2passeasy

Exam Questions DES-1D12

Specialist - Technology Architect Midrange Storage Solutions Exam

https://www.2passeasy.com/dumps/DES-1D12/

NEW QUESTION 1
A customer has invested much time using the Dell PS Series Host Integration Toolkit (HIT) to integrate SAN snapshot protection with Microsoft SQL Server native snapshot technology. The customer expresses concern about whether Dell EMC SC Series cross-platform replication supports that capability.
What should be your response?

A. Recreate integration on the SC Series array and use only SC-to-SC replication for those volumes.
B. Leverage the integration investment and use only PS-to-PS replication on those volumes.
C. Cross-platform replication works with SC Series HIT integrations.
D. Cross-platform replication works with PS Series HIT integrations.

Answer: B

NEW QUESTION 2
Which features were introduced in SCOS 7.3?

A. Distributed Sparing and Live Volume ALUA
B. Data-in-Place upgrade for SC4020 and 4K HDD support
C. Unisphere for SC and Live Volume Auto-failover
D. CloudIQ support and Cross Platform Replication

Answer: A

Explanation:
https://dl.dell.com/topicspdf/sc-7-3_rn_en-us.pdf

NEW QUESTION 3
What is the Dell EMC best practice for sizing and designing a Dell EMC SC Series solution?

A. Front-end ports required for performance should always meet capacity needs
B. Drive capacity should meet performance needs
C. Size for performance first and capacity second
D. Size for capacity; Data Progression should always meet performance needs

Answer: C

NEW QUESTION 4
When a remove replication operation is performed on a Dell EMC PowerStore array, what happens to the destination storage resource?

A. Is deleted
B. Stays in read/write mode
C. Stays in read-only mode
D. Taken offline

Answer: C

Explanation:
"Removing a replication session is initiated on the source system by removing the protection policy from the Volume or Volume Group on the source system. Removing the protection policy from a storage resource results in the following: * The destination storage resource stays in read-only mode."

NEW QUESTION 5
What is the minimum recommended amount of Flash capacity in a Dell EMC Unity 880 Hybrid pool?

A. 5%
B. 8%
C. 10%
D. 15%

Answer: A

NEW QUESTION 6
Which QoS options are supported by Dell EMC Unity XT?

A. VMFS Datastore and Storage Pool
B. iSCSI and Attached Snapshot
C. Individual LUN and iSCSI
D. Individual LUN and Group LUN

Answer: D

NEW QUESTION 7
Which encryption algorithm is used for SMB shares on Dell EMC Unity?

A. AES-CCM
B. AES128-GCM

C. AES-CMAC
D. HMAC-SHA256

Answer: B

Explanation:
This provides improved security and encryption traffic performance for SMB3 by changing the encryption algorithm from AES-CCM-128 to AESGCM-128. Page 40
:
https://www.delltechnologies.com/en-zm/collaterals/unauth/white-papers/products/storage/h15572-dell-emc-uni

NEW QUESTION 8
What are characteristics of D@RE on a Dell EMC Unity array?

A. Impacts array only during implementation Has minimal impact on performance
B. Does not impact array during implementation Has some impact on performance for a moment
C. Impacts array for a moment after implementation Has no impact on performance
D. Does not impact array during implementation Has minimal impact on performance

Answer: D

Explanation:
controller-based D@RE has minimal performance impact for typical mixed workloads, and no impact to other Dell EMC Unity data services due to the level at which the encryption is performed, which is after all data services have been applied.
https://www.delltechnologies.com/en-us/collaterals/unauth/white-papers/products/storage/h15090-dell-emc-unit

NEW QUESTION 9
Which feature helps to enable file service High Availability on Dell EMC PowerStore?

A. NAS Network Heartbeat
B. RAID protected disk drives
C. Multiple redundant network ports with system bond
D. Redundant nodes with Live Volume enabled

Answer: A

NEW QUESTION 10
When sizing a Dell EMC Unity Hybrid array, what are considerations for performance?

A. Workload and hardware bottlenecks
B. Active data and load balancing
C. Drive size and component redundancy
D. General capacity and port utilization

Answer: A

NEW QUESTION 10
A storage administrator wants to do a tech refresh from a legacy EQL system to a new Dell EMC SC Series array. What is needed to correctly size the new array?

A. Latency
B. Peak IOPS information
C. Storage tiers
D. Contract support end date

Answer: B

Explanation:
https://downloads.dell.com/manuals/common/sc-series-performance-availability-best-practices-dell-emc-4024-b
Sizing an SC Series array for performance requirements - pag.9)

NEW QUESTION 12
You are designing a Dell EMC PowerStore solution with a customer. They ask if they can populate Slots 0 to 10 with NVMe SSD drives.
What should be your response?

A. Any drive type can be populated in the remaining slots
B. NVMe SSDs must be populated in the remaining empty slots
C. NVMe SCM drives are required in Slots 0 through 10
D. NVMe SCM drives must be populated in the remaining empty slots

Answer: B

NEW QUESTION 13
To which bus is the Dell EMC Unity 880F DPE connected?

A. 49
B. 89
C. 99

Answer: D

Explanation:
The DPE on 480/F, 680/F, and 880/F systems is internally connected to Bus 99 which is a separate bus than the first SAS expansion port that is connected to Bus 0. Therefore, the DPE is recognized by the system as Bus 99 Enclosure 0 while the first DAE connected to the first SAS expansion port would be Bus 0 Enclosure 0. This is different than X00/F, X50F, and 380/F systems. Furthermore, this means that the twenty-five drives in front of the DPE for 480/F, 680/F, and 880/F systems are internally recognized as Bus 99 Enclosure 0 Drive 0 – Bus 99 Enclosure 0 Drive 24. In Unisphere, the drives are seen DPE Drive 0 –DPE Drive 24

NEW QUESTION 14
The last two drive slots in a Dell EMC PowerStore 3000 are reserved for which type of drive?

