

Dell EMC

DES-1D11 Exam

**Dell EMC Technology Architect Midrange, Storage Solutions
Specialist Exam**

**Questions & Answers
Demo**

Version: 9.0

Question: 1

In a Dell EMC Unity environment, how many Disk Partnership Groups will be created using all the disks shown in the exhibit?



- A. 1
- B. 2
- C. 3
- D. 5

Answer: B

Question: 2

You are designing a Dell EMC Unity solution for a customer. The customer requires protection against the loss of a site for an application that is sensitive to long response times. Which Unity feature meets these requirements?

- A. Incremental Attach
- B. Asynchronous Replication
- C. Native SANCopy Import
- D. Synchronous Replication

Answer: B

Question: 3

A customer has a Dell EMC SC9000 that supports transparent, non-disruptive volume movement among arrays. This allows the combined capacity and cache of the entire federated cluster to be seamlessly utilized for maximum performance and scalability in expanding data centers. By leveraging the eight SC9000 arrays, what will be the total maximum raw capacity?

- A. 5.3 PB
- B. 8 PB
- C. 16 PB
- D. 24 PB

Answer: D

Question: 4

You are designing a Dell EMC Unity solution that uses external key management to provide data security to an array at a remote site. Which encryption key is held in the KMIP server and is required for the Unity boot?

- A. Key Wrapping Key
- B. Store Ignition Key
- C. RSA Key
- D. Data Encryption Key

Answer: B

Question: 5

Which value should be used for back-end sizing when planning a Dell EMC SC Series solution?

- A. 1x front-end throughput
- B. 2x front-end throughput
- C. 3x front-end throughput
- D. 4x front-end throughput

Answer: B

Question: 6

What is a benefit of cross-platform replication between Dell EMC SC Series and PS Series?

- A. Active Snapshot Replication
- B. Live Volume Replication
- C. Compression of replicated data
- D. Leverages existing interfaces

Answer: A

Question: 7

Based on Dell EMC SC Series architecture and sizing best practices, how should the total amount of

IOPS be distributed on a 2-tier solution?

- A. Tier 1: 50% IOPS Tier 2: 50% IOPS
- B. Tier 1: 100% IOPS Tier 2: 40% IOPS
- C. Tier 1: 80% IOPS Tier 3: 20% IOPS
- D. Tier 1: 100% IOPS Tier 3: 20% IOPS

Answer: C

Question: 8

When designing a Dell EMC Unity 550F, what is the maximum number of enclosures and drive slots per bus?

- A. 10 enclosures and 250 drive slots
- B. 10 enclosures and 500 drive slots
- C. 15 enclosures and 275 drive slots
- D. 15 enclosures and 1000 drive slots

Answer: B

Question: 9

You are designing a solution for a customer who is sensitive to capacity needs. In addition, the environment consists of large read request I/O characteristics. Which Dell EMC midrange storage solution will meet the customer's requirements?

- A. Unity All-Flash: Striping RAID, Dynamic Pool, and Flash 2 drives
SC Series: Data Progression and write-intensive SSDs on Tier 1
- B. Unity All-Flash: Parity RAID, FAST VP, and FAST Cache
SC Series: FastTrack and read-intensive SSDs on Tier 1
- C. Unity All-Flash: Parity RAID, Dynamic Pool, and Flash 3 drives
SC Series: Data Progression and read-intensive SSDs on Tier 1
- D. Unity All-Flash: Striping RAID, FAST VP, and FAST Cache
SC Series: FastTrack and read-intensive SSDs on Tier 1

Answer: B

Question: 10

What is recommended to maximize system performance on Dell EMC Unity systems?

- A. Avoid distributing host connections across front-end ports
- B. Use LACP for iSCSI connectivity
- C. Build storage pools with many drives
- D. Build storage pools with fewer drives

Answer: C

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