

300-625 Dumps

Implementing Cisco Storage Area Networking (DCSAN)

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NEW QUESTION 1

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 2

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

Answer: A

NEW QUESTION 3

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.

Answer: A

NEW QUESTION 4

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.

Answer: A

NEW QUESTION 5

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 6

A storage network engineer is implementing a port channel for multiple FCIP interfaces with write acceleration in a client's storage network. Which channel mode must be used?

- A. on
- B. passive
- C. active
- D. force

Answer: C

NEW QUESTION 7

A storage administrator wants to enable NPV in a Fibre Channel edge switch. Which configuration is supported in this mode?

- A. Cisco Fabric Services distribution over Fibre Channel
- B. E Port connectivity to the core switch
- C. local switching of east-west traffic
- D. Dynamic Port VSAN Membership

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

What is the function of the 0xFFFFFC address in a Fibre Channel fabric?

- A. management server
- B. fabric controller
- C. name server
- D. time server

Answer: C

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
Maxumum 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

An engineer is configuring a SAN environment and attempts to activate a zoneset, but a lock is held by another user. Which argument does the engineer use to clear the lock from the zoning database configuration?

- A. commit
- B. abort
- C. clear
- D. force

Answer: C

NEW QUESTION 14

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 18

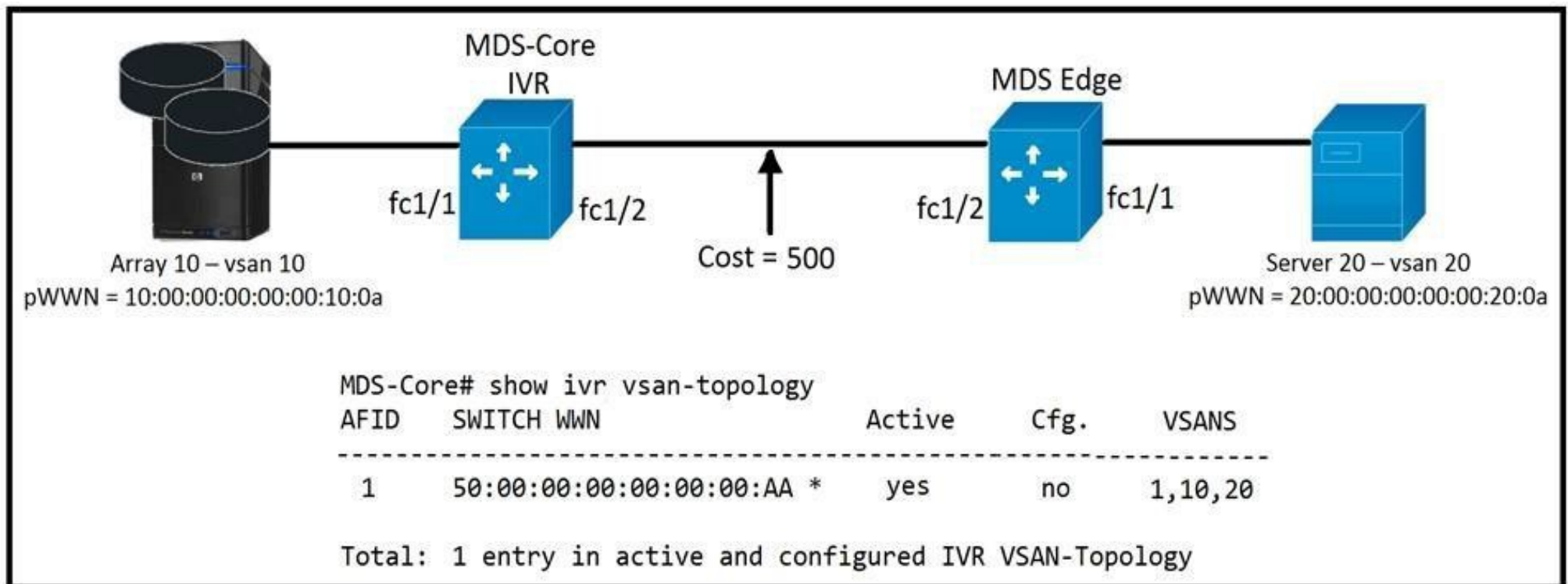
A storage administrator is enabling DH-CHAP for the first time on a Fibre Channel fabric. Which condition must the administrator consider while configuring this feature?

- 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 22

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 27

Which action must be performed to deactivate a VSAN without losing its configuration?

- A. Isolate it.
- B. Delete it.
- C. Rename it.
- D. Suspend it.

Answer: D

NEW QUESTION 29

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

Answer: A

NEW QUESTION 34

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.

Answer: A

NEW QUESTION 39

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 43

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 46

Which command identifies the application and the user that have a Cisco Fabric Services session open?

- A. show cfs application
- B. show zoneset active
- C. show cfs lock
- D. show device-alias database

Answer: A

NEW QUESTION 48

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 52

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?

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.
1. Deactivate zone set Zoneset10-A on MDS-A.2. shut/no shut interface fc1/11 on MDS-A.
1. Add 11:11:11:11:11:11:11:13 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.
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 53

A domain ID conflict is detected on a switch. Which action resolves the issue in the shortest possible time after the preferred domain ID is changed to a static domain ID?

- Issue an fcdomain disruptive restart.
- Issue an fcdomain nondisruptive restart.
- Enter the commands for a VSAN suspend / no-suspend.
- Enter the commands to complete a domain manager fast restart.

Answer: A

NEW QUESTION 57

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?

- The fabric is locked by admin on switch-2.
- Hard zoning is enabled.
- Merge control is disabled.
- The switch has a conflicting domain ID.
- The fabric is locked by admin on another switch.

Answer: A

NEW QUESTION 62

A storage administrator manually configures a storage switch to use a new static domain ID. After issuing an fcdomain restart vsan 1 command, the administrator sees that the switch is still using the existing domain ID. What is the reason why the configuration is not working?

- Static domain IDs apply only after a switch is rebooted.
- The disruptive keyword was not used on the command.
- Build fabric notifications were not sent to the other switches.
- Domain manager fast restart is not enabled on the switch.

Answer: A

NEW QUESTION 65

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.

Answer: A

NEW QUESTION 67

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