



DES-1D12^{Q&As}

Specialist - Technology Architect Midrange Storage Solutions

Pass EMC DES-1D12 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/des-1d12.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by EMC
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

A Dell EMC Unity storage administrator has 10 hosts. One of the hosts experiences occasional, huge IO bursts. What is a best practice for avoiding performance issues during these burst periods?

- A. Enabling Quality of Service (QoS) will limit the burst problem
- B. Quality of Service (QoS) is enabled by default, so one only needs to configure burst settings
- C. Enable Quality of Service (QoS) then limit I/O for the entire FC port
- D. Enable Quality of Service (QoS) then configure burst settings

Correct Answer: B

QUESTION 2

What is the maximum capacity of a file system on a Dell Unity XT 380?

- A. 64 TB
- B. 32 TB
- C. 256 TB
- D. 128 TB

Correct Answer: C

The maximum capacity of a file system on a Dell Unity XT 380 can be up to 256 TB. This high capacity is possible due to the advanced storage features such as data reduction, data tiering and use of high-density drives. The file system capacity can be increased by adding more drives, and by configuring the storage pool and LUNs in a way that maximizes storage utilization and performance. It's important to note that this may vary depending on the specific version and software of the Dell Unity XT 380.

QUESTION 3

You are designing a Dell EMC Unity solution. You need to predict its expected performance based on workload, number of drives, and RAID protection. Which design path on the Midrange Sizer should you take?

- A. System Designer path
- B. Application Oriented path
- C. Quick Configuration path
- D. Performance Data Input path

Correct Answer: C



QUESTION 4

Which network option should be configured to provide the best iSCSI performance on a Dell Unity XT array?

- A. A iSCSI offload
- B. Single VLAN for all traffic
- C. Jumbo frames
- D. Disable flow control

Correct Answer: A

iSCSI offload is a network option that can be configured to provide the best iSCSI performance on a Dell Unity XT array. This option offloads iSCSI processing to the network adapter card, reducing the load on the host CPU and improving performance. With iSCSI offload enabled, the network adapter card can handle iSCSI processing tasks such as packet segmentation and reassembly, reducing the CPU overhead associated with iSCSI operations. Other options such as using a single VLAN for all traffic, configuring jumbo frames and disabling flow control may also help to improve iSCSI performance but iSCSI offload would provide the best results. It is important to note that configuring jumbo frames could have a positive impact on performance, but it also depends on the network infrastructure and the NICs support for it. Disabling flow control could cause issues on congested networks, so it's important to test it before disabling it.

QUESTION 5

A Dell Unity XT hybrid flash array system is configured with FAST Cache to optimize data access for OLTP workloads. What level of data granularity is tracked and promoted to the secondary cache?

- A. 8KB
- B. 256KB
- C. 64 KB
- D. 128 KB

Correct Answer: A

FAST Cache is an intelligent caching technology that optimizes data access for OLTP workloads by tracking and promoting data at the granularity of 8KB blocks. It uses a combination of flash memory and DRAM to store frequently accessed data, allowing the system to quickly access the most frequently used data, reducing latency and improving overall performance.