Exam Code: e20-815

Exam Name: Business Continuity Expert Exam for

Technology Architects

Vendor: EMC

Version: DEMO

Part: A

1: TXD, LTD wants to have SRDF implemented in its current infrastructure. TXD asked you to validate that it can implement SRDF in a Campus mode without purchasing new equipment. It has two Symmetrix systems; one system has ESCON cards and the other has Free Fiber ports. TXC wants to purchase a new site close by and it needs to know its limitations on the distance. What are three [3] cost effective considerations that you must make in this environment?
A.Distances that need to be spanned
B.The need for Fiber Channel to IP conversion equipment
C.The infrastructure of the site to include ESCON, Fiber Channel, or both
D.The write I/O profile of the combined applications that will use SRDF for each Symmetrix system
Correct Answers: A C D

2: BNF, Inc. currently has a Symmetrix. BNF wants to introduce SRDF through a SAN. What are two [2] Symmetrix RA considerations when implementing SRDF in this environment?
A.Take in to account any single points of failure
B.Make sure that the SRDF bit settings are applied
C.Ensure that the FA processor has both ports available
D.Ensure that all FA ports on a card are set to switched SRDF
Correct Answers: A C

3: What are the three [3] key factors that affect performance when designing a Replication Manager/Local TimeFinder/SNAP implementation?
A.Application I/O profile
B.Replication scheduling
C.Number of Virtual Devices
D.Number of replicas to keep
E.Size and placement of storage pool
Correct Answers: A C E

4: CKG Corporation will implement an SRDF solution. The SRDF solution will utilize FC-SW from the array and DWDM for replication to a data center 170 kilometers away. Which BB_Credits allocation is the best practice for this configuration?
A.Array ports on each end of replication are capable of using high BB_Credits
B.Array ports on each end of replication are capable of using limited BB_Credits
C.ISL ports on either side of long haul DWDM are capable of using high BB_Credits
D.ISL ports on either side of long haul DWDM are capable of using limited BB_Credits
Correct Answers: C

5: You have collected data for an SRDF/A study and presented the results to the customer. They do not understand why the bandwidth requirements are identical for both synchronous and asynchronous. What is the reason?
A.The write IO rate is identical; therefore bandwidth is identical

B.Bandwidth requirement is influenced by remote adapter type

C.The collection mechanism cannot determine locality of reference

D.The bandwidth for synchronous and asynchronous are always identical
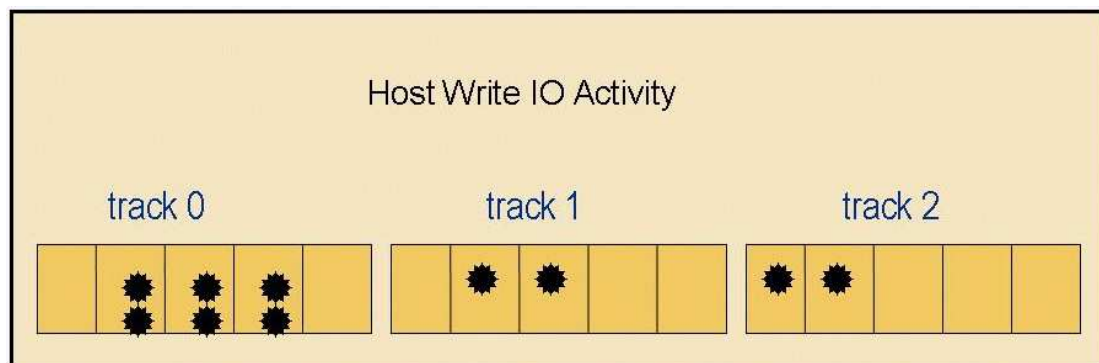
Correct Answers: C

6: In an SRDF/S solution, the host's write response time is longer than that in a non-SRDF/S environment. Which three [3] factors directly affect response time calculations?

A.Data transfer time

B.Signal propagation delay

C.Protocol converter/channel extender delay

D.Non-SRDF writes to the Source Symmetrix

E.TimeFinder activity in the Source Symmetrix

Correct Answers: A B C

7: Click the Exhibit button.

GRW, Inc. recently converted from SRDF/S to SRDF/A. GRW notices that the SRDF write activity has changed. The diagram shows sample write activity from the host. Using the sample data, how many write I/Os will be sent across the link for both SRDF/S and SRDF/A?

