



# QUESTION & ANSWER

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**Exam** : **DES-1D12**

**Title** : Specialist - Technology  
Architect, Midrange Storage  
Solutions Exam

**Version** : DEMO

1.Which Dell PowerStore supported media devices carry a FIPS Type D certification?

- A. NVMe SCM NVMe SSD, and SAS SSD
- B. SAS HDD, NVMe SSD NVMe SCM, and SAS SSD
- C. SAS SCM NVMe SSD and NVRAM
- D. SAS SSD NVMe SSD NVMe SCM, and NVRAM

**Answer:** A

**Explanation:**

The Dell PowerStore supports a variety of media devices, including NVMe SCM, NVMe SSD, SAS SSD, SAS HDD, and NVRAM. Of these, NVMe SCM, NVMe SSD, and SAS SSD carry a FIPS Type D certification. This certification is a Federal Information Processing Standards (FIPS) certification that indicates that the device has passed a set of security standards established by the US government for use in sensitive, but unclassified data.

2.Which SAS SSDs are supported by Dell EMC PowerStore?

- A. 960 GB, 1920 GB, 3840 GB, and 7680 GB
- B. 960 GB, 1920 GB, and 3840 GB only
- C. 1920 GB, 3840 GB, 7680 GB, and 15360 GB
- D. 1920 GB, 3840 GB, and 7680 GB only

**Answer:** C

**Explanation:**

3.4.4 SAS SSD

Reference: <https://www.delltechnologies.com/asset/en-us/products/storage/industry-market/h18149-dell-emc-powerstore-platform-introduction.pdf>

3.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

**Explanation:**

Reference: <https://www.delltechnologies.com/en-gb/collaterals/unauth/technical-guides-support-information/products/storage/docu94617.pdf>

4.A customer has a Dell Unity XT 380F system with a single pool that is built from 24x 800 GB and 24x 16 TB SAS Rash 3 drives and 14x 400 SAS Flash 2 drives.

How many drive partnership groups were used to build the dynamic pool?

- A. 3
- B. 1
- C. 2
- D. 4

**Answer:** C

**Explanation:**

In Dell Unity XT storage systems, a dynamic pool is built using drive partnership groups. A drive

partnership group is a group of drives that are combined to create a pool. A drive partnership group can be made up of SAS, NL-SAS, or Flash drives. In this case, the customer has a single pool built from 24x 800 GB SAS R800 drives and 24x 1.6 TB SAS R800 drives, and 14x 400 GB SAS Flash 2 drives. All drives are SAS type, and it's only one partnership group.

5. From which storage platforms does a migration import data to a Dell PowerStore cluster?

- A. Dell EqualLogic PS series Unity, Dell Compellent SC Series, and PowerVault ME
- B. PowerMax, Dell EqualLogic PS series, Dell Compellent SC Series and Unity
- C. VNXe Unity, Dell Compellent SC Series and Dell EqualLogic PS series
- D. Unity VNX2, Dell EqualLogic PS series and Dell Compellent SC Series

**Answer:** D

**Explanation:**

A migration import allows data to be transferred from an existing storage platform to a Dell PowerStore cluster. The platforms that support migration import to a Dell PowerStore cluster include Unity, VNX2, Dell EqualLogic PS series and Dell Compellent SC Series. These platforms are EMC storage systems, which are now owned by Dell Technologies.