

Dell EMC DES-1D11 Exam

Volume: 104 Questions

Question: 1

In Dell Unity systems, which Flash drive types can be used in both FAST Cache and FAST VP?

- A. 200 GB and 400 GB SAS Flash 2 drives
- B. 400 GB, 800 GB, and 1.6 TB SAS Flash 3 drives
- C. 1.6 TB and 3.2 TB SAS Flash 2 drives
- D. 3.84 TB and 7.68 TB SAS Flash 4 drives

Answer: A

Question: 2

What is a capability of the Dell EMC Unity Compression for File feature?

- A. Compression of data is performed in a post-processing manner
- B. Compression of data can be scheduled for non-production times
- C. Can be enabled at any time on pools that support the feature
- D. Can only be enabled on newly created pools without user data

Answer: C

Question: 3

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

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Answer: C

Question: 4

A customer wants a solution to support a virtual desktop infrastructure that requires faster storage at the lowest cost. In addition, they want to limit the maximum number of drives to 450. Which Dell EMC Unity model should be recommended?

- A. Unity 350F
- B. Unity 450F
- C. Unity 550F
- D. Unity 650F

Answer: C

Question: 5

A Dell EMC SC7020 contains the following drives:
Which tiers will qualify for deduplication and compression?

- A. Tier 1 and Tier 2 only
- B. Tier 1 and Tier 3 only
- C. Tier 1, Tier 2, and Tier 3
- D. Tier 2 and Tier 3 only

Answer: B

Question: 6

To maximize system performance on Dell EMC Unity systems, what is recommended?

- A. Distribute Flash drives across back-end buses
- B. Use a 12-drive DPE with only Hybrid systems
- C. Build storage pools with only a minimum number of drives

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D. Distribute host connections across as few front-end ports as possible

Answer: A

Question: 7

In a Dell EMC SC Series environment, what can be examined to determine a customer's data change rate?

A. Event logs

B. Volume properties

C. Incremental backups

D. DPACK reports

Answer: D

Question: 8

A customer has a Dell EMC Unity 500 at their headquarters location. They want to deploy a UnityVSA in a remote/branch office environment to run an instance of a mission-critical financial application. In addition, they want to ensure that headquarters and the branch offices share the same information by using asynchronous replication. Finally, the customer wants to add 10 TB of capacity in the next 6 months.

Since a Professional Edition subscription with the lowest storage capacity was purchased, what is the minimum upgrade subscription required?

A. 4 TB to 10 TB

B. 10 TB to 25 TB

C. 10 TB to 50 TB

D. 25 TB to 50 TB

Answer: B

Question: 9

A customer wants to provide file systems for two performance-intensive database applications on a Dell EMC Unity 500. What is the recommended File storage configuration to balance the

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system performance?

- A. Multiple file systems for each application Access-based enumeration enabled on file system shares
- B. Single NAS server with multiple interfaces Define a preferred interface for outgoing communications
- C. File systems created from different storage pools Client-side caching of offline files enabled on file system shares
- D. Separate NAS servers on each Storage Processor Provide storage for each application from separate NAS servers

Answer: C

Question: 10

A Dell EMC SC180 is currently populated with 4 SSDs and 24 HDDs, totaling 28 disks. What is the minimum number of disks that can be licensed for expansion?

- A. 10
- B. 14
- C. 20
- D. 28

Answer: B

Question: 11

Which supported configuration in Dell EMC Unity NAS servers provide link transmission optimization for File storage to NAS clients?

- A. VLAN Tagging
- B. Jumbo Frames
- C. Fail-safe networking
- D. Link Aggregation

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Answer: A

Question: 12

When a customer has sustained peak values for critical workloads, what is the main advantage of sizing a Dell EMC SC Series array for IOPS using 99th percentile instead peak values?

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

Answer: B

Question: 13

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: 14

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

- A. Hydrates compressed Unity file systems when tiering to the Cloud with the Cloud Tiering Appliance