

# E20-820

## EMC

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**QUESTION: 1**

Your customer recently changed from using MirrorView for all its distance replication to using MirrorView/A. Its scripts took care of promotion in the case of a failure, and ran without incident when tested in the MirrorView environment. Those same scripts now fail, with errors which the customer says are related to permissions. What is a possible cause of the failure?

- A. Theagent.config file does not exist in the user home directory
- B. The user names and host names do not appear in the privileged user list
- C. Theagent.config file does not exist in the Navisphere Agent directory
- D. The Navisphere security file does not exist in the user home directory

**Answer: D**

**QUESTION: 2**

YOY Company wants to use MirrorView Asynchronous. YOY wants to use double remote copies from primary volumes applications running on an existing CX700. In order to do this, YOY plans to buy two CX500s at separate geographical sites. You are responsible for providing a solution based on MV/A with two secondary remote copies as requested by YOY. Can you design this solution?

- A. Yes, you can achieve the customer's requirements based on the M/VA Fan-out rule.
- B. Yes, you can achieve the customer's requirements based on the MV/A fan-out rule but only if YOY buys two CX700s instead of CX500.
- C. No, you cannot achieve the customer's requirements based on the MV/A Fan-out rule but only if YOY buys an extraSnapView license for the remote CX.
- D. No, you cannot achieve the customer's requirements based on the MV/A Fan-out rule.

**Answer: D**

**QUESTION: 3**

ZDR Corporation has a CX700 at a primary site and a CX500 at a DR site which is 250 miles away. ZDR does not want to impact the production LUN while copying to the DR site and it still needs to maintain a recoverable copy of data at all times. ZDR's backup policy is to write data every 30 minutes to the DR site. The company has a T3 line between the sites. The data change ratio is 15%. What is the best solution?

- A. MirrorView/A
- B. MirrorView

- C. SnapView /Snapshot
- D. SAN Copy

**Answer:** A

**QUESTION: 4**

MQT, Inc. divided each of its DAEs into an eight disk RAID Group, a six disk RAID Group, and a one disk RAID Group. MQT uses the eight disk group to bind 4+4 RAID-1/0 LUNs, which are the Source LUNs for its application. The company intends to use the six disk group to bind 5+1 RAID-5 LUNs for use as Clones. The remaining disk is used as a Hot Spare. All of MGT's Source LUNs are bound as either 625 MB or 513 MB in size. It binds the Clones as 625 MB and 513 MB. When MGT wishes to start the cloning process, it discovers that it cannot create Clone Groups. What is the likely cause of the problem?

- A. The CLARiiON does not have two Clone Private LUNs allocated
- B. 5+1 RAID-5 LUNs cannot be used as Clones for 4+4 RAID-1/0 Source LUNs
- C. LUNs on RAID Groups with different stripe sizes are not the same size
- D. The memory size allocated for write cache is too small to allow Clones

**Answer:** A

**QUESTION: 5**

The BMU Company runs an application with several LUNs that it wants to replicate remotely. You obtain the following information:

There are five 4+1 RAID-5 LUNs of 256 GB each

There are two RAID-1/0 LUNs of 128 GB each

The application uses 4 KB random I/Os on the RAID-5 LUNs, with a read/write ratio of 4:1

On the RAID-1/0 LUNs, the application writes sequential 4 KB I/Os, with no reads

Each LUN is on its own RAID Group, consisting of 146 GB drives

Average seek distance on the RAID-5 LUNs is 35 GB

Average seek distance on the RAID-1/0 LUNs is 0 GB

Each RAID-5 LUN performs 400 IOPs

Each RAID-1/0 LUN performs 500 IOPs

RPO is 30 minutes Assume a 2:1 compression ratio for all data.

What is the link speed needed to connect the MirrorView/A sites?

- A. 208 Mbps
- B. 104 Mbps
- C. 52 Mbps

D. 156 Mbps

**Answer: C**

**QUESTION: 6**

You designed a CLARiiON configuration on a metaLUN with ATA disks because the customer was convinced that this configuration would save both space and costs. Your design involved concatenating metaLUNs to allow more scalability on space utilization. The Customer's application runs only in single-thread with a large block size. After the solution was implemented, the customer complained about performance. What do you change to solve the poor performance problem?

- A. Use Volume Manager to create multithreading
- B. Recreate metaLUN with an ESM of 2
- C. Use striped metaLUN to increase performance
- D. Change the disk technology

**Answer: A**

**QUESTION: 7**

This EMC product uses patented replication technology to make it easy to protect data in Windows environments. It can make 1-to-n copies of Windows production data in WAN or LAN environments, with no limitations on the distance between Windows servers. Any data written to disk by the server can be captured and replicated to one or more secondary disks, for any Windows application stored on any EMC CLARiiON array. What is it?

- A. MirrorView A
- B. SAN Copy
- C. Incremental SAN Copy
- D. LegatoRepliStor

**Answer: D**

**QUESTION: 8**

LMA Manufacturers is complaining about application performance issues. You capture a NAR file during a peak period and notice the following about its 4+1 RAID-5 LUN:  
Reads and writes are 64 KB in size

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