

DES-1721^{Q&As}

Specialist - Implementation Engineer-SC Series Exam

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QUESTION 1

You are installing an SC8000 array and the customer notices that each of the controllers only have 16 GB of memory. The customer wants to maximize this memory. What is the maximum RAM supported on a single SC8000 controller?

- A. 32 GB
- B. 64 GB
- C. 128 GB
- D. 256 GB

Correct Answer: B

Reference: <https://www.dell.com/community/Compellent/I-need-help-doubts-about-controlling-compellent-SC8000/td-p/4222299>

QUESTION 2

An SC9000 controller was rebooted to test failover and is back online. Do the controllers need to be rebalanced?

- A. Yes; however, the other controller needs to be rebooted first
- B. No; this is done automatically as part of the reboot process in DSM
- C. No; they are automatically rebalanced on the SC9000
- D. Yes; this can be done from the Summary, Storage, or Hardware tab in DSM

Correct Answer: D

QUESTION 3

During the addition of an SCv360 enclosure to a SCv3020 the PCIe SAS card is used for connectivity. The enclosure is NOT recognized by the system, why?

- A. SCv3020 does not allow enclosure expansion
- B. SCv2360 is unsupported for enclosure expansion
- C. SCv3020 does not support 12Gb SAS
- D. PCIe SAS is unsupported for enclosure expansion

Correct Answer: A

Reference: <https://www.dell.com/support/manuals/pk/en/pkbsdt1/storage-scv3000/scv3000-scv3020-dg/install-new-scv360-expansion-enclosures-in-a-rack?guid=guid-b6ea3764-45aa-46b0-8cfe-deaf09c7063e&lang=en-us>

QUESTION 4

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 back-end?

- 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

Correct Answer: B

QUESTION 5

Which component of the Dell Storage Manager (DSM) Suite's only purpose is to perform disaster recovery?

- A. Dell Storage Manager Remote Data Collector
- B. Dell Storage Manager Primary Data Collector
- C. Dell Storage Manager Server Agent
- D. Dell Storage Manager Client

Correct Answer: A

QUESTION 6

When installing DSM using an external SQL database what is a mandatory requirement?

- A. Windows authentication
- B. Mixed mode authentication
- C. Microsoft SQL Server 2016
- D. Microsoft SQL Server 2012

Correct Answer: D

Reference: <https://www.dell.com/support/manuals/ai/en/aibsd1/storage-sc7020/dsm-2018-ig/choose-a-data-storage-method?guid=guid-7b390a72-2419-45b0-93ca-091c1d4823c2andlang=en-us>

QUESTION 7

DRAG DROP

A customer has asked you to confirm whether their volumes will remain online even after a controller failure. What is the correct sequence of steps to perform a controller failover test?

Select and Place:

Confirm I/Os are being sent to the selected volume in the DSM GUI	STEP 1
Turn off the controller that has the selected volume active in the DSM GUI	STEP 2
Send the I/O from a host to an existing volume on the array	STEP 3
Confirm the I/Os are still being sent to the selected volume in the DSM GUI	STEP 4
Confirm the selected volume is still active on the surviving controller in the DSM GUI	STEP 5

Correct Answer:

<input type="text"/>	Turn off the controller that has the selected volume active in the DSM GUI
<input type="text"/>	Confirm the selected volume is still active on the surviving controller in the DSM GUI
<input type="text"/>	Confirm I/Os are being sent to the selected volume in the DSM GUI
<input type="text"/>	Confirm the I/Os are still being sent to the selected volume in the DSM GUI
<input type="text"/>	Send the I/O from a host to an existing volume on the array

QUESTION 8

How much memory is required if a customer plans to use the Dell Storage Replication Adapter for VMware with their Dell EMC Data Collector?

- A. 4 GB
- B. 8 GB
- C. 10 GB
- D. 12 GB

Correct Answer: A

QUESTION 9

Which user type can create and map volumes using servers and disk folders that have already been created?

- A. FSE
- B. Root
- C. Reporter
- D. Volume Manager

Correct Answer: D

QUESTION 10

For what is Application Protection Manager used?