A. SAS SSD
B. NVMe NVRAM
C. NVMe SSD
D. NVMe SCM

Answer: B

NEW QUESTION 17
Which Dell EMC Unity feature provides network high availability with active-passive ports when provisioning File storage for a NAS client?

A. Redundant Interfaces
B. Preferred Interfaces
C. Link Aggregation
D. Fail-safe Networking

Answer: D

Explanation:
Document: docu71319_dell-emc-unity-high-availability-a-detailed-review.pdf
Page: 20 FAIL SAFE NETWORKING (FSN) Dell EMC Unity OE version 4.2.1 introduces Fail Safe Networking (FSN). FSN is a high availability feature that extends link failover into the network by providing switch-level redundancy. FSN appears as a single link with a single MAC address and potentially multiple IP addresses. FSN can consists of Ethernet ports, link aggregations, or any combination of the two. FSN adds an extra layer of availability to link aggregations alone as link aggregations provide availability in the event of a port failure while FSN provides availability in the event of a switch failure. Each port or Link aggregation is considered as a single connection and only the primary port or link aggregation in an FSN is active at a time. All ports in an FSN must have the same MTU size, but the speed and duplex settings can vary.

NEW QUESTION 19
Which file resources are supported with Dell EMC Unity asynchronous replication?

A. File systems and LUNs
B. LUNs and VMFS datastores
C. NAS servers and NFS datastores
D. Consistency Groups and file systems

Answer: C

NEW QUESTION 20
How many PCI-E lanes are provided for Slot 0 and Slot 1 in Dell EMC Unity XT arrays?

A. 8 for Slot 0; 8 for Slot 1
B. 16 for Slot 0; 16 for Slot 1
C. 8 for Slot 0; 16 for Slot 1
D. 16 for Slot 0; 8 for Slot 1

Answer: D

NEW QUESTION 24
Which Dell EMC Unity storage array models support NVMe?

A. 380, 880, and 880F
B. 680F, 880, and 880F only
C. 680, 680F, 880, and 880F
D. 380, 380F, and 480F

Answer: C

Explanation:
https://delltechnologies.techdata.nl/app/uploads/2019/02/dell-emc-unity-xt-selling-guide.pdf

NEW QUESTION 27
Match each term with its description.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Throughput = Sized by type and number of ports to handle traffic Latency = Time taken for an IO to be executed
IOPS = Amount IO generated by application Queue depth = IOS in buffer waiting to be executed

NEW QUESTION 28
Recent legislation requires a government customer to enhance data security by utilizing D@RE with SED drivers and use Level 3 certified security. Which KMS product should be recommended for use with Dell EMC SC Series arrays?

A. Dell EMC CloudLink
B. StorSecure StorMagic
C. Gemalto SafeNet K460
D. Thales Vormetric VTE

Answer: C

NEW QUESTION 31
What is a consequence of using an 800 GB drive and five 400 GB drives in a Dell EMC Unity XT dynamic pool?

A. Extents 9 – 14 are used to create a RAID Group
B. Unisphere short strokes the 800 GB drive to 8 extents
C. Extents 9 – 14 are marked unavailable until more 800 GB drives are added
D. Extents 9 – 14 are marked unavailable and can never be recovered

Answer: C

Explanation:
The entire capacity of a particular drive size is only available when the drive count within the drive partnership group for the drive in question matches or exceeds the stripe width plus one drive. It is not recommended to mix different size drives of the same type for this reason, unless an adequate number of drives are available to meet or exceed the stripe width plus one drive requirement
h16289-dell_emc_unity-dynamic_pools.pdf - Page 18-19

NEW QUESTION 33
What storage resources are affected with a refresh option on a Dell EMC PowerStore array?

A. Thin clones and volumes only
B. Snapshots, thin clones, and volumes
C. Thin clones, volumes, and replicas
D. Thin clones and snapshots only

Answer: A

NEW QUESTION 38
Which Dell EMC SC Series array allows for back-end expansion cards?

A. SCv3000
B. SC7020
C. SC5020
D. SCv3020

Answer: B

Explanation:
https://www.dell.com/support/manuals/en-us/storage-sc7020/sc7020-om/sc7020-series-storage-system-back-pan Here we clearly have Each storage controller contains:[...] Expansion slots for I/O cards: Slots for optional front-end connectivity – Fibre Channel and iSCSI I/O cards Slots for optional back-end connectivity – SAS I/O cards [...] SCv3000, SCv3000 and SC5020 owner manual say: One expansion slot for a front-end I/O card:
https://www.delltechnologies.com/de-at/collaterals/unauth/technical-guides-support-information/services/h1735

NEW QUESTION 41
A customer configures their Live Volume setup for synchronous replication with the High Availability option. They are designing a DR resiliency plan to ensure data integrity in the event of data corruption.
Which Dell EMC SC Series technology should you use?

A. Live Volume with Non-Uniform Presentation
B. Live Volume with Uniform Presentation
C. Synchronous Replication with High Consistency
D. Live Volume with Managed Replication

Answer: D

NEW QUESTION 43
......

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual DES-1D12 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the DES-1D12 Product From:

https://www.2passeasy.com/dumps/DES-1D12/

Money Back Guarantee

DES-1D12 Practice Exam Features:

* DES-1D12 Questions and Answers Updated Frequently

* DES-1D12 Practice Questions Verified by Expert Senior Certified Staff

* DES-1D12 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* DES-1D12 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year