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QUESTION 1

Which Dell EMC Unity component holds the contents of write cache upon the loss of AC power?

- A. M.2 SSD drive
- B. SP memory
- C. Vault disk 0
- D. Vault disks 0_3

Correct Answer: A

Reference: <https://www.emc.com/collateral/white-papers/h15084-dell-emc-unity-introduction-to-the-platform.pdf> (13)

QUESTION 2

Which Dell EMC Unity feature is beneficial for data protection designs but has a negative impact on performance designs?

- A. Unity Compression for Block
- B. Synchronous remote replication
- C. Unity Compression for File
- D. Data at Rest Encryption

Correct Answer: B

QUESTION 3

You are designing a Dell EMC Unity solution for a customer who wants to accommodate multiple database instances on block storage. In addition, they want to protect the data with snapshots and AppSync using a Consistency Group. What is the maximum number of LUNs that can be associated with the Consistency Group?

- A. 10
- B. 40
- C. 35
- D. 50

Correct Answer: D

Explanation: An addressable instance of LUN storage that can contain one or more LUNs (up to 50) and is associated with one or more attached hosts. Reference: <https://www.emc.com/collateral/TechnicalDocument/docu88302.pdf>



QUESTION 4

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

QUESTION 5

What is the minimum SCOS version required to implement Storage QoS in a Dell EMC SC Series storage?

- A. SCOS version 6.5
- B. SCOS version 6.7
- C. SCOS version 7.0
- D. SCOS version 7.1

Correct Answer: C

QUESTION 6

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

QUESTION 7

You are designing a solution for a customer who is sensitive to capacity needs. In addition, they require low latency for large write I/Os. Which Dell EMC midrange storage solution will meet the customer's requirements?

- A. Unity Hybrid: Striping RAID, All-Flash Pool, and FAST Cache SC Series: FastTrack and read-intensive SSDs on Tier 1



B. Unity Hybrid: Parity RAID, All-Flash Pool, and FAST Cache SC Series: FastTrack and write-intensive SSDs on Tier 1

C. Unity Hybrid: Striping RAID, Dedicated Pool, and Flash 2 drives on Tier 1 SC Series: Data Progression and write-intensive SSDs on Tier 1

D. Unity Hybrid: Parity RAID, Dedicated Pool, and Flash 3 drives on Tier 1 SC Series: Data Progression and read-intensive SSDs on Tier 1

Correct Answer: A

QUESTION 8

A customer wants to integrate a Dell EMC Unity Hybrid system with a Linux OS host running on Oracle application. The Oracle application requires that the database files are deployed on a large amount of spindles to meet a low I/O latency requirement. In addition, the customer wants to use the available Unity drives and deploy the database on 10K RPM SAS or NL-SAS, reducing the number of required spindles. Which Unity feature will enable the proposed solution to provide effective storage utilization and optimized performance?

A. Dynamic Pools

B. FAST Cache

C. Traditional Pools

D. FAST VP

Correct Answer: A

QUESTION 9

What is the Dell EMC best practice for sizing and designing an SC Series solution?

A. Size for capacity, Data Progression should always meet performance needs

B. Size for performance first and capacity second

C. Drive amount for capacity should meet performance needs

D. Drive amount required for performance should always meet capacity needs

Correct Answer: C

QUESTION 10

A company wants to improve high availability for their corporate VMware vSphere cluster. They want to implement a stretched cluster over two separate data centers.

Currently they have one vSphere cluster in a single data center connected to one Dell EMC SCv2020 over iSCSI.

Which SC Series solution addresses the customer's requirements?



- A. One SC4020 at one site replicating synchronously with the current SCv2020
- B. Two SCv2020s; one at each data center and one configured for asynchronous replication between them
- C. Two SCv2080s; one at each data center and one configured Live Volume between them
- D. Two SCv4020s; one at each data center and one configured Live Volume between them

Correct Answer: B

QUESTION 11

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

QUESTION 12

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

Correct Answer: B

QUESTION 13

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



Correct Answer: C

QUESTION 14

You are designing a solution that will provide integration of a Dell EMC Unity storage array with a virtualized environment by provisioning VMFS datastores accessed through Fibre Channel. The customer uses the infrastructure for VDI deployment and provisioning of regular VMs. The host access is balanced by Quality of Service (QoS).

Which Unity QoS feature will address the expected Boot storm caused by powering up the virtual desktops at a certain time of the day?

- A. Quotas
- B. Density-based Policy
- C. Burst Policy
- D. Host I/O Limit Pause

Correct Answer: D

QUESTION 15

What is the guideline when sizing for IOPS on a Dell EMC SC Series solution with two tiers?

- A. Tier 1 = 20% of ADJUSTED IOPS Tier 3 = 100% of ADJUSTED IOPS
- B. Tier 1 = 50% of ADJUSTED IOPS Tier 3 = 50% of ADJUSTED IOPS
- C. Tier 1 = 100% of ADJUSTED IOPS Tier 3 = 20% of ADJUSTED IOPS
- D. Tier 2 = 95% of ADJUSTED IOPS Tier 3 = 95% of ADJUSTED IOPS

Correct Answer: C

QUESTION 16

Which Dell EMC Unity and SC Series features benefit efficient use of capacity?

- A. Unity: FAST Cache SC Series: FastTrack
- B. Unity: FAST VP SC Series: Data Progression
- C. Unity: FAST Cache SC Series: Data Progression
- D. Unity: FAST VP SC Series: FastTrack

Correct Answer: B



QUESTION 17

A customer needs to take point in time copies of a Microsoft SQL Server database. They want to minimize the impact of critical applications accessing this server, including in flight data. All LUNs are stored on a Dell EMC SC7020 licensed with the Storage Optimization bundle.

Which bundle will address the customer's requirements?

- A. Data Progression bundle
- B. Performance bundle
- C. Enterprise Capacity bundle
- D. Storage Protection bundle

Correct Answer: D

QUESTION 18

When implementing FAST VP, which Dell EMC best practices should be followed?

- A. Use the "Lowest Available Tier" during normal operations Schedule relocations after nightly backups
- B. Use the "Auto Tier" policy Schedule relocations continually during normal operations
- C. Use the "Start High then Auto Tier" policy Maintain at least 10 percent of the pool capacity
- D. Use the "Start High then Auto Tier" policy Maintain at least 5 percent pool capacity

Correct Answer: B

QUESTION 19

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

QUESTION 20

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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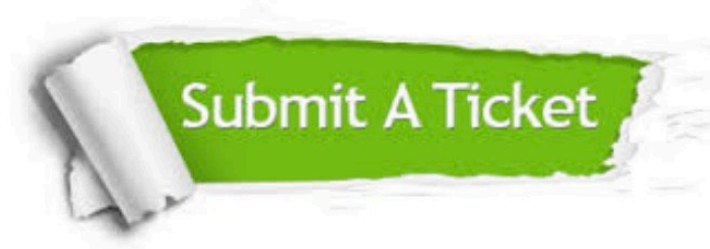
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