Exam Questions 300-625

Implementing Cisco Storage Area Networking (DCSAN)

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NEW QUESTION 1
Which feature on MDS platforms ensures that the code that is running on the hardware platform is authentic and unmodified, while also validating the BIOS to eliminate any rootkits.

A. Cisco Secure Boot
B. UEFI Secure Boot
C. Secure Unique Device Identifier
D. BIOS Secure Boot

Answer: A

NEW QUESTION 2
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 3
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 4
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.
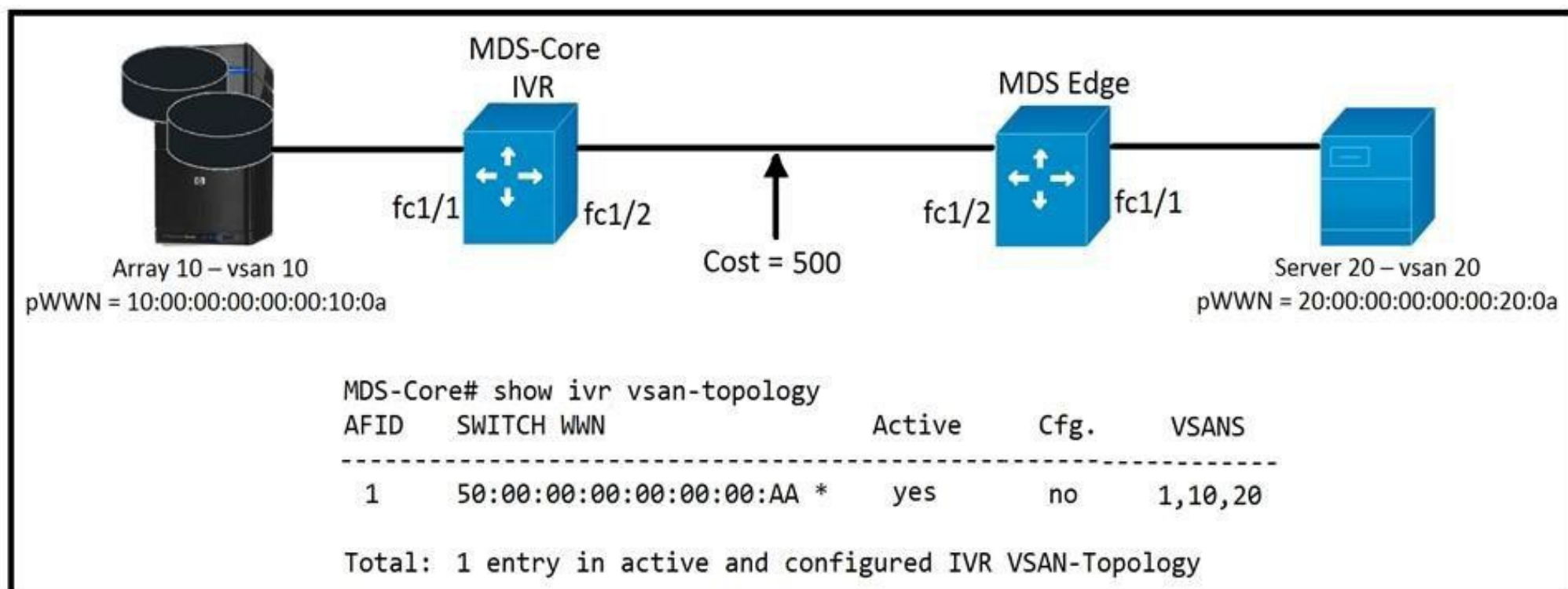D. Disable PMTU discovery.

Answer: B

NEW QUESTION 5
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 6
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 7
Which configuration is needed to enable manual ESP mode for Fibre Channel TrustSec on Cisco MDS switches?

A. MDS(config)# interface fc 1/1MDS(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

Answer: A

NEW QUESTION 8
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 9
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 10
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 10
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 15
A storage administrator is connecting two previously configured switches to make a single fabric. When the E Ports are connected, the administrator sees a ZONE MERGE FAILURE message referring to the zoneset for VSAN 10 on each switch. Which command should the administrator use to allow these switches to work together?

A. zoneset import interface fc1/1 vsan 10
B. zoneset distribute full vsan 10
C. zoneset overwrite-control vsan 10
D. zoneset copy active-zoneset full-zoneset

Answer: A

NEW QUESTION 18
A storage network engineer is upgrading a Cisco MDS Director with dual supervisor modules. The install command is executed on the standby supervisor module but fails. Which action would have prevented this failure?

A. All FCoE interfaces configured on the MDS must be shut down before starting the upgrade.
B. The upgrade must be done on the active supervisor module only.
C. Cisco Fabric Services must be disabled before starting the upgrade.
D. Fabric Controller Service must be stopped before starting the upgrade.

Answer: B

NEW QUESTION 20
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