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**Vendor:**EMC

**Exam Code:**DES-1D11

**Exam Name:**Specialist, Technology Architect |  
Midrange Storage Solutions

**Version:**Demo

### QUESTION 1

You are designing a Dell EMC Unity solution that will be used by an ISP. The ISP will share the system with several different customers for file storage. For security reasons, each customer must be segregated from each other? Which feature provides this functionality?

- A. IPsec
- B. IP Multi-tenancy
- C. File System Quotas
- D. D@RE

Correct Answer: B

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### QUESTION 2

Which Dell EMC Unity function does the File Import feature provide?

- A. Migrates VNX CIFS-configured VDMs and the associated file systems to a Unity SMB NAS server
- B. Moves SMB shared file systems between two Unity systems during a Hyper-V cluster failover
- C. Replicates file-based Vvols between two Unity systems for load balancing
- D. Hydrates compressed Unity file systems when tiering to the Cloud with the Cloud Tiering Appliance

Correct Answer: A

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### QUESTION 3

What is a consideration when sizing a Dell EMC SC Series system for capacity?

- A. Thin provisioning
- B. Raid overhead
- C. Virtual volumes
- D. Compression and deduplication

Correct Answer: D

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### QUESTION 4

You are designing a Dell EMC Unity storage system for a customer who is concerned about power requirements. How much primary power is provided by each DPE power supply?

- A. 200 Watts
- B. 400 Watts
- C. 800 Watts
- D. 1100 Watts

Correct Answer: B

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#### **QUESTION 5**

What is the main advantage of sizing a Dell EMC SC Series array focusing on IOPS when using the 95th percentile instead of peak values?

- A. Provides a properly sized and accurately priced solution
- B. Reduces complexity in preparing a properly sized solution
- C. Provides a secure solution with data efficiency
- D. Demonstrates a clear relationship between customer needs and offerings

Correct Answer: A

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#### **QUESTION 6**

You are designing a Dell EMC Unity solution for a customer who requires space efficiency. In addition, they want a local form of protection from data loss or corruption accidentally caused by a user.

Which Unity feature meets these requirements?

- A. Local LUN Move
- B. Replication
- C. Snapshots
- D. D@RE

Correct Answer: C

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#### **QUESTION 7**

Which Dell EMC SC Series model presents an all-in-one format, including dual-controllers and disks enclosures in a single chassis?

- A. SC40
- B. SC4020

C. SC8000

D. SC9000

Correct Answer: B

Reference: <http://www.dell.com/en-us/work/shop/povw/dell-compellent-sc4020>

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#### QUESTION 8

What are the Dell EMC midrange storage offerings for capacity efficiency?

A. Unity: Compression and Post-Process Deduplication SC Series: Inline Compression

B. Unity: Intelligent Compression and Deduplication SC Series: Inline Compression and Deduplication

C. Unity: Post-Process Compression and Deduplication SC Series: Inline Compression and Deduplication

D. Unity: Compression for Block SC Series: Intelligent Compression and Deduplication

Correct Answer: C

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#### QUESTION 9

A Dell EMC SC Series customer has purchased the Storage Optimization bundle and wants to ensure that Data Progression works efficiently. Which snapshot schedule conforms to best practice when using Data Progression?

A. Daily snapshot with an expiration of exactly 24 hours

B. Daily snapshot with an expiration of at least 25 hours

C. Weekly snapshot with an expiration of exactly 7 days

D. Weekly snapshot with an expiration of at least 8 days

Correct Answer: A

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#### QUESTION 10

Using customer-supplied information, you have designed a solution using a Dell EMC Unity 400F with 250 drives. The customer now wants to increase the drive count to 340 drives at the lowest cost.

Which Unity model configuration should be recommended?

A. Keep the Unity 400F and add two 80-drive DAEs

B. Keep the Unity 400F and add four 25-drive DAEs

C. Upgrade to a Unity 500F and add two 80-drive DAEs

D. Upgrade to a Unity 500F and add two 25-drive DAEs

Correct Answer: A

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#### **QUESTION 11**

Which front-end options are available for each Dell EMC SC4020 controller?

- A. 2 FC 16 Gb, 2 FC 8 Gb 4 iSCSI 10 Gb, 4 SAS 12 Gb
- B. 2 FC 16 Gb, 4 FC 8 Gb 4 iSCSI 10 Gb, 4 SAS 12 Gb
- C. 4 FC 16 Gb, 2 FC 8 Gb 4 iSCSI 10 Gb, 4 SAS 12 Gb
- D. 4 FC 16 Gb, 4 FC 8 Gb 4 iSCSI 10 Gb, 4 SAS 12 Gb

Correct Answer: C

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#### **QUESTION 12**

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

Correct Answer: C