Question 1

What is the purpose of a Proxy NAS server?

Options:

A- Access snapshot replicas on the destination side of a replicated file resource.

B- Increase performance for shared network connections that access NAS servers.

C- Increase security of production NAS servers.

D- Access snapshots for testing production NAS servers.

Answer:

A

Explanation:

The purpose of a Proxy NAS server is to access snapshot replicas on the destination side of a replicated file resource. A Proxy NAS server is a temporary NAS server that is created on the destination system to mount a snapshot replica of a replicated file system. This allows the user to access the data on the snapshot replica for testing, recovery, or other purposes. A Proxy NAS server does not

increase performance or security of production NAS servers, nor does it access snapshots for testing production NAS servers.

Question 2

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

Options:

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

Answer:

D

Explanation:

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.Reference:

Dell EMC Unity: NAS Capabilities

Dell EMC Unity: Unisphere Overview

Question 3

Question Type: **MultipleChoice**

Which firewall ports are required to be open for a successful outbound connection when configuring integrated secure connect gateway?

Options:

A- 80 and 443

B- 9443 and 443

C- 443 and 8443

D- 80 and 9443

Answer:

C

Explanation:

The firewall ports that are required to be open for a successful outbound connection when configuring integrated secure connect gateway are 443 and 8443. Integrated secure connect gateway is a feature that enables secure remote access to the Dell Unity system through the Unisphere Central web portal. It requires an outbound connection from the Dell Unity system to the Unisphere Central server over the internet. Port 443 is used for HTTPS communication and port 8443 is used for WebSocket communication.

Question 4

Question Type: MultipleChoice

Which are two features of the Dell UnityVSA? (Choose two.)

Options:

A- NVMe Connectivity

B- iSCSI Connectivity

C- Asynchronous Replication

D- FC Connectivity

E- Dynamic Pools

Answer:

B, C

Explanation:

The Dell UnityVSA is a software-defined storage solution that runs the Dell Unity operating environment on a VMware ESXi server. The Dell UnityVSA provides the same features and functions as the Dell Unity hardware platform, such as block and file storage, snapshots, thin clones, data reduction, replication, and encryption. Some of the features of the Dell UnityVSA are:

iSCSI Connectivity: The Dell UnityVSA supports iSCSI connectivity for block storage access. The iSCSI protocol enables hosts to communicate with the Dell UnityVSA over an IP network and access LUNs as SCSI devices. The Dell UnityVSA can support up to 64 iSCSI interfaces and up to 256 iSCSI sessions per interface.

Asynchronous Replication: The Dell UnityVSA supports asynchronous replication for block and file storage. Asynchronous replication is a feature that copies data from a source storage resource to a destination storage resource over a network at scheduled intervals. Asynchronous replication can be used for disaster recovery, data migration, or backup purposes. The Dell UnityVSA can support up to 256 replication sessions per system.

Dell EMC Unity: Introduction to the Platform

Dell EMC Unity: Deploying VMware vSphere with Dell EMC UnityVSA

Dell EMC Unity: Configuring Hosts to Access Block Storage

Dell EMC Unity: Replication Technologies

Question 5

Question Type: MultipleChoice

Which feature can be configured for a Dell Unity XT file system NFS share?

Options:

A- Access-Based Enumeration

B- Protocol Encryption

C- Host Access Level

D- Distributed File System

Answer:

C

Explanation:

A feature that can be configured for a Dell Unity XT file system NFS share is the Host Access Level. This feature allows the user to specify the access permissions for each host or host group that is allowed to access the NFS share. The access permissions can be set to Read/Write, Read Only, or No Access. The Host Access Level feature can be used to control the security and performance of the NFS share. Access-Based Enumeration, Protocol Encryption, and Distributed File System are features that can be configured for a Dell Unity XT file system SMB share, not NFS share.

Question 6

Question Type: **MultipleChoice**

A storage administrator has a Dell Unity XT 480 system with one pool of flash drives, 192 GB of RAM, and 1.2 TB of FAST Cache.

What is the total cache availability for caching the flash drives?

Options:

A- 3.2 TB

B- 1.39 TB

C- 3.58 TB

D- I6.0 TB

Answer:

C

Explanation:

The total cache availability for caching the flash drives on a Dell Unity XT 480 system with one pool of flash drives, 192 GB of RAM, and 1.2 TB of FAST Cache is 3.58 TB. This is calculated by adding the system memory (RAM), the FAST Cache, and the pool cache. The system memory is 192 GB, which is equivalent to 0.18 TB. The FAST Cache is 1.2 TB, which is a dedicated cache for the flash drives. The pool cache is 2.2 TB, which is a portion of the flash drives that is reserved for caching the pool data. Therefore, the total cache availability is 0.18 + 1.2 + 2.2 = 3.58 TB.

Question 7

What are two prerequisites when creating host configuration for NFS client? (Choose two.)

Options:

A- Tenant information

B- Network Address

C- Subnet access

D- Hostname

Answer:

B, D

Explanation:

Host configuration is the process of defining the host properties and access permissions for a host that connects to the Dell Unity XT system. For NFS clients, the host configuration requires two prerequisites:

Network Address: The network address is the IP address or the subnet mask of the NFS client that identifies the host on the network. The network address is used to register the host on the Dell Unity XT system and to grant access to the NFS filesystems.

Hostname: The hostname is the name of the NFS client that is resolved by the DNS server or the local hosts file. The hostname is used to display the host information on the Unisphere UI and to enable host monitoring and alerting.

Dell EMC Unity: Host Configuration

Dell EMC Unity: File System Configuration and Management