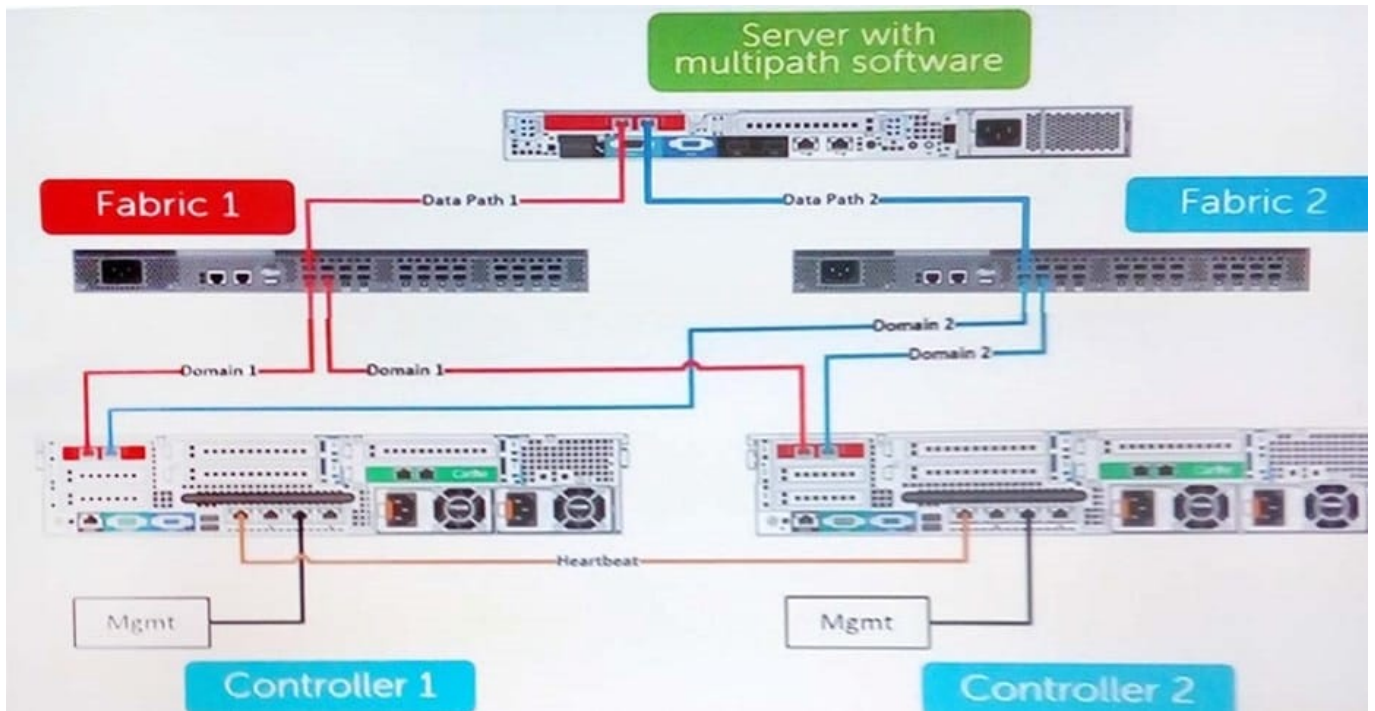
- A. SQL databases
- B. Hyper-V machine resources
- C. VMware virtual machines
- D. Oracle databases

Correct Answer: D

Reference: https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/Dell_Storage_SC_Series_Management_Suite.pdf

QUESTION 11

Based on the exhibit, a customer is using a Virtual Port Mode configuration. If the cable for Domain 1 on Controller 1 is disconnected during failover testing, will the SC Series array port failover work?



