



# Dell EMC

*DES-1721  
Implementation Engineer-SC Series Exam*

## Questions & Answers PDF

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## Question: 1

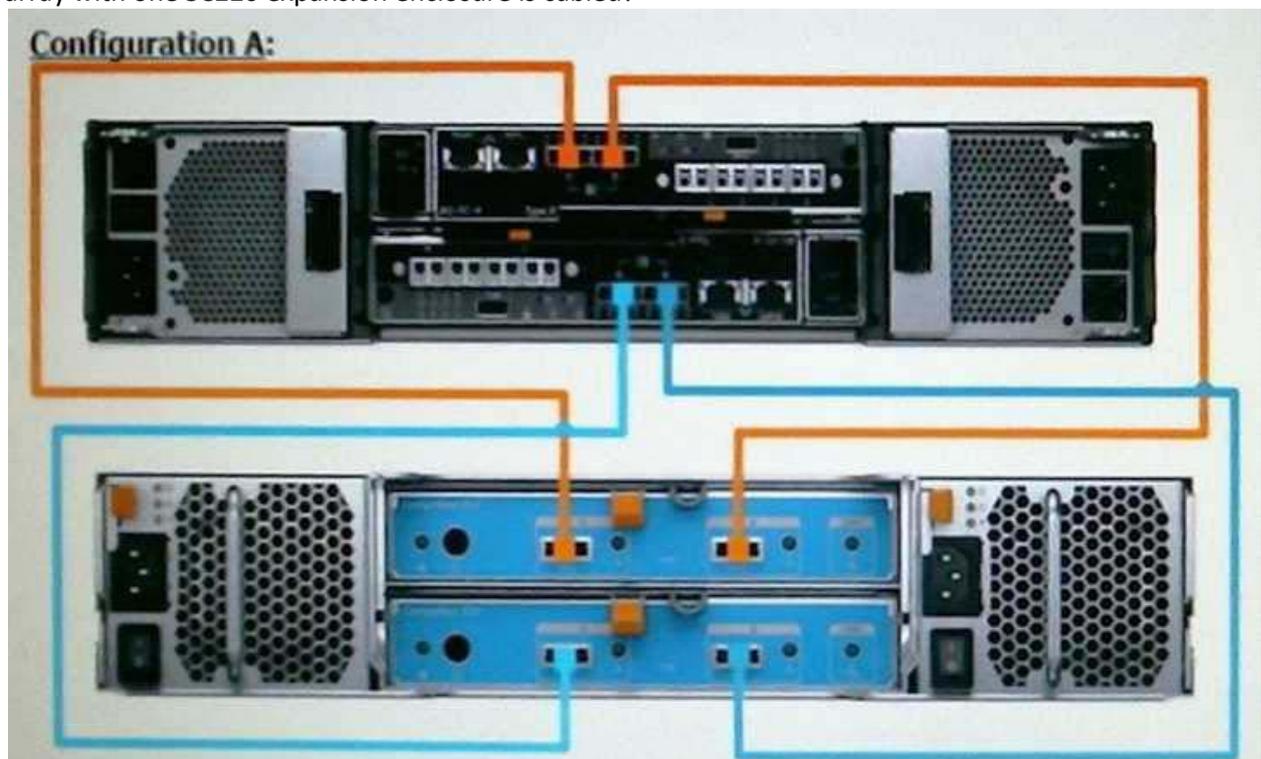
You are installing a new SC9000. Which procedure should be used to install and configure the system?

- A. Connect through the iDRAC port
- B. Connect through a null modem cable to the serial port
- C. Connect through the Dell Storage Manager Client
- D. Connect through the supplied proprietary serial cable to the serial port

