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.passapply.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 storage administrator is trying to create a new hybrid pool on their Dell Unity XT 680 They want to add

1.

18x3.84 TBSSD drives

2.

72x 1200 GB 10K SAS drives

3.

64x 12 TBNLSAS drives

However, this action is not being permitted by the Unity software. What is the reason for this\\'>

A. 3.84 TB SSD are only supported in all flash pools

B. There are too many disks in the SAS tier

C. 12 TB NLSAS drives are only permitted in archive pools

D. The pool must be created with only a single drive type

Correct Answer: A

The storage administrator is not able to create a new hybrid pool on their Dell Unity XT 680 because the 3.84 TB SSD drives are only supported in all flash pools. Dell Unity XT supports the use of SSDs in all-flash pools, where the entire pool is built from SSD drives, to provide high performance for I/O-intensive workloads.

QUESTION 2

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 3

Which are benefits of choosing the highest capacity flash drives when designing a Dell Unity XT All-Flash system?

A. Enhances data security and system boot time

B. Lowers physical space power and cooling requirements

C. Decreases ware-leveling, performance and redundancy requirements

D. Reduces maintenance and rebuild time

Correct Answer: B

Choosing the highest capacity flash drives when designing a Dell Unity XT All-Flash system can provide several benefits, including lower physical space, power and cooling requirements. Additionally, higher capacity drives can also improve system boot time, reduce maintenance and rebuild time, and decrease wear-leveling, performance, and redundancy requirements.

QUESTION 4

Which NAS protocols does Dell PowerStore support?

A. FTP, SMB, NFSv2, NFSv3, and FTPS

B. FTPS, SMB, NFSv3, NFSv4, and FTP

C. SMB, NFSv3, NFSv4p, FTP, and SFTP

D. NFSv4, SMB, S3, FTP, and SFTP

Correct Answer: C

Dell PowerStore supports a variety of NAS protocols to provide file access to clients. These protocols include:

SMB (Server Message Block): This protocol is used to provide file and printer sharing on Windows-based systems.

NFSv3 (Network File System version 3): This is a standard protocol used to provide file access on UNIX-based systems.

NFSv4 (Network File System version 4): This is the latest version of the NFS protocol and it provides enhanced security and improved performance over previous versions.

FTP (File Transfer Protocol): This is a standard protocol used to transfer files between computers over a network.

SFTP (Secure File Transfer Protocol): This is an extension of the FTP protocol that provides secure file transfer using SSH (Secure Shell) encryption.

QUESTION 5

How are vVol datastores mounted in Dell EMC PowerStore storage during the creation of vVol datastores in the vSphere environment shared by ESXi hosts?

A. Volume Groups

B. Storage containers

C. Storage Groups

D. VMFS datastores

Correct Answer: B

A storage container is used to present vVol storage from a PowerStore cluster to vSphere. vSphere mounts the storage container as a vVol datastore and makes it available for VM storage. When a PowerStore cluster is used to provide VM storage, user VMs should be provisioned on the vVol datastores. The default storage container is mounted automatically on the nodes of the cluster.

Latest DES-1D12 Dumps   DES-1D12 Practice Test   DES-1D12 Study Guide