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QUESTION 1

What is the length of RSA keys used to encrypt and decrypt network traffic in a VNX environment?

- A. 2048 bytes
- B. 1024 bits
- C. 1024 bytes
- D. 2048 bits

Correct Answer: D

Explanation:

- Default self-signed certificates
 - ▶ SPA, SPB & Control Station
 - ▶ 2048 bit RSA keys
-

QUESTION 2

Which replication function is used for failover testing or data migrations with the source file system in production?

- A. Switchover
- B. Failover
- C. Reverse
- D. Incremental

Correct Answer: A

QUESTION 3

What happens when a reverse synchronization completes with Protected Restore Mode enabled?

- A. Only the reverse-synchronized clone remains unfractured.
- B. All clones remain unfractured.

- C. Host-to-source LUN writes are mirrored to a clone.
- D. Host-to-source LUN writes are not mirrored to a clone.

Correct Answer: D

QUESTION 4

Which protocols are used for sending VNX notifications?

- A. SSL and SSH
- B. SSH and SMTP
- C. SMTP and SNMP
- D. SSL and SNMP

Correct Answer: C

QUESTION 5

Before creating a CIFS server that will participate in a Microsoft Windows Domain, which EMC best practice should be followed?

- A. Configure NTP synchronization with a KDC
- B. Create placeholder entries in the Active Directory
- C. Populate DNS with the new host entries
- D. Perform a health check on the VNX system

Correct Answer: B

QUESTION 6

You are creating an Ethernet channel that spans two or more switches. Which feature must be supported by the switches?

- A. Cross stack
- B. None; Ethernet channel cannot span switches
- C. Fast port

D. Spanning tree

Correct Answer: A

Explanation:

Cross stack can span an EtherChannel across two switches. All of the links of the EtherChannel will be active at any time. So if you configured an EtherChannel using four ports on a blade and connected two ports to each of two switches configured for cross stack, your traffic would be flowing across all 4 ports.

QUESTION 7

What is the only kind of LUN that VNX Snapshots can use?

- A. Pool LUNs
- B. Traditional LUNs
- C. Clone Private LUNs
- D. Reserved LUNs

Correct Answer: A

QUESTION 8

A company is expanding their storage infrastructure with five new VNXs. They are using VMware ESXi hosts that have access to several datastores on various VNX storage arrays.

Based on EMC best practices, what is a recommended configuration?

- A. Each host should use LUNs from no more than four VNXs
- B. Each datastore should have its own storage group for each host
- C. Each host should be connected to each storage array using four zones
- D. A maximum of four LUNs per storage group should be used

Correct Answer: A

QUESTION 9

After presenting a LUN to a Linux host, which utility is used to configure a partition?

- A. fdisk
- B. Disk Management
- C. Unisphere Server Utility
- D. Unisphere Service Manager

Correct Answer: A

QUESTION 10

An administrator exports a newly created file system and finds two directories, called etc and lost+found. The administrator does not want these directories to appear in the export. What should the administrator do to address this issue?

- A. The administrator should delete the directories
- B. Create a subdirectory below the root of the file system and export it
- C. Nothing, this is normal and these two directories will show in all exports
- D. The administrator should change the attribute of these directories to hidden

Correct Answer: B

Explanation: When an udfs file system is created, by default it contains at its root level two key directories; .etc and lost+found. These directories are extremely important to the function and integrity of the file system. The .etc directory contains configuration files and lost+found contains files that are restored after a system crash, or when a partition has not been unmounted before a system shutdown. In order to keep these directories safe, export a directory instead of the root file system. This procedure hides these directories protecting them from being removed, or accessed by non-administrators users on the enterprise network.

QUESTION 11

What is a valid characteristic of striped metaLUNs?