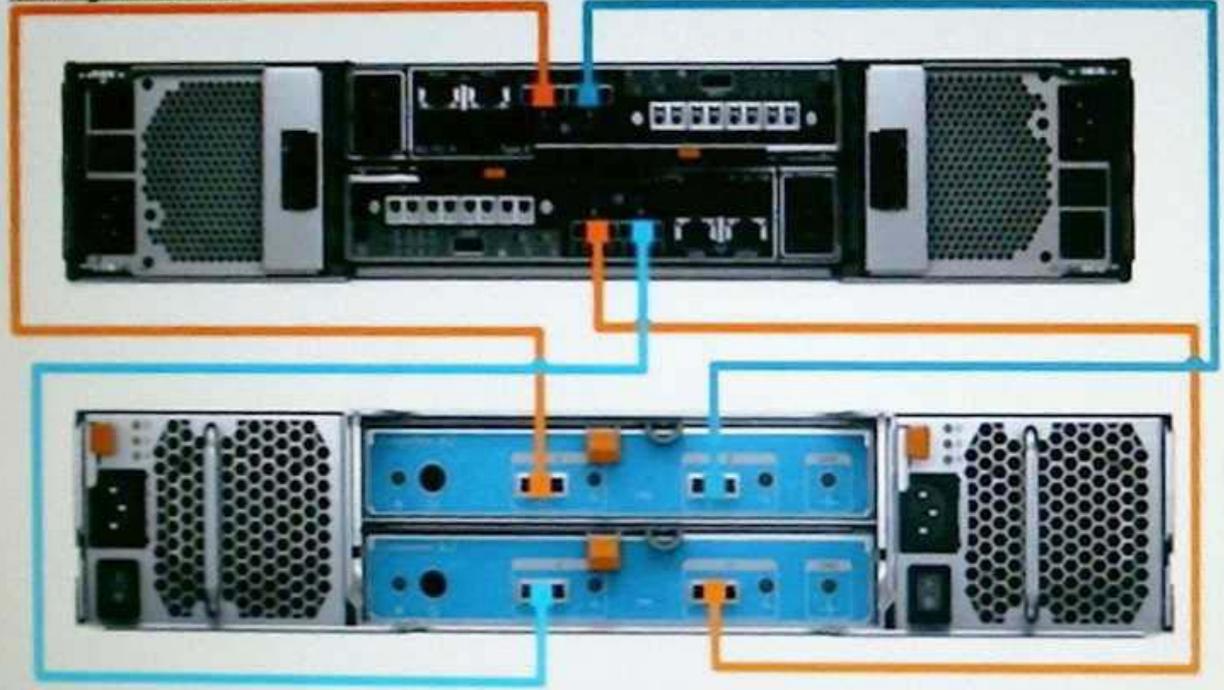
**Answer: D**

## Question: 2

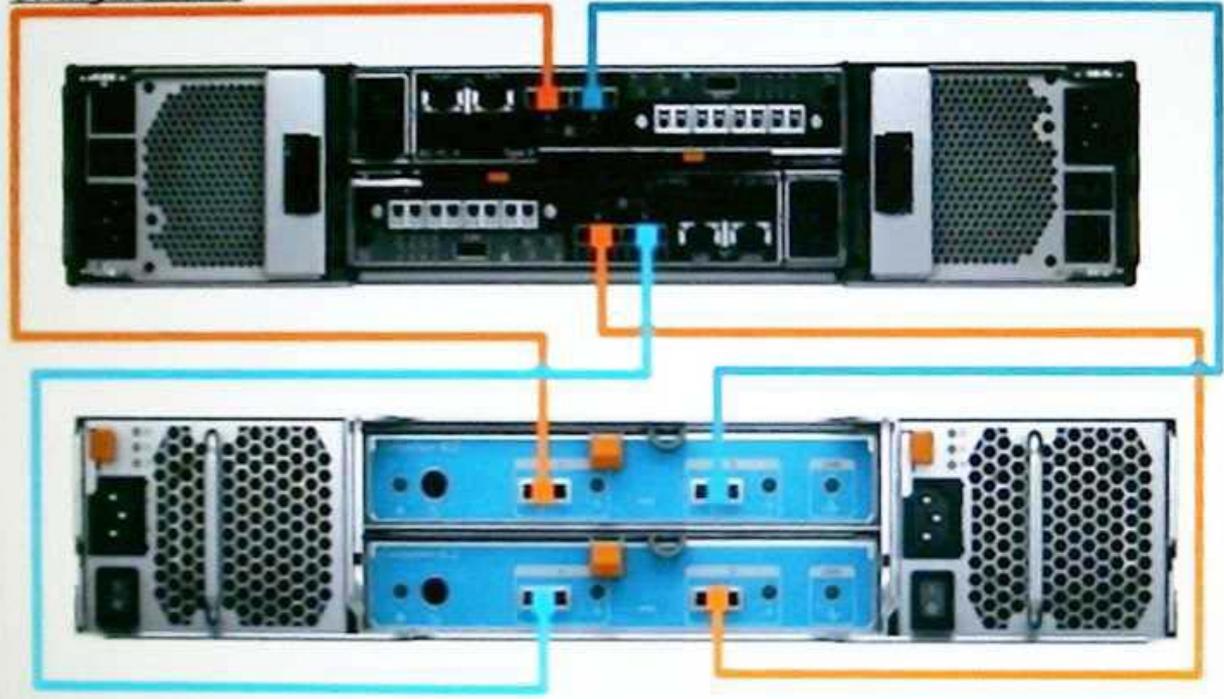
Based on SAS back-end cabling best practices, which configuration represents how an SC4020 storage array with one SC220 expansion enclosure is cabled?



