 15000 kbps
Estimated round trip time is 1000 usec
```

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

**Options:**

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- A) Increase the reset timeout.
- B) Enable selective acknowledgment.

C) Increase the send buffer size to 15000 KB.

D) Disable PMTU discovery.

**Answer:**

---

D

## Question 5

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**Question Type: MultipleChoice**

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Refer to the exhibit

```
Switch 1
Ivr nat
ivr vsan-topology auto
ivr service-group name GROUP1
autonomous-fabric-id 100 vsan-ranges 1-3,100
autonomous-fabric-id 1 switch 20:00:00:05:31:11:32:ac vsan-ranges 1
autonomous-fabric-id 1 switch 20:00:00:05:40:12:1e:dd vsan-ranges 1-3

Switch 2
ivr vsan-topology auto
ivr service-group name GROUP2
autonomous-fabric-id 100 vsan-ranges 1,6-7,200
autonomous-fabric-id 1 switch 20:00:00:05:31:11:32:ac vsan-ranges 1
autonomous-fabric-id 1 switch 20:00:00:05:40:12:1e:dd vsan-ranges 6-7
```

Refer to the exhibit. What is the result of merging the fabric?

**Options:**

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- A) The merged fabric IVR VSAN topology is set to activate
- B) The merged fabric has NAT enabled
- C) The merge is invalid
- D) The merged fabric contains only service group Group1

**Answer:**

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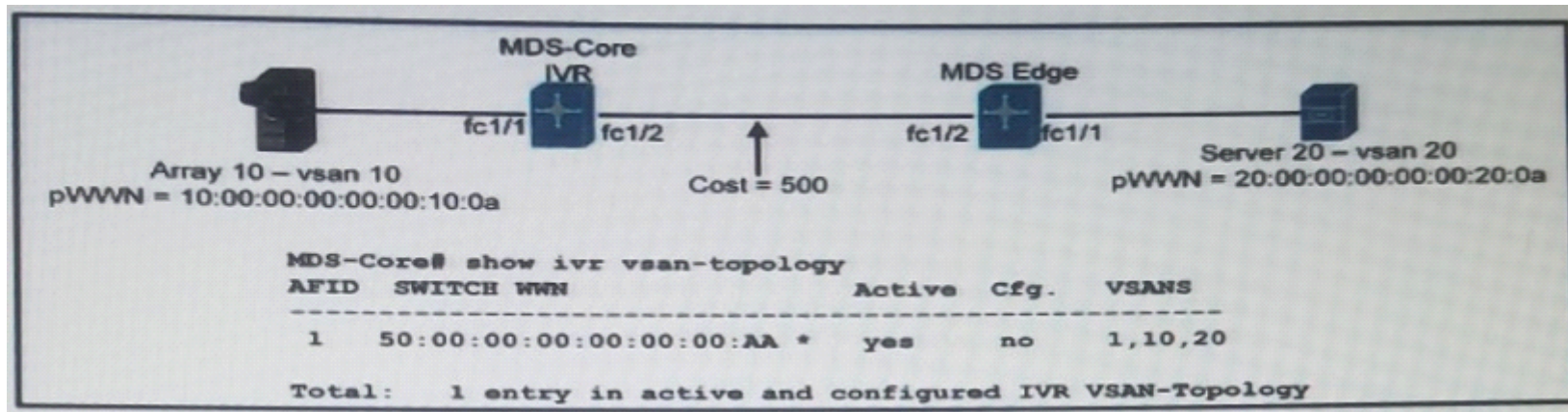


D

## Question 6

Question Type: MultipleChoice

Refer to the exhibit.



Refer to the exhibit. An engineer is configuring Inter-VSAN routing for two Cisco MDS switches. The FSPF cost between the switches is 500, and the Cisco MDS core virtualizes an IVR NAT domain as shown. Which statement about the topology is correct?

Options:

- A) The MDS-Core simulates an IVR NAT. and the FSPF cost is 500.
- B) The MDS-Core simulates an IVR NAT and increases the cost to 501.
- C) The MDS-Core simulates an IVR NAT and decreases the cost to 400.
- D) The MDS-Core simulates an IVR NAT and increases the cost to 600.

**Answer:**

---

A

## Question 7

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**Question Type:** MultipleChoice

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Refer to the exhibit.

```

MDS-A# show run
...
!Active Zone Database Section for vsan 10
zone name Server11 vsan 10
  member pwn 11:11:11:11:11:11:11:11
  member pwn 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
...
!Active Zone Database Section for vsan 10
zone name Server11 vsan 10
  member pwn 11:11:11:11:11:11:11:11
  member pwn 11:11:11:11:11:11:11:12
  member pwn 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 fcl/11
fcl/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: %VSAN 10% Zone merge full
database mismatch on interface fcl/11
... MDS-A %ZONE-2-ZS_MERGE_FAILED: %VSAN 10% Zone merge failure, isolating
interface fcl/11 reason: Member mismatch:[reason:0]
... MDS-A %PORT-5-IF_TRUNK_DOWN: %VSAN 10% Interface fcl/11, vsan 10 is down
(Isolation due to zone merge failure) *** ISL-Trunk-MDS-B fcl/11 ***

```

Refer to the exhibit. 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?

### Options:

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- 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 fc1/11 vsan 10 command.  
2. Activate the zone set Zoneset 10-A.

### Answer:

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A

## Question 8

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**Question Type:** MultipleChoice

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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]
```

Refer to the exhibit. 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?

**Options:**

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- 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

**Answer:**

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A

## Question 9

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**Question Type: MultipleChoice**

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Which two components are Required for successful MDS USB POAP? (Choose two)

**Options:**

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- 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

**Answer:**

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D, E

## **Question 10**

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**Question Type: MultipleChoice**

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Refer to the exhibit.

**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 active 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

zone Host1-Strg1

zone Host2-Strg2

Refer to the exhibits 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?

**Options:**

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- 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.

**Answer:**

---

A

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