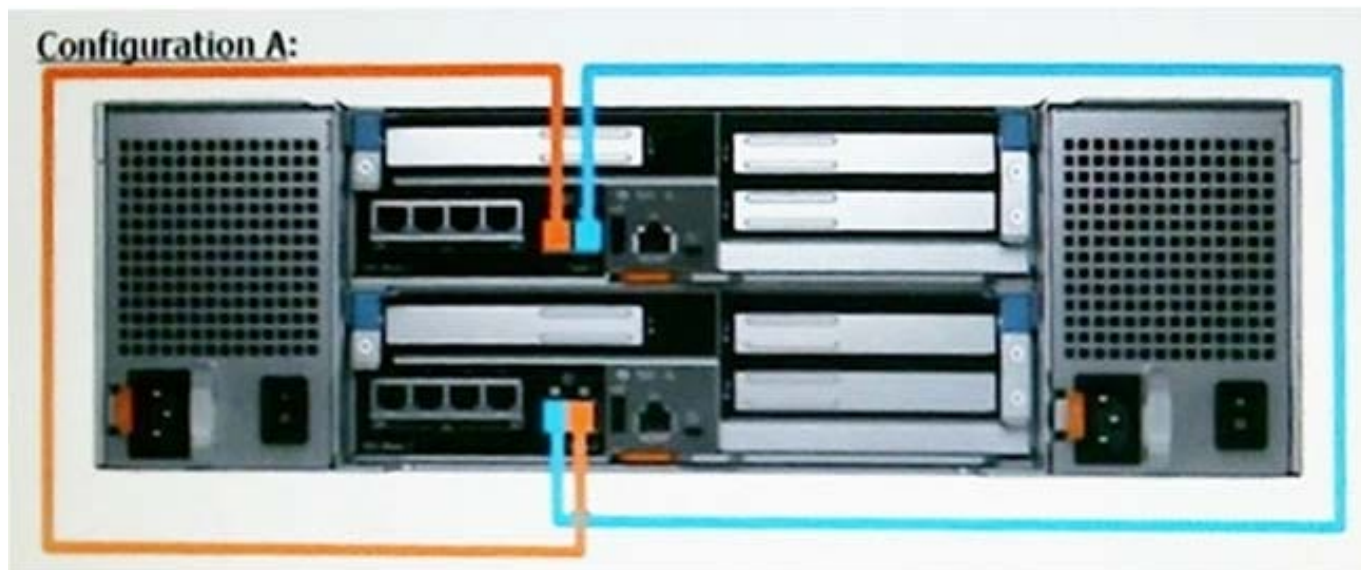
- A. No, the configuration contains only a single port per domain and will not provide port failover.
- B. Yes, the configuration will provide port failover as the system is configured for Virtual Port Mode.
- C. No, port failover only works in Legacy Port Mode.
- D. Yes, the configuration will provide port failover regardless of domains or mode.

Correct Answer: B

QUESTION 12

Which configuration represents how the back-end is cabled on an SC7020 storage array without expansion enclosures?

- A.
- B.



C.

D.

Configuration C:



Configuration D:



Correct Answer: D

QUESTION 13

The SC configuration consists of a SC7020, two (2) FC switches and four (4) Servers with a dual port FC HBA. How many zones are required for the SC to run with virtual port mode enabled?

- A. 2
- B. 4
- C. 6
- D. 8

Correct Answer: A

QUESTION 14

You are trying to discover a brand new SCv3020 but the process is failing. DHCP is not available. What is the best solution for this issue?

- A. Enable MTU and flowcontrol on the switch
- B. Configure IPv4 address on the system running the DSM Client on the target subnet
- C. Set BMC IPs
- D. Configure IPv4 on DSM Client machine and enable IPv6 addressing

Correct Answer: B

QUESTION 15

You are deploying a new SC9000 system running Storage Center OS 7.2. At which drive size does the system require you to begin running dual redundancy on both SSDs and HDDs?

- A. 2.0 TB and larger for SSDs
4.0 TB and larger for HDDs
- B. 4.0 TB and larger for SSDs
2.0 TB and larger for HDDs
- C. 4.0 TB and larger for SSDs
4.0 TB and larger for HDDs
- D. 8.0 TB and larger for SSDs
2.0 TB and larger for HDDs

Correct Answer: B

Reference: https://topics-cdn.dell.com/pdf/storage-sc2000_release-notes4_en-us.pdf (P.4)

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