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Exam : **D-PVM-DS-01**

Title : Dell PowerMax Design v2 Exam

Version : DEMO

1.A customer is implementing a consolidated storage solution on a PowerMax platform, requiring block and file services. They have identified the need for SDNAS functionality. You must justify your selection based on a consolidated block and file environment's scalability, performance, and integration requirements.
Which two PowerMax array options would you recommend? (Choose two.)
A. PowerMax 8500
B. PowerMax 2000
C. PowerMax 2500
D. PowerMax 8000
Answer: AC

2.While designing a PowerMax 8500 system, the capacity requirements require 298 drives in a RAID 5(12+1) configuration.
What is the minimum number of node pairs that must be configured?
A. 5
B. 2
C. 4
D. 3
Answer: C

3.A single node pair PowerMax 8500 system is configured with 768 GB DRAM + 1 TB PMEM. The array requires a PMEM upgrade.
What is the only available PMEM upgrade option for this PowerMax configuration?
A. 768 GB DRAM + 1.5 TB PMEM
B. 768 GB DRAM + 4 TB PMEM
C. 768 GB DRAM + 2 TB PMEM
D. 768 GB DRAM + 3 TB PMEM
Answer: C

4.A customer requires high performance and redundancy for a mission-critical application on a PowerMax 8500 system.
Which Flexible RAID configuration would be most appropriate?
A. RAID 5 (8+1)
B. RAID 5 (7+1)
C. RAID 6 (6+2)
D. RAID 6 (10+2)
Answer: D

5.A Storage Architect is planning a performance-driven expansion of an existing two-Brick PowerMax 8500 system to a four-Brick configuration. They are researching best practices to ensure optimal performance and avoid potential bottlenecks.
What is a critical consideration during this PowerMax 8500 Brick expansion?
A. The cache size of the fourth Brick must match the cache size of the existing Bricks.
B. The expansion must maintain consistent drive types and RAID configurations across all Bricks.

C. All Bricks must contain at least 1 TB of cache each.
D. The maximum number of drives per Brick is 192.
Answer: B