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Real IT Certification Exam Study guide/Braindumps

Exam : **E20-326**

Title : Symmetrix Solutions Design
Exam for Technology
Architects

Vendor : EMC

Version : DEMO

NO.1 You are designing a new disaster recovery solution with VMAX arrays.

During the initial project kick-off meeting, the customer reports the maximum allowable downtime for their applications is ninety minutes, but they have not yet determined how much data recovery following a disaster their environment can tolerate.

The customer asks which remote replication method you recommend for their environment.

What do you recommend?

- A. Defer making a recommendation until the application RPO is known.
- B. Recommend the disaster recovery solution as described in the Sales Order.
- C. Defer making a recommendation until the application RTO is known.
- D. Recommend the disaster recovery solution described in the Statement of Work.

Answer: A

NO.2 What is a valid action when a Symmetrix VMAX thin pool is nearly full?

- A. Add new data devices and rebalance
- B. Limit the oversubscription ratio
- C. Initiate a "pool full" warning for the pool
- D. Examine the pool ingress and egress rates

Answer: A

NO.3 Your customer is adding a new database application. You are asked to design a solution to expand the current SRDF/S implementation on the customer's two Symmetrix VMAX arrays to account for this growth. As part of the sizing, you notice that the two RA ports are at 85% utilization. What should you tell your customer that the solution requires?

- A. At least two more RAs are required
- B. At least one more RA is required
- C. No additional hardware is required
- D. More memory is required

Answer: A

NO.4 When using Clone Emulation, which TimeFinder/Clone command represents the symmir establish command?

- A. symclone create -precopy -differential
- B. symclone create -precopy -incremental
- C. symclone establish -copy
- D. symclone activate -copy

Answer: A

NO.5 A company plans to deploy Symmetrix VMAX arrays in their VMware vSphere environment. The ESXi hosts will be connected to the VMAX arrays over a FC SAN.

Which VMAX FA port flag is optional?

- A. SCSI Support
- B. SPC-2
- C. Unique worldwide name (UWN)

D. Common Serial Number (C)

Answer: A

NO.6 A customer is interested in utilizing TimeFinder/Snap to generate a backup copy of an application every six hours. In order for you to calculate the SAVE Pool requirements you will need to run Change Tracker. To which value should you set the reset interval length for DeltaMark?

- A. 21600
- B. 10800
- C. 86400
- D. 32400

Answer: A

NO.7 A customer wants to implement virtual provisioning on a new VMAX array and is concerned about efficient use of available storage and application performance.

The VMAX environment will have file system, database and document repository hosts. The customer reports the system hosts append data to the file system, the database hosts use auto-extend and the document repository hosts have low performance and growth requirements.

How should you recommend the host storage be provisioned on the VMAX array?

- A. File system storage on traditionally provisioned volumes; database and document repository storage on thin volumes.
- B. File system, database and document repository storage on thin volumes.
- C. File system and database storage on thin volumes; document repository storage on traditionally provisioned volumes.
- D. File system, database and document repository storage on traditionally provisioned volumes.

Answer: A

NO.8 Which SRDF/A feature is recommended for improving resiliency from link outages?

- A. Delta Set Extension
- B. Increased cache size
- C. Link Limbo Timer
- D. Write Pacing

Answer: A

NO.9 Which operations are allowed by Open Replicator/LM?

- A. Online pull only
- B. Offline pull only
- C. Online push only
- D. Offline push only

Answer: A

NO.10 A customer is planning a technology refresh. The proposed migration will make use of Open Replicator Hot Pull.

Which Open Replicator Hot Pull feature allows them to minimize the possibility of data loss during

the migration?

- A. Donor Update
- B. Symmetrix Differential Data Facility
- C. Protection Bitmap
- D. Symmetrix Track Table

Answer: D

NO.11 A customer has a Symmetrix VMAX storage array configured with 99.9% utilization of raw storage capacity. The frame is configured with storage pools as shown in the exhibit. Note the following:

- Pool P00400GE00R5 is 400 GB SSD RAID 5
- Pool P02002TS72R6 is 2000 GB SATA RAID 6
- Pool P01450GF15R1 is 450 GB FC 2-Way-Mir
- SRDF/A replication suspends regularly

SYMMETRIX THIN POOLS							
Pool Name	Dev Emul	Dev Config	Total GBs	Enabled GBs	Alloc GBs	Alloc (%)	Subs (%)
P00400GE00R5	FBA	RAID-5(3+1)	17583.6	17583.6	14554.4	82	0
P02002TS72R6	FBA	RAID-6(14+2)	343426.1	343426.1	162128.2	47	0
P01450GF15R1	FBA	2-Way Mir	240666.0	240666.0	128244.6	53	315
Total GBs			601675.8	601675.8	304927.3	50	126

Investigation shows that write pending values are too high for the R1 volumes. I/O requirements for the DSE pool are computed. If DSE is used, where and how should the pool be built?

- A. Drain selected FC TDAT volumes in 80 RAID sets Delete selected FC TDAT volumes Create 2-way-mir volumes on FC disks for DSE pool
- B. Drain selected SATA TDAT volumes in 10 RAID sets Delete selected SATA TDAT volumes Create 2-way-mir volumes on SATA disks for DSE pool
- C. Drain selected EFD TDAT volumes in 12 RAID sets Delete selected EFD TDAT volumes
- D. Create 2-way-mir volumes on EFD disks for DSE pool Drain selected FC TDAT volumes in 80 RAID sets Delete selected FC TDAT volumes Create 3+1 R5 volumes on FC disks for DSE pool

Answer: A

NO.12 A Symmetrix VMAX hosts four applications. Each application is assigned a named dynamic cache partition. Two of the partitions are static and two are flexible. The write pending limit for each partition is set to 60%.

What will happen if an application running in a static partition reaches the write pending limit set for that partition?

- A. Cache will be borrowed from a flexible partition
- B. Cache will be borrowed from the default partition
- C. Host write activity to that partition will be throttled
- D. The write pending limit of the partition will be raised until it reaches 80%

Answer: C

NO.13 What is the maximum recommended distance for an SRDF/S over CWDM deployment?

- A. 50 km
- B. 100 km
- C. 150 km
- D. 200 km

Answer: B

NO.14 A TimeFinder/Snap of production data must be recreated in a two hour cycle throughout the day. Which change tracker report will provide the best data for modeling a solution for the twenty-four hour period?

- A. Delta report reset every two hours
- B. SUM report over two hours
- C. Delta report reset every twenty four hours
- D. SUM report over twenty four hours

Answer: A

NO.15 What is a Capacity Available for Active Replication (CAAR) consideration when using TimeFinder on a Symmetrix VMAX?

- A. TimeFinder VP Snap requires 2X protection slots for source and 1X protection slots for up to 16 targets
- B. TimeFinder/Snap requires protection slots for both source and target
- C. TimeFinder/Snap source requires 2X the protection slots of the target
- D. TimeFinder VP Snap requires 2X protection slots for both source and target for up to 32 targets

Answer: A