Free Questions for D-UN-DY-23

Shared by Lara on 09-11-2023

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Question 1

Question Type: MultipleChoice

Which I/O modules does the Unity 380/380F system support?

Options:

A- 12 Gb/s SAS
2-Port 100 GbE
B- 32 Gb/s Fibre Channel
10 GbE Base-T
C- 12 Gb/s SAS
10 GbE Base-T
D- 32 Gb/s Fibre Channel
2-Port 100 GbE

Answer:

C

Explanation:

The Unity 380/380F system supports two types of I/O modules: 12 Gb/s SAS back-end and 10 GbE Base-T front-end. The 12 Gb/s SAS back-end module provides connectivity to the disk drives and expansion enclosures, while the 10 GbE Base-T front-end module provides network connectivity to the hosts and clients. The Unity 380/380F system has four I/O module slots, two for each SP. The 12 Gb/s SAS back-end module must be installed in slot 0 of each SP, and the 10 GbE Base-T front-end module can be installed in slot 1 of each SP. Therefore, the correct answer is C. 12 Gb/s SAS 10 GbE Base-T.Reference:

Dell EMC Unity: Hardware Information Guide

Dell EMC Unity: Installation Guide

Question 2

Question Type: MultipleChoice

What is the maximum number of drives on a traditional RAID Group?

Options:

A- 64 drives
B- 16 drives
C- 8 drives
D- 32 drives

Answer:

B

Explanation:

The maximum number of drives on a traditional RAID group depends on the RAID type and the drive type. For RAID 5 and RAID 6, the maximum number of drives is 16 for all drive types.For RAID 1/0, the maximum number of drives is 32 for SAS and NL-SAS drives, and 16 for SSD drives.Reference: Dell EMC Unity: Best Practices Guide2, page 17.

Question 3

Question Type: MultipleChoice

An administrator has configured a Host Group to have access to a storage object.

What are two benefits of this configuration? (Choose two.)

Options:

A- Ensures that snapshots are applied to all LUNs in the group
B- Provides multiple hosts the same access to NFS Filesystems
C- Provides multiple hosts access to the same VMFS Datastores
D- Ensures that block storage is replicated to the same hosts
E- Provides multiple hosts access to the same LUNs

Answer:

C, E

Explanation:

A Host Group is a logical grouping of hosts that share the same access permissions to storage objects, such as LUNs, VMFS Datastores, or NFS Filesystems. By configuring a Host Group, an administrator can simplify the management of multiple hosts and ensure consistent access to the storage resources. Some of the benefits of using a Host Group are:

Provides multiple hosts access to the same VMFS Datastores: A VMFS Datastore is a block-based storage object that is formatted with the VMware File System (VMFS) and used to store virtual machine files. A VMFS Datastore can be shared by multiple hosts that are part of a VMware cluster. By adding these hosts to a Host Group and assigning the VMFS Datastore to the Host Group, the administrator can ensure that all the hosts have the same access permissions and can access the virtual machines on the Datastore.

Provides multiple hosts access to the same LUNs: A LUN is a block-based storage object that is presented to a host as a SCSI device. A LUN can be shared by multiple hosts that have the same operating system and use a cluster-aware file system. By adding these hosts to a Host Group and assigning the LUN to the Host Group, the administrator can ensure that all the hosts have the same access permissions and can access the data on the LUN.

Dell EMC Unity: Host Configuration

Dell EMC Unity: VMware ESXi Hosts and Clusters

Question 4

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 5

Question Type: MultipleChoice

Which is the preferred FC Port for synchronous replication for a Dell Unity XT 380 system?

Options:

A- Fibre Channel Port 0 of I/O module 0
B- Fibre Channel Port 4 of SPA and SPB www*
C- Port 0 of I/O module 1
D- Port 1 of I/O module 0

Answer:

B

Explanation:

The preferred FC Port for synchronous replication for a Dell Unity XT 380 system is Fibre Channel Port 4 of SPA and SPB. This port is dedicated for synchronous replication traffic and has the highest priority and bandwidth allocation. Synchronous replication is a method of replicating data between two Dell Unity systems with zero recovery point objective (RPO). It requires a low-latency and high-bandwidth network connection between the source and destination systems.

Question 6

Question Type: MultipleChoice

In an asynchronous replication, what is the maximum number of replicated NAS servers supported for the Dell Unity XT 380 series?

Options:

A- 64
B- 90
C- 126
D- 256

Answer:

C

Explanation:

The maximum number of replicated NAS servers supported for the Dell Unity XT 380 series in an asynchronous replication is 126. This is the same as the maximum number of NAS servers supported for the Dell Unity XT 380 series in general. Asynchronous replication is a method of replicating data between two Dell Unity systems with a configurable recovery point objective (RPO). It allows the source system to continue normal operations without waiting for the destination system to acknowledge the completion of the replication.

Question 7

Question Type: MultipleChoice

A company has an ESXi host installed with FC HBAs that is connected to a Dell Unity XT storage array. A 500 GB LUN is provisioned to this host from the Unity array and is in production. The VMware administrator has configured a new vSwitch with the NICs on the server intended for iSCSI traffic. The storage administrator is asked to configure software iSCSI and provision a new 1 TB LUN from the storage array using iSCSI.

What is a consideration when satisfying this request?

Options:

A- Two iSCSI target interfaces must be configured with IP addresses from separate subnets.
B- Any single host should connect to any single array using one protocol only.
C- A connection must be established between the host iSCSI initiators and Unity iSCSI targets before provisioning the new LUN.

Answer:

B

Explanation:

Mixing FC and iSCSI protocols for the same host and array is not supported by Dell EMC Unity. This can cause issues with multipathing, failover, and performance. The best practice is to use one protocol per host and array pair.If the host needs to access both FC and iSCSI LUNs from different arrays, then separate vSwitches and port groups should be used for each protocol.Reference: Dell EMC Unity: Best Practices Guide1, page 19.

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