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**DELL-EMC**

# DES-1D12

*Specialist - Technology Architect, Midrange Storage Solutions*



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#### Question: 44

A Windows client using the SMB protocol is trying to access a multiprotocol file system from a Dell Unity XT NAS server. The local group database was checked and no mapping was found.

What is the next step in the SID to UID resolution process?

- A. The Windows user access is removed
- B. The domain controller is checked
- C. The Windows user is mapped to the default UNIX account
- D. Secmap is checked

**Answer: B**

Explanation:

When a Windows client uses the SMB protocol to access a multiprotocol file system from a Dell Unity XT NAS server, the SID (Security Identifier) of the Windows user is mapped to a UID (User Identifier) on the UNIX file system. If no mapping is found in the local group database, the domain controller is checked to see if the SID is present there.

The domain controller can provide the information needed to map the SID to the corresponding UID on the file system, allowing the Windows user to access the files. If the SID is not present in the domain controller, the Windows user's access would be removed.

#### Question: 45

Which onboard Dell PowerStore components does the LCC interface sit between?

- A. HDD drives and CPU board
- B. SCM drives and PCIe
- C. SCM drives and SCSI drives
- D. CPU board and NVMe drives

**Answer: D**

Explanation:

The LCC interface sits between the CPU board and the NVMe drives onboard Dell PowerStore components. The LCC interface is responsible for controlling the PCIe links between the CPU board and NVMe drives and allows for communication between the two. It also provides additional features such as error correction and power management for the NVMe drives.

#### Question: 46

DRAG DROP

Match each Dell EMC Unity feature with its destination.

**Feature****Definition**

Cascade replication	Move hosts and attached file systems to a different SP
NAS server mobility	One-to-many asynchronous replication for a single file storage resource
MetroSync	Asynchronous replication of an already replicated resource to another tier
Fan-out replication	Native synchronous replication for file resources

**Answer:****Feature****Definition**

Cascade replication	NAS server mobility
NAS server mobility	Fan-out replication
MetroSync	Cascade replication
Fan-out replication	MetroSync

**Question: 47**

A Dell EMC PowerStore customer plans to migrate storage volumes across appliances within a cluster. They want to use minimal effort to ensure that the appliance avoids reaching full capacity.

Which method is recommended?

- A. Live Migrate
- B. Assisted Migration
- C. Resource Balance
- D. Volume Placement

**Answer: B**

Explanation:

Assisted migration – In the background, the system periodically monitors storage resource utilization across the appliances. Migration recommendations are generated based on factors such as drive wear, appliance capacity, and health. If you accept a migration recommendation, a migration session gets automatically created.

Reference: <https://www.dell.com/support/manuals/en-pk/powerstore-1000t/pwrstr-cfg-vols/migrate-storage-resources-to-another-appliance?guid=guid-2c5f6014-60e4-43ee-928f-b537c59da869&lang=en-us>

**Question: 48**

What is a benefit of using a performance assessment tool?

- A. Retrieves workload metrics from all storage systems
- B. Provides performance statistics in a structured postgres database

- C. Retrieves the performance archives using the Unity Data Collection
- D. Provides automated performance statistics in chart and table format

**Answer: D**

Explanation:

A performance assessment tool is used to evaluate the performance of storage systems and provide statistics that can be used to identify and troubleshoot performance issues. One of the benefits of using a performance assessment tool is that it provides automated performance statistics in chart and table format, making it easy to understand performance metrics and identify any potential issues. This allows the user to quickly identify and address any bottlenecks in the system, and make adjustments to improve performance.

**Question: 49**

A storage administrator plans to complete a technology refresh from a Dell EqualLogic PS6100 to a Dell EMC PowerStore array. The affected hosts are running native MPIO.

What is the recommended method to support an import to PowerStore?

- A. Install DSITV on the hosts
- B. Install EQL Hit Kit on the hosts
- C. Use Dell Storage Manager and select Online Import
- D. Install PowerStore ImportKit on the hosts

**Answer: D**

Explanation:

An install of the PowerStore ImportKIT is required on the hosts to support import to PowerStore.

Reference: <https://docplayer.net/188347142-Dell-emc-powerstore-importing-external-storage-to-powerstore-guide.html>

**Question: 50**

What component or feature is provided by both the Dell EMC PowerStore 1000T array and the Dell EMC Unity XT 380 Series array?

- A. Container Integration
- B. Configured Block with Hypervisor
- C. Unified System
- D. NVMe disks

**Answer: C**

Explanation:

"When positioning the 380 and 380F, keep in mind that they are not NVMe-ready and will not be upgradeable to support NVMe in the future."

**Question: 51**

Which describes the Dell Unity XT MetroSync replication topology?

- A. A source block resource replicating synchronously from Site A to Site B and replicating synchronously from Site A to Site C
- B. A source file resource replicating synchronously from Site A to Site B and replicating asynchronously from Site A to Site C
- C. A source file resource replicating synchronously from Site A to Site B and replicating synchronously from Site A to Site C
- D. A source block resource replicating synchronously from Site A to Site B and replicating asynchronously from Site A to Site C

**Answer: C**

#### Explanation:

Dell Unity XT MetroSync replication topology is a multi-site replication solution that allows you to replicate data synchronously between two or more Unity XT systems. In this topology, a source file resource is replicated synchronously from Site A to Site B, and also replicated synchronously from Site A to Site

C. This means that data is written to the primary site and immediately replicated to the secondary site, ensuring that both sites have an exact copy of the data at all times. This type of topology is useful in cases where data loss is not acceptable and a zero RPO is needed. This topology ensures that the data is fully protected and that the environment is highly available, as in case of a primary site failure, the secondary site can take over.



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