300-625^{Q&As}

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Implementing Cisco Storage Area Networking (DCSAN)

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QUESTION 1

After a subordinate switch requests a domain ID form a principal switch, the requested domain ID becomes the runtime domain ID, and all interfaces on the affected VSAN are isolated. What is a solution to the issue?

A. Add the received ID to the allowed list.

B. Configure a static domain on the subordinate switch and reboot the switch.

C. Enable the FICON feature on the affected VSAN.

D. Configure IVR NAT on the affected VSAN.

Correct Answer: A

QUESTION 2

Which result occurs when a VSAN is deleted that contains non-trunking ports?

A. The ports are moved to VSAN 4094.

B. The ports are moved to VSAN 1.

C. The ports are removed from the configuration.

D. The port configurations are cleared.

Correct Answer: A

QUESTION 3

DRAG DROP

Drag and drop the boot issues from the left onto the correct solutions on the right.

Select and Place:

The BIOS is corrupted.	Replace the module.
The bootflash is corrupted.	Specify the entire path.
Boot parameters are incorrect.	Use the netboot option.
The Cisco NX-OS image is corrupted.	Recover by using the boot loader.

Correct Answer:

	The BIOS is corrupted.
	Boot parameters are incorrect.
	The bootflash is corrupted.
	The Cisco NX-OS image is corrupted.

QUESTION 4

Which port mode is used on an NPV device to connect to an NPIV core switch?

A. E

B. F

C. N

D. NP

Correct Answer: D

QUESTION 5

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.

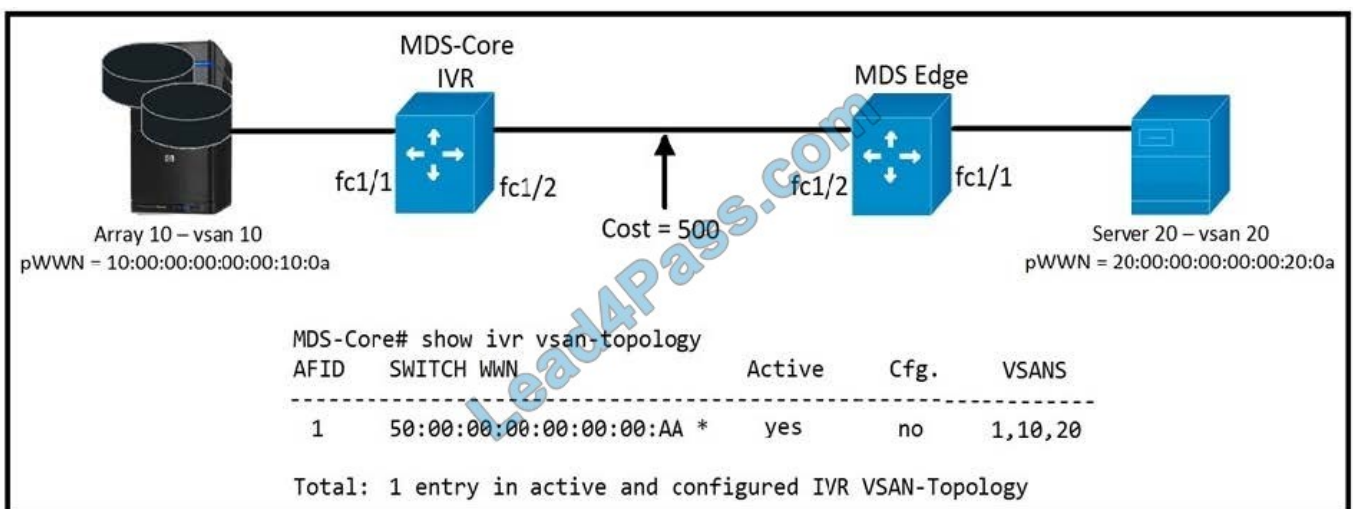Correct Answer: A

QUESTION 6

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 7

Refer to the exhibit.


```
MDS-Core# show ivr vsan-topology
AFID    SWITCH WWN              Active    Cfg.    VSANS
--------------------------------------------------------------
  1     50:00:00:00:00:00:00:AA *   yes      no    1,10,20

Total: 1 entry in active and configured IVR VSAN-Topology
```

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?

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.

Correct Answer: B

QUESTION 8

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 9

After user account attributes are modified in Cisco NX-OS, when do changes to the user\\'s session attributes take effect?

A. immediately

B. at the scheduled time

C. when the user logs out of a session

D. when the user creates a new session

Correct Answer: D

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

QUESTION 11

Refer to the exhibit.

```
username san-user password 5 $1$DybH1K9I$PWV.S2PODN1nvdX8E9a4W. 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
```

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?

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

Correct Answer: D

QUESTION 12

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 13

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

QUESTION 14

Which two protocols are used to implement SAN telemetry on Cisco MDS switches? (Choose two.)

A. RPC transport

B. GPB transport

C. gRPC transport

D. gRPC encoding

E. GPB encoding

Correct Answer: CE

QUESTION 15

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

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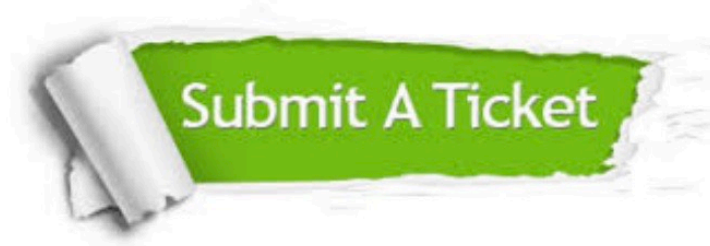
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