

# QUESTIONS & ANSWERS

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**Dell**

# DSDSC-200

*Dell SC Series Storage Professional*

- C. RAID 50
- D. RAID 6

**Answer:** A, B, D

**QUESTION:** 109

A customer has an 8 TB database. Half of the data is hot with very frequent access. The other half of the data is older, infrequently used cold data. The customer buys (12) 800 GB SLC Solid State Drives, and puts them in a new disk folder called "Database". The customer then creates volumes for this database in the Database disk folder using the recommended storage profile. After this database has been running for 1 month, the Statistics tab for the database volumes shows 100% of the space is on Tier 1. The customer expected that half of the data would be on Tier 1 and the rest moved to lower tiers. What is the problem?

- A. The volumes were created in the Database disk folder, so Data Progression can NOT move the cold data to lower tier disks
- B. Data Progression does NOT run on database volumes because database vendors have specific best practices for laying out their data across tiers.
- C. The Recommended storage profile will only use SSD user(s) if any are available so the cold data can NOT move down. There is enough space on Tier 1 to hold the entire 8TB database, so even the cold data will stay on Tier 1 until it gets full

**Answer:** A

**QUESTION:** 110

Which characteristic of OLTP workloads needs to be considered when optimizing OLTP workloads on the SC array?

- A. OLTP workloads typically consist of small, random reads and writes
- B. OLTP workloads typically consist of large, sequential reads and writes
- C. OLTP workloads are only supported on SSD drives
- D. OLTP workloads are only supported on spinning disks

**Answer:** A

**QUESTION:** 111

An administrator needs to replicate data to an off-site Storage Center. Data on both sides must always match. The administrator must have the data sent to the remote system as soon as the data is written. If the communication to the remote system fails, will writes to

the local system must stop Which option should the administrator choose to meet the requirements?

- A. synchronous replication with High Consistency
- B. synchronous replication with High Availability
- C. asynchronous replication of the Active Replay
- D. asynchronous replication with frequent replays

**Answer:** A

**QUESTION:** 112

An administrator needs to be sure to receive any Storage Center alerts when on-call. Which two actions should the deployment engineer take to meet this requirement? (Choose two.)

- A. Edit Settings of the Storage Center in Enterprise Manager> go to the SNMP Server tab> configure the Storage Center to forward information to the SNMP server
- B. Go to the Threshold Alerts viewer in Enterprise Manager > configure a Threshold Definition with their userid selected> click the Forward All Alerts button
- C. Edit Settings of the Storage Center in Enterprise Manager > configure the email server on the SMTP server tab enter the appropriate email address on the Contact tab of then Storage Center userid
- D. Go to the Chargeback Viewer in Enterprise Manager> create a Department > assign volumes to the Department check the Export Department Reports box

**Answer:** D, ?

**QUESTION:** 113

Refer to the exhibit.



A page pool has 7.3 TB of allocated space; 4.2 TB of that space is being used by volumes. Tier 3 RAID 6-6 Standard is currently 76% utilized. What happens when Tier 3 RAID 6-6 Standard becomes 100% utilized?

- A. The system allocates more raw space for use by this page pool class.
- B. Data progression no longer moves data into this page pool class.
- C. Data progression moves data from this page pool class into another class.
- D. Performance is degraded for volumes with active data in this page pool class.

**Answer:** B

**QUESTION:** 114

What are two effects of pre-allocating space on a volume? (Choose two.)

- A. It will improve the performance of the volume for a specific application.
- B. The volume will no longer be thin provisioned.
- C. The RAID level of this volume will be changed to RAID 0.
- D. Data progression will no longer work on this volume.

**Answer:** B, D

**QUESTION:** 115

A site contains many volumes that are all listed under the Volumes icon. These volumes

are mapped to several servers. The engineer needs to be able to more easily manage the volumes for replay scheduling. The engineer does NOT want to duplicate any work when assigning the volumes to a replay profile How should the engineer accomplish the task?

- A. create the replay profiles and assign the volumes individually to each profile
- B. create volume folders and move the volumes into them, then assign the volume folder to the desired replay profile
- C. create replications for each volume and use the Active Replay option- then assign the replicating volumes to the replay profile
- D. create storage profiles, add the volumes to the storage profile. then assign the storage profile to the replay profile

**Answer: C**

**QUESTION: 116**

An engineer receives an alert that the Storage Center has entered Conservation mode. How should the engineer respond to the alert?

- A. Fix it immediately - Conservation Mode is a seriously degraded and risky condition but the system is still up.
- B. Check the system in the morning - Conservation Mode is a slightly degraded condition with little risk.
- C. Ignore the alert - Conservation Mode can occur in normal conditions.
- D. Begin recovery operations - Conservation Mode means storage has gone offline. Recovery from a storage outage is required.

**Answer: A**

**QUESTION: 117**

Which component of Enterprise Manager needs to be installed to manage multiple Storage Centers?

- A. the Terminal Emulator
- B. the Web GUI
- C. the Server Agent

**Answer: C**

**QUESTION: 118**

What are two requirements to enable and use self-encrypting drives (SED)? (Choose two.)

- A. A private key must be uploaded through the USB port by using a pen-drive.
- B. Enterprise Manager must be configured as a KMS.
- C. An external KMS must be configured.
- D. A FIPS software license must be applied per Storage Center array.

**Answer:** C, D

**QUESTION:** 119

A client needs On Demand Data Progression to immediately move data from Tier 1 to Tier 2 when a replay is taken. After enabling manual mode, which two attributes should the technician assign to a custom storage profile to meet this requirement? (Choose two.)

- A. Tier 1- RAID 10 Replay
- B. Tier 2 - RAID 5/6 Replay
- C. Tier 2 - RAID 5/6 Writes
- D. Tier 1- RAID 10 Writes

**Answer:** B, D

**QUESTION:** 120

An engineer needs to create a volume in the web GUT Explorer view. The volume needs to automatically present to a specific server when created. How should the engineer create this volume?

- A. right-click on the Servers group icon and select Create volume
- B. right-click on the intended server and select Create volumes
- C. right-click on the Storage icon and select Create volume
- D. right-click on the Storage icon and select Create volumes

**Answer:** C

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