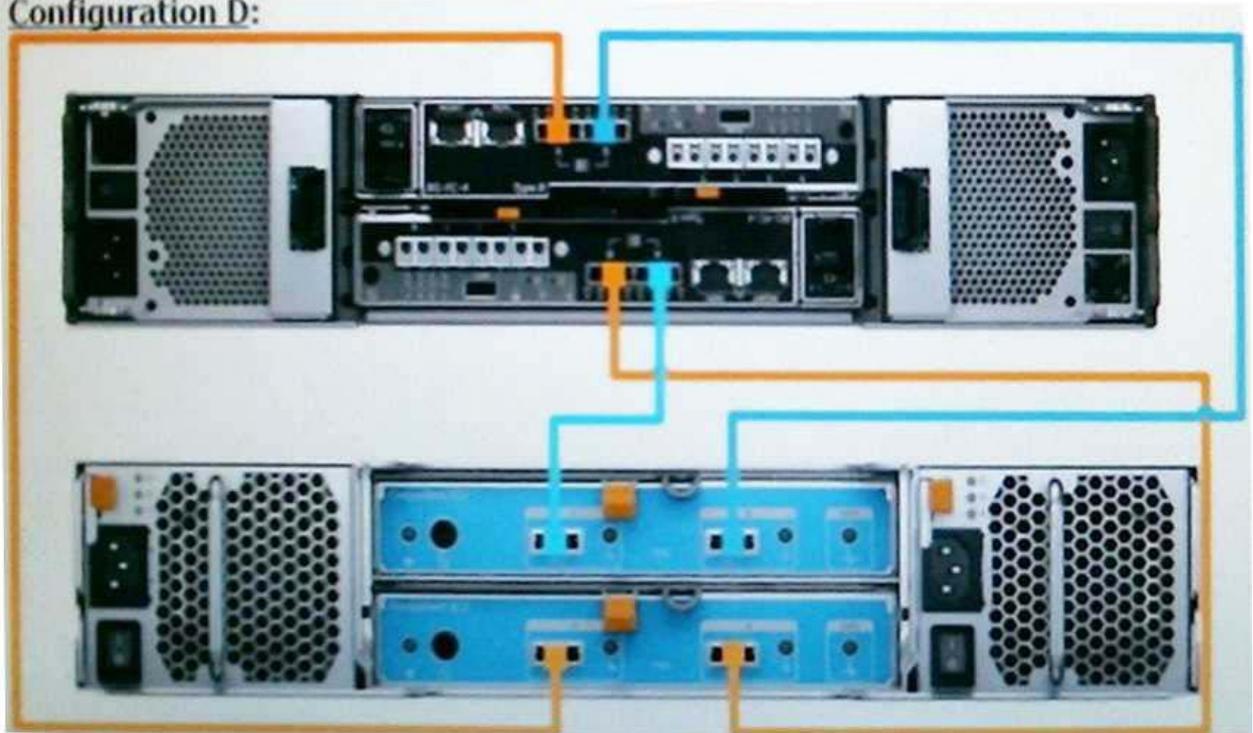
Configuration B:



Configuration C:



Configuration D:



- A. Configuration A
- B. Configuration B
- C. Configuration C
- D. Configuration D

**Answer: A**

**Question: 3**

An administrator wants to configure an SC Series array to use Virtual Port Mode. What is a requirement to accomplish this task?

