D-UN-DY-23 Q&As

Dell Unity Deploy 2023 Exam

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QUESTION 1

Into what size slices is the LUN partitioned for RAID extents?

A. 256 MB

B. 128 MB

C. 64 MB

D. 512MB

Correct Answer: B

A LUN is a logical unit of storage that is presented to a host as a SCSI device. A LUN is composed of one or more RAID extents, which are the smallest units of storage that can be allocated to a LUN. A RAID extent is a slice of a RAID group that is used to store user data and parity information. The size of a RAID extent depends on the RAID type and the drive type of the RAID group. For example, a RAID 5 extent on a SAS drive is 128 MB, while a RAID 6 extent on a NL-SAS drive is 256 MB. The LUN is partitioned into slices that match the size of the RAID extents, and each slice is mapped to a RAID extent from a RAID group in the storage pool. The LUN slices are distributed across multiple RAID groups to improve performance and availability. References: Dell EMC Unity: Storage Pools and RAID Groups Dell EMC Unity: LUN Management

QUESTION 2

What does the Dell Unity XT system do after a NAS server starts outbound traffic to an external service?

A. Uses the active production interface

B. Creates an active interface buffer cache in DRAM

C. Selects interfaces that are based on advance static routes

D. Uses Packet Reflect for outbound communication

Correct Answer: D

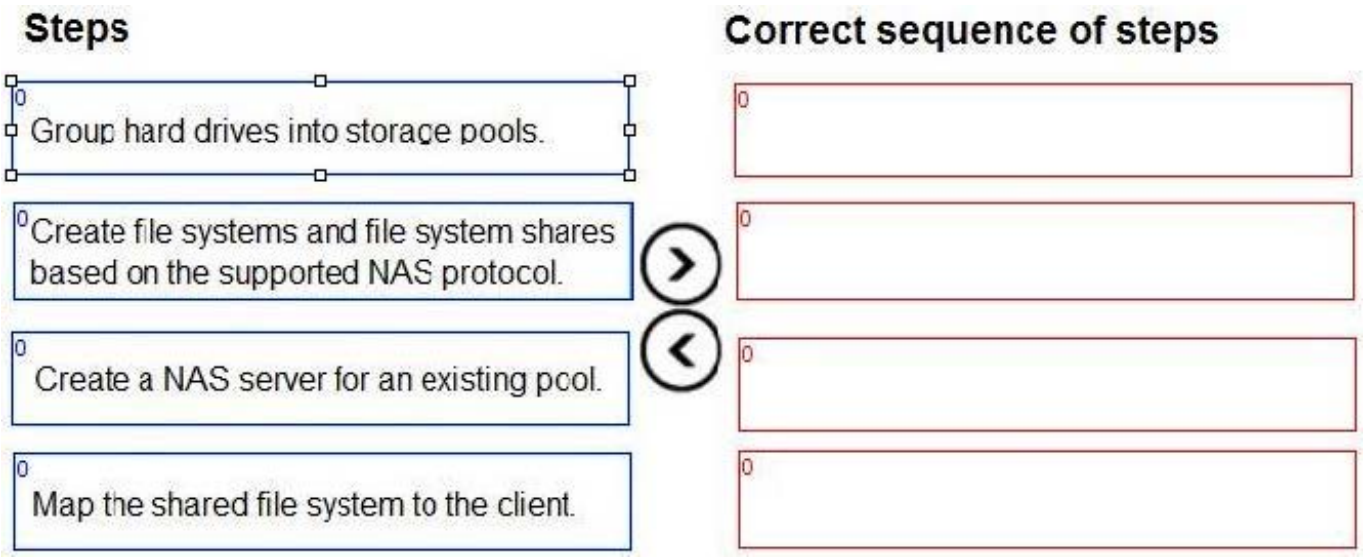
Packet Reflect is a feature that enables the Dell Unity XT system to use the same interface for outbound communication that was used for inbound communication. This feature is useful when the Dell Unity XT system needs to initiate outbound traffic to an external service, such as DNS, NTP, LDAP, or SMTP. By using Packet Reflect, the Dell Unity XT system can avoid routing issues, firewall restrictions, or network address translation problems that may occur when using a different interface for outbound communication. When a NAS server starts outbound traffic to an external service, the Dell Unity XT system uses Packet Reflect to send the packets through the same interface that received the packets from the external service. Therefore, the correct answer is D. Uses Packet Reflect for outbound communication. References: Dell EMC Unity: NAS Capabilities Dell EMC Unity: Unisphere Overview

