



**Cisco 350-040**

**Storage Networking**

Q&A

DEMO Version

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Technical and Support Team  
Chinatag LLC.

**QUESTION NO: 1**

**Which statements are true about a cascaded FICON topology? Select three.**

- A. It requires Fabric binding to be configured in all the switches.
- B. Only one hop (ie:traversing 2 switches) is supported.
- C. Separate ISLs must be used dedicated to FICON traffic.
- D. Two byte link addressing as defined in FC-SB2, is mandatory.

**Answer: A, B, ?**

**QUESTION NO: 2**

```
MDS3 _9509# install all system bootflash:m9500-sf1 ek9-mz.1.3.4.bin
kickstart bootflash:m9500-sfek9-kickstart-mz.1.3.4.bin
```

```
Verifying image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Verifying image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Extracting "sic" version from image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Extracting "ips" version from image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Extracting "system" version from image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Extracting "kickstart" version from image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
Extracting "loader" version from image bootflash:/m9500-sf1ek9kickstart-mz.1.3.4.bin
[#####] 100% -- SUCCESS
```

Compatibility check is done:

Module	bootable	impact	install-type	reason
2	yes		non-disruptive	rolling
3	yes	disruptive	rolling	Hitless upgrade is not supported
5	yes	non-disruptive	reset	
6	yes	non-disruptive	reset	

Images will be upgraded according to following table:

Module	Image	Running-Version	Net-Version Upg-Required
2	slc	1.3(4b)	1.3(4)
2	bios	v1.1.0(10/24.03)	no
3	slc	1.3(4b)	1.3(4)
3	bios	v1.1.0(10/24.03)	no

5	system		1.3(4b)	1.3(4)
		yes		
5	kickstart		1.3(4b)	1.3(4)
		yes		
5	bios	v1.1.0(10/24.03)	v10.8(08/07/03)	no
5	loader		1.2(2)	1.2(2)
		no		
6	system		1.3(4b)	1.3(4)
		yes		
6	kickstart		1.3(4b)	1.3(4)
		yes		
6	bios	v1.1.0(10/24.03)	v10.8(08/07/03)	no
6	loader		1.2(2)	1.2(2)
		no		

Do you want to continue with the installation (y/n)? [n]

**What is the reason the upgrade would not be hit-less for the entire switch, above?**

- A. The supervisor module requires a BIOS upgrade, which is disruptive.
- B. The “rolling-upgrade” for module 2 requires a second “slc” to be hit-less.
- C. Module 3 is an IPS-8 card, which does not support non-disruptive downgrades.
- D. Nodule 3 is an IPS-8 and the switch does not have a second IPS-8 card for route diversity which could provide a “stable” upgrade.
- E. No reason – the upgrade is non-disruptive and hit-less.

**Answer: C**

**QUESTION NO: 3**

**Which methods can be used to control Iscsi INITIATOR ACCESS TO VIRTUAL TARGETS? Select three.**

- A. Zoning
- B. Specifying on which Gigabitethernet port the virtual target is advertised.
- C. Setting up Iscsi PROXY MODE FOR THE INITIATORS
- D. Specifying which IP subnet virtual target can be accessed
- E. Enabling role-based access control.

**Answer: A, ?, ?**

**QUESTION NO: 4**

**In a scenario with three ISLs between two switches, a single host in VSAN 5 on switch A, and a single storage device on switch B in the same VSAN. What would be the effect on the ISLs if Flow based load balancing option was enabled in VSAN 5?**

- A. Each subsequent frame will use the least utilized link, based on FCC.
- B. Each subsequent frame will use a different link.
- C. All frames between source and destination would follow same link for given flow.
- D. Flow based load balancing is not enabled for an individual VSAN.

**Answer: C**

Flow based load balancing : all frames between source and destination would follow same link for given flow.

**QUESTION NO: 5**

**Which organization produce standards related to SCSI, Fiber Channel or Fiber Channel protocol? Select two.**

- A. SNIA
- B. T11 Committee
- C. Cisco Systems
- D. T10 Committee
- E. T12 Committee

**Answer: B, D**

=> T11 for fiber channel, T10 for SCSI

**QUESTION NO: 6**

**What is the User-specified VSAN Ids range?**

- A. 1-4093
- B. 2-4093
- C. 2-4094
- D. 2-4092

**Answer: B**

=> user-specific VSAN 2-4093

**QUESTION NO: 7**

**What can be configured on a FCIP Profile?**

- A. Max and Min bandwidth, peer-info, compression ratio
- B. Passive mode, peer-info, compression ratio
- C. TCP port number, sack-enable, Max and Min bandwidth
- D. Sack-enable, TCP port number peer-info
- E. TCP port number, write accelerator compression ratio

**Answer: C**

=> FCIP profile for TCP port, sack-enable, Max and Min bandwidth

**QUESTION NO: 8**

**A Brocade 12000 in its native corePID mode (1) is connected to VSAN 1009 on an MDS. What is the correct output of the “show vsan 1009” command?**

- A. vsan 1009 information:  
name: VSAN 1009 state:active  
interoperability mode:default loadbalancing:src-id/dst-id/oxid  
operational state:up.
- B. vsan 1009 information:  
name: VSAN 1009 state:active  
interoperability mode:1 loadbalancing:src-id/dst-id/oxid  
operational state:up.
- C. vsan 1009 information:  
name: VSAN 1009 state:active  
interoperability mode:2 loadbalancing:src-id/dst-id/oxid  
operational state:up.
- D. vsan 1009 information:  
name: VSAN 1009 state:active  
interoperability mode:3 loadbalancing:src-id/dst-id/oxid  
operational state:up.
- E. vsan 1009 information:  
name: VSAN 1009 state:active  
interoperability mode:Brocade Native loadbalancing:src-id/dst-id/oxid  
operational state:up.

**Answer: D**

=> interop mode 3 for Brocade 12000

**QUESTION NO: 9**

**What TCP feature reduces the chances of an oversized IP packets from being fragmented?**

- A. SACK
- B. Extended ping
- C. PMTU
- D. Retransmit timeout
- E. Send buffer size

**Answer: C**

**QUESTION NO: 10**

**In Raid 0+1 the loss of a single drive:**

- A. Does not affect the redundancy of the array
- B. Reduces the array redundancy to that of a Raid level 0
- C. Same level of redundancy to that of a Raid level 1+0
- D. Reduces the performance of the array
- E. Has no affect what so ever on the array

**Answer: B**

**QUESTION NO: 11**

**Which are functions of the Domain identifier Assigned (DIA) ILS? Select two**

- A. It indicates that a Principal Switch has been selected, and that the upstream neighbor Switch has been assigned a Domain identifier.
- B. It indicates that the receiving Switch can proceed requesting a Domain Identifier.
- C. It indicates that the principal switch selection and address assignment phase is completed and the fabric is operational.
- D. It indicates that the principal switch selection is started, but a principal switch has not been identified yet.
- E. It indicates that a Request Domain Identifier ILS has been received by principal switch.

**Answer: A, C**