- A. NPIV must be disabled on Fibre Channel switches
- B. I/O Controller cards must use a single-ID firmware version
- C. Fibre Channel switches must use a switched fabric topology
- D. Activation license must be purchased and installed

**Answer: D**

**Question: 4**

What are the possible methods to upgrade the firmware on a Brocade switch?

- A. FTP, SFTP, and Web Tools
- B. USB, FTP, and SFTP
- C. USB, FTP, and Web Tools
- D. USB, SFTP, and Web Tools

**Answer: C**

### Question: 5

A customer is running the Dell Storage Manager (DSM) Suite as a software stack on Microsoft Windows. To reduce the Microsoft licensing costs, the customer wants to switch to the DSM Virtual Appliance.

Which recommended deployment should the customer use?

- A. Configure as a Primary Data Collector
- B. Configure as a Remote Data Collector
- C. Migrate the DSM database manually
- D. Migrate from the existing Data Collector

**Answer: D**

### Question: 6

Which operating system runs the Dell Storage Manager (DSM) as a virtual appliance?

- A. CentOS 7
- B. Windows Server 2012 R2
- C. VMware
- D. Windows Server 2010 R2

**Answer: C**

### Question: 7

Which best practices should be followed when using iSCSI to connect SC Series arrays and hosts for switches that incorrectly negotiate speed and duplex?

- A. Use a separate supernet or switches for iSCSI trafficGigabit full duplex hard set for all iSCSI portsEnsure switches used for iSCSI are of a blocking design
- B. Use a separate VLAN or switches for iSCSI trafficAuto-negotiate for all switchesEnsure switches used for iSCSI are of a non-blocking design

- C. Use a separate VLAN or switches for iSCSI trafficGigabit full duplex hard set for all iSCSI portsEnsure switches used for iSCSI are of a non-blocking design
- D. Use a separate subnet or switches for iSCSI trafficAuto-negotiate for all switchesEnsure switches used for iSCSI are of a blocking design

**Answer: C**

**Question: 8**

DRAG DROP

What is the correct system hierarchy of SC Series array storage virtualization?

Pagepool	STEP 1
Pagepool Device	STEP 2
Disk Folder	STEP 3
RAID Extent	STEP 4
Raid Device	STEP 5

**Answer:**

Pagepool	Raid Device
Pagepool Device	RAID Extent
Disk Folder	Disk Folder
RAID Extent	Pagepool Device
Raid Device	Pagepool

### Question: 9

Assume a storage administrator is using the recommended storage profile. What describes the distribution of volume data residing in an SC series storage array that has 15K and 7K as the backend?

- A. New and frequently accessed replay data in Tier 1 RAID 5 Aged replay data and inaccessible data in Tier 3 RAID 6
- B. New data in Tier 1 RAID 10 Frequently accessed replay data in Tier 1 RAID 5 Aged replay data and inaccessible data in Tier 3 RAID 6
- C. New data in Tier 1 RAID 10 Frequently accessed replay data in Tier 2 RAID 5 Aged replay data and inaccessible data in Tier 3 RAID 6
- D. New and frequently accessed replay data in Tier 1 RAID 10 Aged replay data and inaccessible data in Tier 3 RAID 6

**Answer: B**

### Question: 10

A customer is facing poor performance on all synchronously replicated volumes every Thursday between 4 PM and 6 PM. All departments have checked their applications for any batch jobs; however, nothing was found. The I/O graphs do not show any anomaly and the replication links are not saturated.

What is the possible reason for this behavior?

- A. Switches used for replication are restarting
- B. QoS Bandwidth Limit is enabled in the QoS node

- 
- C. Data Progression is consuming all disk performance
  - D. Automatic report creation is impacting replication

**Answer: B**



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