QUESTION 3

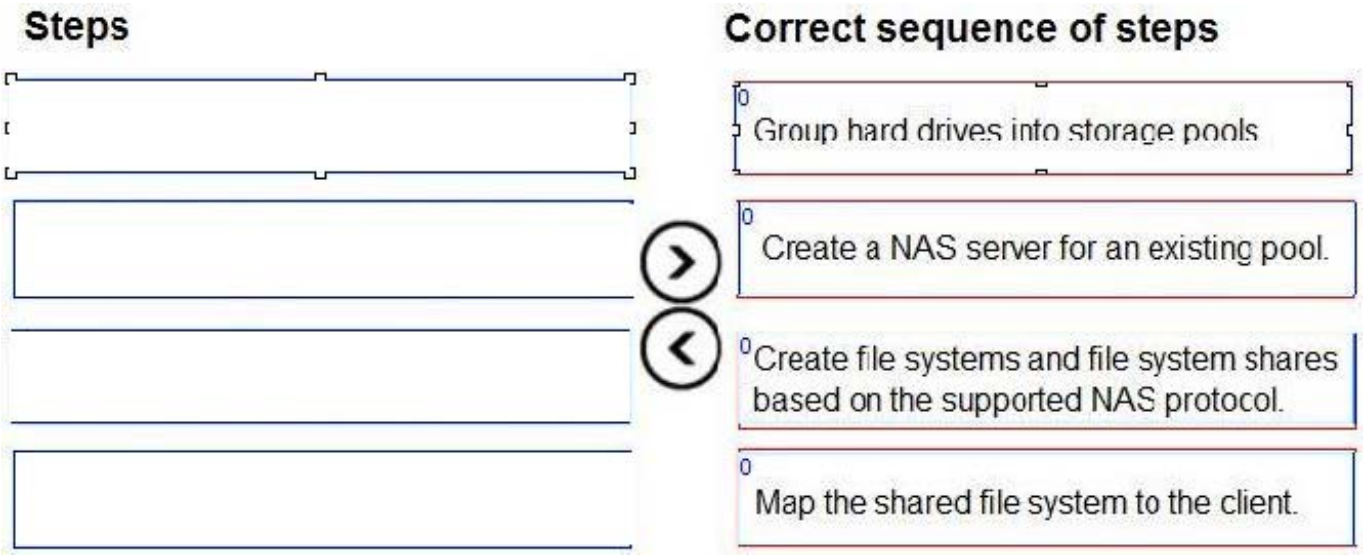
DRAG DROP

What is the correct sequence of steps to provision storage for SMB NAS clients?

Select and Place:



Correct Answer:



The correct sequence of steps to provision storage for SMB NAS clients is:

1.

Group hard drives into storage pools. This allows you to create a pool of storage resources that can be allocated to different types of storage objects, such as NAS servers, file systems, and LUNs.You can create different pools based on the performance and capacity requirements of your applications

2.

Create a NAS server for an existing pool. A NAS server is a logical entity that provides file-level access to clients using SMB, NFS, or FTP/SFTP protocols. You need to create a NAS server before you can create file systems and shares.You can specify the pool, network settings, domain membership, and other properties for the NAS server

3.

Create file systems and file system shares based on the supported NAS protocol. A file system is a logical container that stores files and folders on a NAS server. A file system share is a logical representation of a file system that can be accessed by clients using a specific protocol. For SMB NAS clients, you need to create SMB file system shares that support the SMB protocol.You can configure the share name, permissions, access policies, and other settings for the SMB share

4.

Map the shared file system to the client. This allows the client to access the files and folders on the SMB share using a drive letter or a UNC path.You can use the Windows Explorer or the net use command to map the shared file system to the client

QUESTION 4

A storage administrator must configure replication from a production Dell Unity XT 680F to an offsite DR Dell Unity XT 480. Block resources must be replicated without data loss if the production site becomes unavailable. File resources can

be replicated with an acceptable amount of data difference on the destination.

What replication configuration meets the requirements?

A. Set Unisphere resource filtering to All.

B. Configure the replication connection mode to Both.

C. Set an RPO of 0 on the synchronous replication sessions.

D. Configure the replication interfaces on the 4-port mezzanine card.

Correct Answer: B

To meet the requirements, the replication connection mode must be set to Both, which allows both synchronous and asynchronous replication sessions to be configured on the same connection. This way, block resources can use synchronous replication, which ensures zero data loss, and file resources can use asynchronous replication, which allows some data difference on the destination. Setting Unisphere resource filtering to All is not necessary, as it only affects the display of resources in the Unisphere GUI. Setting an RPO of 0 on the synchronous replication sessions is redundant, as synchronous replication always has an RPO of 0. Configuring the replication interfaces on the 4-port mezzanine card is not relevant, as it only affects the performance and availability of the replication network. References: [Dell EMC Unity: Replication Technologies], [Dell EMC Unity: Unisphere Overview]

QUESTION 5

What is the maximum time difference allowed between the current system time (UTC) and the NTP server time during the initial configuration of a Dell Unity system?

A. 17 min

B. 7 min

C. 5 min

D. 15 min

Correct Answer: A

If the time difference between the current system (UTC) time and the NTP server time is too large (approximately 17 minutes), the user cannot configure an NTP server during initial configuration. The user will need to adjust the time while in "Set time manually" mode before changing to "Enable NTP synchronization". This is to avoid potential issues with data replication, snapshots, and audit logs that rely on accurate time stamps. References: Dell EMC Unity: How to change System Time from `Set time manually\\' option to NTP2, page 1.