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QUESTION 1

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 2

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

Correct Answer: B

The SC180 enclosure can be connected to a SCv2080 to add additional storage beyond the base unit capacity. ?The maximum number of drives that can be part of a SCv2080 as of SCOS release 7.1 is 168. ? The SC180 enclosure contains 84 drive slots. ?The minimum number of spinning (HDDs) or solid state (SSD) drives in an SC180 is 28. Drives can only be added in increments of 14. ?The SC180 is only supported as an expansion unit with the SCv2080. ?They are not sold separately. ?If you are familiar with the SC280 enclosure, the SC180 is similar but the enclosures are not interchangeable. ?The SC280 can be sold separately but only works with an SC4020, SC8000 or SC9000. ?It will not work on a SCv2080.

QUESTION 3

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 4

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 5

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 Hybrid: Parity RAID, FAST VP, and Flash 2 drives on Tier 1 SC Series: Data Progression and read-intensive SSDs on Tier 1

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

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

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

Correct Answer: B

QUESTION 6

When designing a Dell EMC SC Series system, which factors are important to understand regarding performance?

A. I/O Size and Read Size

B. Write Size and Latency

C. Latency and Queue Depth

D. Transport and Queue Depth

Correct Answer: A

QUESTION 7

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

QUESTION 8

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

QUESTION 9

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 10

A customer with a large test/dev environment needs a Dell EMC Unity solution. The solution must be capacity efficient to address the customer\\'s cost concerns. Which Unity feature meets this requirement?

A. File System Quotas

B. Unity Host I/O Limits

C. Unity Local Replication

D. Unity Snapshots

Correct Answer: B

QUESTION 11

A DPACK report shows that a customer needs a design to handle 21,000 IOPS from all servers with a read/write percentage of 70/30. What will be the target back-end IOPS for a Dell EMC SC Series array design?

A. 21,000 IOPS

B. 25,200 IOPS

C. 27,300 IOPS

D. 35,700 IOPS

Correct Answer: C

QUESTION 12

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 no more than 23 hours

B. Daily snapshot with an expiration of exactly 24 hours

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

D. Daily snapshot configured with no expiration time

Correct Answer: B

QUESTION 13

A customer wants a solution that includes a single 12-drive DPE and six 25-drive DAEs. Which Dell EMC Unity model should be recommended?

A. Unity 300

B. Unity 400

C. Unity 450F

D. Unity 500F

Correct Answer: B

QUESTION 14

Which controllers support Dell EMC SC200, SC220, and SC280 enclosures?

A. SCv2020, SC4020, and SC7020

B. SCv2020, SC7020, and SC9000

C. SC4020, SC7020, and SC9000

D. SC4020, SC8000, and SC9000

Correct Answer: D

Reference: https://japan.emc.com/collateral/specification-sheet/h15893-387-expansion-enclosure-ss.pdf

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QUESTION 15

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

Correct Answer: B

Reference: https://www.emc.com/collateral/TechnicalDocument/docu69319.pdf

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