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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