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QUESTION 1

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 2

Which Dell EMC Unity design consideration must be accounted for if the Native SANCopy Import feature is to be used?

- A. Failover mode 4 needs to be enabled for all Unity LUNs
- B. A Fibre Channel port from each Storage Processor is required
- C. Capacity must be allocated for SANCopy Reserved LUN Pool LUNs
- D. Hot access of data will require PowerPath Multipathing software

Correct Answer: C

Reference: <https://www.emc.com/collateral/white-papers/h15163-emc-unity-migration-technologies.pdf>

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QUESTION 3

A Dell EMC SC7020 contains the following drives: Tier 1: Write-intensive SSDs Tier 2: 10K HDDs Tier 3: 7K HDDs

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

Correct Answer: B



QUESTION 4

How many Dell EMC SC9000 slots, per controller, are available for PCIe cards?

- A. 3 full height and 3 half-height card slots
- B. 3 full height and 4 half-height card slots
- C. 3 full height (one reserved for write cache) and 3 half-height card slots
- D. 4 full height (one reserved for write cache) and 3 half-height card slots

Correct Answer: D

QUESTION 5

Which Dell EMC Unity and SC Series features provide post-processing for placing data on appropriate storage tiers?

- A. Unity: Host I/O Limits SC Series: Volume QoS
- B. Unity: FAST VP SC Series: Data Progression
- C. Unity: Compression for Block SC Series: Deduplication and Compression
- D. Unity: Synchronous Replication SC Series: Live Volume

Correct Answer: B

QUESTION 6

When using the Dell EMC SC Series "rule of thumb" for IOPS per drive numbers, what will deliver 7,500 back-end IOPS?

- A. 36, 2.5" 10K drives
- B. 36, 2.5" 15K drives
- C. 36, 3.5" 7.2K drives
- D. 36, 3.5" 15K drives

Correct Answer: B

QUESTION 7

A customer needs to test applications with real workloads and all data services associated with the production LUNs. Which Dell EMC Unity advanced storage feature provides this capability without interfering with the production storage resources?

- A. Thin Clones



B. Consistency Groups

C. Local Replication

D. SnapView

Correct Answer: A

Explanation: Thin clones allow development and test personnel to work with real workloads and use all data services associated with production storage resources without interfering with production. Reference:

<https://www.dell EMC.com/en-hk/documentation/unity-family/unity-p-config-luns/03-configuring-block-thin-clones.htm>

QUESTION 8

Which feature is supported with cross-platform replication between Dell EMC PS and SC Series arrays?

A. Replication of volume collections

B. Cascade mode with an EQL PS Group

C. Compression of replicated data

D. Asynchronous Replication

Correct Answer: D

QUESTION 9

What is the reason for using mirrored cache in Dell EMC Unity storage systems?

A. Provide a secondary copy of write data for the same Storage Processor

B. Provide a secondary copy of read cached data for the peer Storage Processor

C. Provide the only copy of read data for each Storage Processor

D. Provide a secondary copy of write cached data for the peer Storage Processor

Correct Answer: D

Reference: <https://www.emc.com/collateral/white-papers/h15162-emc-unity-high-availability.pdf>

QUESTION 10

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 All-Flash: Parity 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 write-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

Correct Answer: D

QUESTION 11

What are the characteristics of RAID Extents on a Dell EMC Unity system?

- A. RAID extents contain at least two drive extents from the same drive. RAID extents always include drive extents from two different Drive Partnership Groups.
- B. Number of drive extents within a RAID extent is determined by the drive capacity. RAID extents will not include drive extents from two different Drive Partnership Groups.
- C. No RAID extents contain two drive extents from the same drive. RAID extents will not include drive extents from two different Drive Partnership Groups.
- D. No extents contain two drive extents from the same drive. RAID extents are always 256 MB in size.

Correct Answer: D

Reference: <https://www.dell.com/en-au/documentation/unity-family/unity-p-pool-config/06-unity-poolbr-understanding-raid.htm>

QUESTION 12

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

QUESTION 13

How does the Dell EMC SCv2000 differ from the other SC Series offerings regarding Data Progression?

- A. Data Progression is not automated in the system
- B. RAID tiering is the only functionality of the SCv2000



- C. Storage profiles must be created for each volume upon creation
- D. No storage profiles are available in the SCv2000

Correct Answer: A

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
- B. Migrates VNX NFSv3 configured VDMs and the associated file systems to a Unity NAS server
- C. Replicates file-based VVols between two Unity systems for load balancing
- D. Moves NFS datastores between two Unity systems during a VMware vMotion operation

Correct Answer: B

Reference: <https://www.emc.com/collateral/white-papers/h15163-emc-unity-migration-technologies.pdf>

QUESTION 15

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

Correct Answer: A

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