

E20-326^{Q&As}

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QUESTION 1

Which encoding scheme is used by 10 Gb/s fibre channel transmission?

- A. 64b/66b
- B. 8b/10b
- C. 16b/18b
- D. 32b/34b

Correct Answer: A

QUESTION 2

A customer has several internal organizational units with very different requirements for their unique lines of business applications. Which approach provides the most optimal system performance?

- A. Continue to distribute the BCV/Clones/Pools across the front end, back end, engines, and disk.
- B. Segregate the BCV/Clones/Pools across the front end, back end, and engines to optimize each workload on its allocation of system elements.
- C. Continue to distribute the BCV/Clones/Pools across the front end, back end, engines, and disk only if the workloads are highly concurrent.
- D. Segregate the BCV/Clones/Pools across the front end, back end, and engines if the workloads are highly concurrent.

Correct Answer: A

QUESTION 3

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.

Correct Answer: A

QUESTION 4

What is a supported mode combination for disk-based Cascaded SRDF?

- A. First leg - SRDF/S Second leg - SRDF/A
- B. First leg - SRDF/A Second leg - SRDF/A
- C. First leg - SRDF/S Second leg - SRDF Adaptive Copy Write Pending Mode
- D. First leg - SRDF/S Second leg - SRDF/S

Correct Answer: A

QUESTION 5

Which information is needed when designing an Open Replicator solution?

- A. Remote array serial number and devices, control and remote front end ports.
- B. Remote array serial number, Open Replicator control host, SRDF device pairing file.
- C. TDATs to replicate, remote array serial number, Tier Advisor.
- D. SYMMERGE, TDATs to replicate, Open Replicator software.

Correct Answer: A

QUESTION 6

Which FAST VP control parameter defines the amount of time FAST VP should wait after a thin device is brought under FAST VP control before performing a data movement?

- A. Initial Analysis Period
- B. Workload Analysis Period
- C. Pool Reserved Capacity
- D. Fast VP Relocation Rate

Correct Answer: A

QUESTION 7

What is one of the benefits of virtual provisioning?

- A. eliminates the need for an auto-provisioned port group.
- B. wide striping distributes I/O across physical disks.

- C. provides newer commands such as the symcfg command.
- D. reduces return on investment.

Correct Answer: B

QUESTION 8

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

Correct Answer: A

QUESTION 9

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 flexible partition reaches the write pending limit set for that partition?

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

Correct Answer: A

QUESTION 10

Prior to starting an implementation, which tool should be used to automate the data collection on a UNIX host?

- A. EMCGrab
- B. EMCReports
- C. E-Lab Advisor
- D. Change Tracker

Correct Answer: A

QUESTION 11

You have been working with a customer on a new SRDF/A design and need to validate the configuration using Symmetrix data. Which tool do you use?

- A. SymmMerge
- B. Tier Advisor
- C. E-lab Advisor
- D. Analyzer Helper

Correct Answer: A

QUESTION 12

When terminating a TimeFinder/Snap session, what is the effect on the ability to access the data on the VDEV?

- A. A host mount is required to access the data on the virtual device.
- B. The hold on the target device is removed while the data remains available.
- C. The data is available to the host if a mount is issued with the force flag.

D. The data is no longer available on the virtual device.

Correct Answer: D

QUESTION 13

You need to model several SRDF/A workloads that require data consistency across all the sessions. How would you model the multiple SRDF/A sessions?

- A. In BCSD, link them by creating a Composite Group
- B. In SymmMerge, link them by creating a Composite Group
- C. In BCSD, link them by creating a Logical Relationship
- D. In SymmMerge, link them by creating a Logical Relationship

Correct Answer: A

QUESTION 14

You are designing a Symmetrix VMAX SRDF/S over Fibre Channel solution. The production and remote data centers are 50 km apart.

What is the expected write response time delay due to latency?

- A. 0.25 ms
- B. 0.5 ms
- C. 1 ms
- D. 2 ms

Correct Answer: B

QUESTION 15

A proposed SRDF/S solution was modeled with BCSD using host-based data. The BCSD model assumed two-engine VMAX arrays with SRDF Fibre ports. The RA Utilization chart shows a maximum utilization of 45%. The Volume Exceptions table lists five devices.

What should be recommended?

- A. Change the application layout
- B. Add more remote adapters
- C. Use three-engine VMAX arrays
- D. Turn on software compression on the remote adapters

Correct Answer: A

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