Host Write IO Activity

track 0   track 1   track 2

A.3 for SRDF/S and 1 for SRDF/A

B.7 for SRDF/S and 5 for SRDF/A

C.10 for SRDF/S and 3 for SRDF/A

D.10 for SRDF/S and 7 for SRDF/A
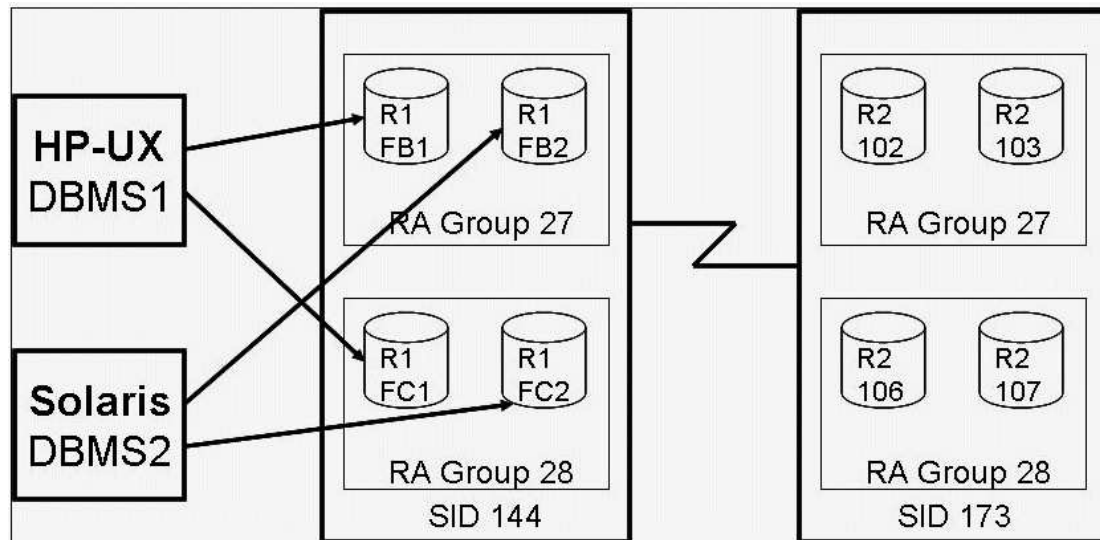
Correct Answers: C

8: Company ABC is considering a DMX2000 as a source for SRDF/AR. The data will be remotely replicated over an OC-12 to a Symmetrix 8830 using a symreplicate cycle. Each array will have two remote adapter ports for SRDF data transfer. The network administrator is trying to determine the network compression factor of the data as it passes through the GIG-E port on the DMX2000. Which factor should be applied to the design?

A.0

B.1.5:1

C.2:1

D.3:1

Correct Answers: A

9: Click the Exhibit button.

Review the scenario shown in the graphic. BND, Inc. wants to implement SRDF/A with Multi-session Consistency (MSC) for DBMS1.A composite group with FB1, FB2, FC1, and FC2 has been created. This group was enabled for SRDF consistency. What will provide consistency protection for the two DBMS in this scenario?
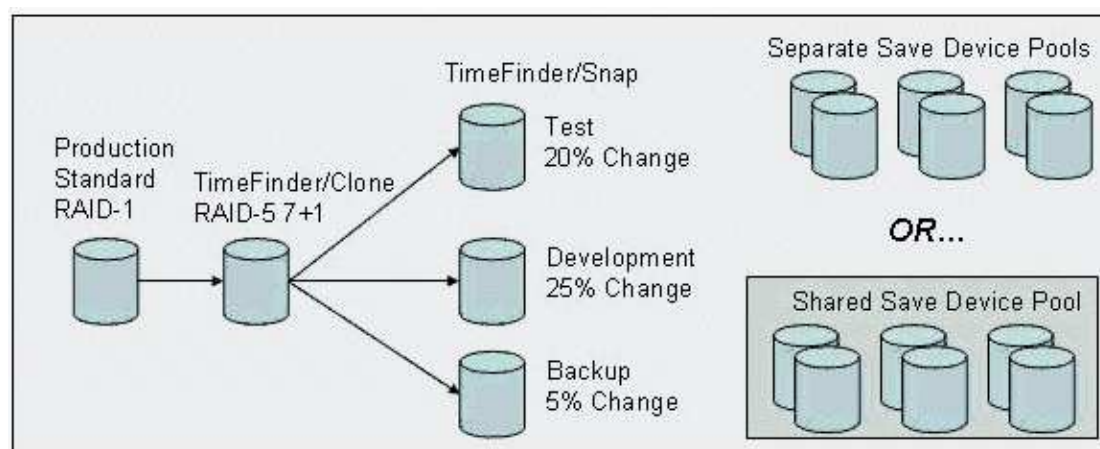

A.SRDF

B.Enginuity Consistency Assist

C.PowerPath on HP-UX or Solaris

D.RDF Daemon on HP-UX or Solaris

Correct Answers: D

10: Click the Exhibit button.

BDC, LTD has a DMX3000 with 5671 Enginuity microcode. You propose the configuration shown in the diagram with either one shared Save Device Pool or separate Save Device Pools for the test, development and backup applications. What are two [2] disadvantages of having separate Save Device Pools instead of one shared Save Device Pool?

A.Separate pools allows Save Devices of different sizes to be used

B.The Development team cannot share their data with the Test team

C.Monitoring and growth management of separate pools is more complex

D.Easier to charge the Test and Development teams for the amount of space used

E.If the Development team uses all of their pool space they cannot use the Test team's pool

Correct Answers: C E