Striped metaLUNs:

- A. must be built from the same RAID types and sizes
- B. can mix thick and thin LUNs
- C. cannot be expanded once created
- D. components have a varying performance profile

Correct Answer: A

QUESTION 12

By default, what do you have to install on an ESX 4.x host to auto register with a VNX for Block storage system

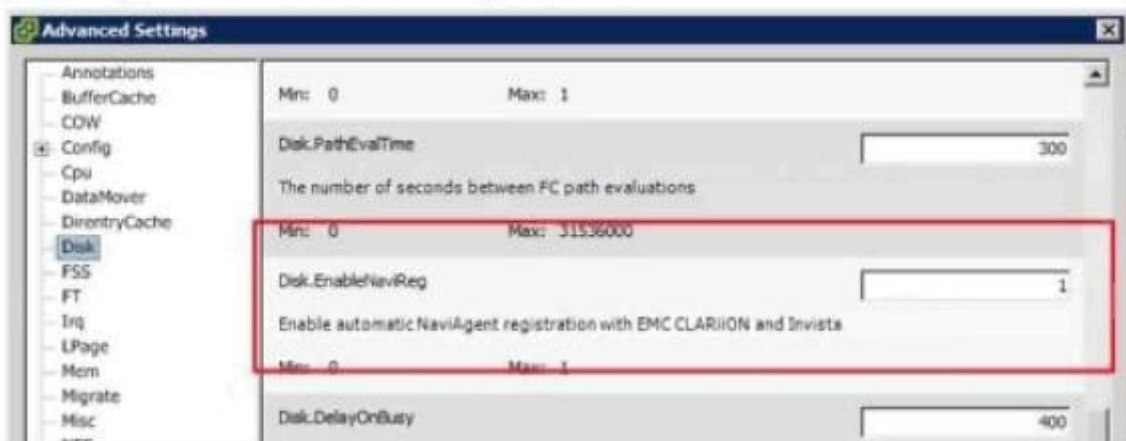
- A. Only Navisphere Secure CLI on the ESX host
- B. Both Unisphere Host Agent and Navisphere CLI on the ESX host
- C. Only Unisphere Host Agent on the ESX host
- D. Nothing; the host will automatically register with the VNX storage system

Correct Answer: D

Explanation:

Unisphere Auto-Registration with ESX 4.x

- Storage management process made easier
 - ▶ Auto push/registration
 - ▶▶ Support was discontinued for a Navisphere Agent on ESX 4.x server
 - ▶▶ ESX 4.x Native multipath and PowerPath will push/register to VNX block on both console and console-less ESX 4.x server through Disk.EnableNaviReg property
 - ▶▶ Supported on VNX storage systems

**QUESTION 13**

Where can CPLs be created?

- A. Traditional LUNs
- B. Thick LUNs
- C. Thin LUNs
- D. Clone groups

Correct Answer: A

QUESTION 14

The preferred path to your VMware ESX host failed. Which native multi-pathing policy will revert to the preferred path when it is restored?

- A. Fixed only
- B. MRU only
- C. Round-robin
- D. Both Fixed and MRU

Correct Answer: A

Explanation:

Native ESX/ESXi Multipath is managed via the configuration of a failover policy. Policy options are:

MRU (Most Recently Used) uses last active path, and does not fail back when a path is restored

Fixed (Preferred path) reverts back to preferred path when it is restored to service

Round Robin rotates the path selection between all available paths and enables basic load balancing across the paths.

This algorithm is not adaptive, so it will flip from one channel to the other with no regard for the work load unlike PowerPath, nor is it responsive to queue depth. Note. Prior to vSphere, there was no way to load balance a LUN indigenously and customers needed to statically distribute LUNs across paths.

QUESTION 15

When a client sends a read request to a VNX, what happens to the requested data if it is found in FAST Cache?

- A. First sent to multi-core cache and then read back to the client
- B. Read back to the client directly from FAST Cache
- C. First copied to physical disks and then read back from FAST Cache
- D. First promoted from physical disks and then read back to the client

Correct Answer: A

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