# Cisco

## Exam Questions 300-625

Implementing Cisco Storage Area Networking (DCSAN)

**NEW QUESTION 1**
A network engineer must run a core Cisco Nexus 9500 Series Switch as a POAP server for all top-of-rack Cisco Nexus switches. Which two network functions must run to provide the POAP service? (Choose two.)

A. DNS
B. PXE
C. BOOTP
D. TFTP
E. DHCP

**Answer:** DE


**NEW QUESTION 2**
A Cisco MDS Series Switch with the POAP feature boots and does not find the startup configuration. Which location is checked first when the switch enters POAP mode?

A. USB device that contains the software image files and the switch configuration file
B. DHCP server to bootstrap the interface IP address, gateway, DNS server, and TFTP IP addresses
C. TFTP server where the necessary configuration files are downloaded
D. HTTP server where the URL is used to download the software image

**Answer:** A


**NEW QUESTION 3**
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 4**
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 5**
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 6**
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 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**
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 9**
Which EtherType is used by the FCoE Initialization Protocol?

A. 0×8913
B. 0×8914
C. 0×xfc0e
D. 0×8906

**Answer:** B


**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**
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 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 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 24
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
```

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.

**Answer:** D


## NEW QUESTION 27
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]
```

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?

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:** D

**NEW QUESTION 29**
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