

300-625 Dumps

Implementing Cisco Storage Area Networking (DCSAN)

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NEW 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. kernel
- E. hardware anchor

Answer: AB

NEW QUESTION 2

DRAG DROP

Drag and drop the mechanisms of Cisco Secure Boot from the left into the correct order on the right.
Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 3

Which two components are required for successful MDS USB POAP (Choose two.)

- 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: CE

NEW QUESTION 4

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

Answer: D

NEW QUESTION 5

Which Cisco NX-OS command displays the VSAN that is associated with each FCID?

- A. show fcdomain
- B. show fc2 plogi
- C. show vsan database
- D. show flogi database

Answer: A

NEW QUESTION 6

Which configuration is available only in Cisco DCNM-SAN Advanced mode?

- A. IVR
- B. VMpath configuration
- C. zoning
- D. template-based provisioning

Answer: A

NEW QUESTION 7

DRAG DROP

Drag and drop the FLOGI parameters from the left onto the descriptions from which they were-derived on the right.
Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 8

A network engineer is configuring a Cisco MDS switch for FCoE. Which two conditions must be considered during the implementation phase? (Choose two.)

- A. On Cisco MDS switches, system-defined class maps for class-FCoE and class-default are enabled but can be deleted.
- B. The QoS policy must be identical to other Cisco FCoE switches in the network.
- C. On the Cisco MDS, the MTU is set equal to 2112.
- D. VLAN 1 or the native VLAN can be mapped to an FCoE VSAN.
- E. FCoE is already enabled on a Cisco MDS switch.

Answer: BE

NEW QUESTION 9

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

- A. E
- B. F
- C. N
- D. NP

Answer: D

NEW QUESTION 10

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
```

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.

Answer: B

NEW QUESTION 10

A storage network engineer must install and configure a new MDS switch in a data center network. Which two statements about available choices during the MDS switch initial setup are correct? (Choose two.)

- A. The engineer can choose what will be the administrator account.
- B. The secure password standard is required.
- C. The engineer can configure the default zone policy.
- D. The engineer can configure the default switch port trunk mode.
- E. The engineer does not have the choice to enable or disable full zoneset distribution.

Answer: AC

NEW QUESTION 12

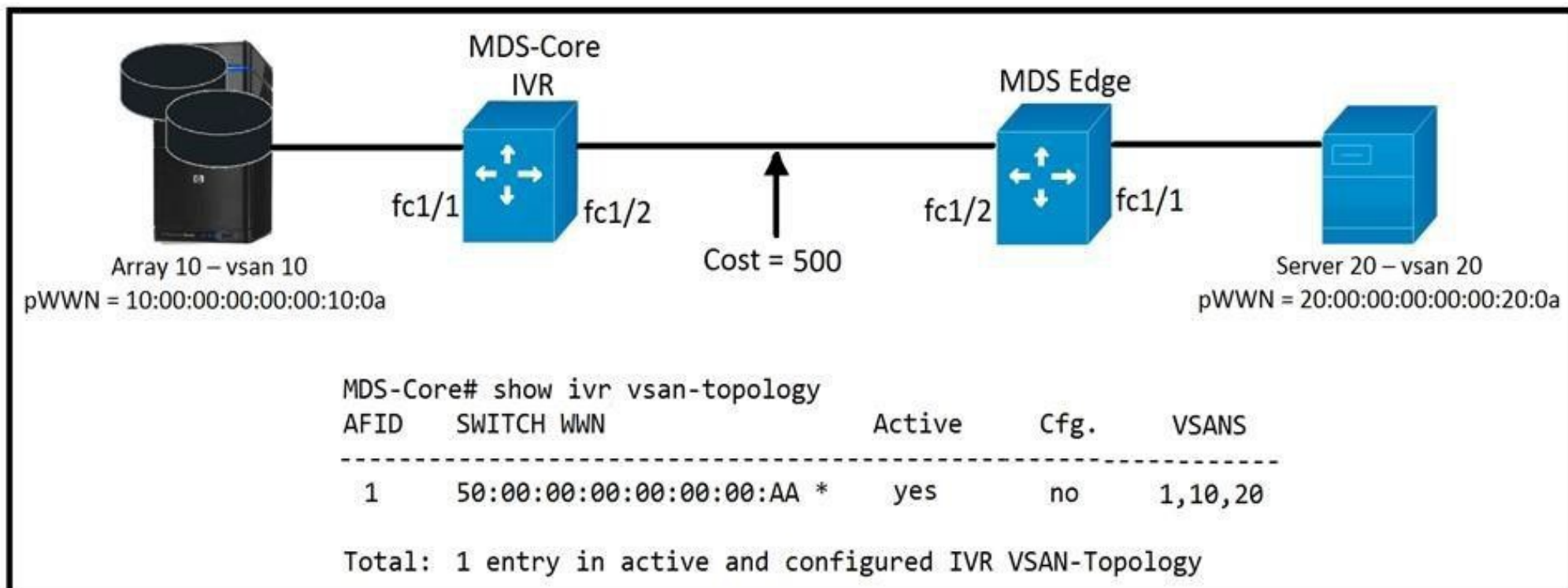
A storage administrator is enabling DH-CHAP for the first time on a Fibre Channel fabric. Which condition must the administrator consider while configuring this feature?

- A. NTP must be configured on all devices or the configuration fails.
- B. The MD5 hash must be used if TACACS+ or RADIUS authentication for FCSP is enabled.
- C. All switches on the fabric must be configured for the same password.
- D. Enabling DH-CHAP protocol feature is unsupported on FCIP interfaces.

Answer: B

NEW QUESTION 15

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?

- 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: B

NEW QUESTION 17

DRAG DROP

Drag and drop the DCNM configuration tasks from the left onto the correct tools on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 18

A storage network engineer must configure a 48-port Cisco MDS switch to reject any login requests to VSAN 10 from unauthorized Fibre Channel devices and switches. All the devices that were already logged in to the switch from this VSAN must be allowed without any manual configuration. Which configuration must be applied?

- A. switch(config)# feature port-security switch(config)# port-security activate vsan 10
- B. switch(config)# feature port-security switch(config)# port-security activate vsan 10 no auto-learn
- C. switch(config)# feature port-security switch(config)# port-security database vsan 10 switch(config-port-security)# any-wwn interface fc1/1 – fc1/48
- D. switch(config)# port-security activate vsan 10

Answer: D

NEW QUESTION 19

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

Answer: CE

NEW QUESTION 22

A storage engineer is troubleshooting a Cisco MDS switch upgrade issue. What prevents the completion of a non-disruptive upgrade?

- A. The Fibre Channel host initiator is connected.
- B. The Fibre Channel storage target is connected.
- C. The Cisco Fabric Services operation in progress.
- D. The Fibre Channel and FCoE storage targets are connected.

Answer: B

NEW QUESTION 26

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.

Answer: D

NEW QUESTION 30

Refer to the exhibit.

```
MDS-A# show run
...
!Activate 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
...
!Activate 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 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_DATABASE_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 pwn 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 :11:11:11:11:11:11:13 pwn 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.

Answer: A

NEW QUESTION 33

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.

Answer: A

NEW QUESTION 37

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.

Answer: A

NEW QUESTION 40

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