Free Questions for HCE-3700 by vceexamstest

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Question 1

Question Type: MultipleChoice

A customer has a VSP G800 storage system with an HDT pool with internal SAS drives and a virtualized thirdparty array using SATA RAID 6. The virtualized array is connected to the VSP G800 using four 8 Gbps FC paths. The customer reports performance problems on an OLTP application deployed on a virtualized server using the HDT pool.

What are two reasons for this problem? (Choose two.)

Options:

A- The workload includes significant random writes to SATA over RAID 6.

B- The tier relocation is not assisting the OLTP application.

C- The size of Tier 1 is not sufficient to accumulate all of the hot pages.

D- The speed of the FC links is insufficient.

Answer:

A, D

Question 2

Question Type: MultipleChoice

You are deploying an external storage system and its connection to a VSP G1000. The VSP G1000 has four external pools. You must ensure balanced utilization of the external storage system parity groups within each pool.

What would you do to satisfy this requirement?

Options:

A- Use only one external volume per external parity group with the default UVM queue depth.

B- Slice each external parity group to provide a pool volume for each pool.

C- Ensure that volumes from a parity group in an external system are exclusively associated with the same external parity group in the storage system connected to the host.

D- Provide eight paths for each volume presented by the external storage system to the storage system connected to the host.

Answer:

C

Question 3

Question Type: MultipleChoice

Which three statements are true regarding the Hitachi external storage architecture? (Choose three.)

Options:

A- Enabling Cache Mode increases exposure to problems with high Cache Write Pending.

B- Enabling Cache Mode allows destaging asynchronously from host I/O.

C- Enabling Cache Mode always improves performance.

D- A System Option mode can force in sequence destaging even when destaging asynchronously.

E- Disabling Cache Mode for an external LDEV eliminates the use of cache.

Answer:

A, B, D

Question 4

Question Type: MultipleChoice

A user with a diskless VSP G800 uses ShadowImage from the G800 with a virtualized VSP G200 system.

Application performance suffers during the frequent ShadowImage resynchronization operations.

What should be done to reduce the impact of the ShadowImage throughput in this scenario?

Options:

A- Configure both sets of disks into an HDT pool and let the HDT scheme manage the different workloads.

B- Define the ShadowImage target volumes to use dedicated external FC paths using dedicated RAID groups.

C- Set Copy to 15.

D- Increase the VSP G800 cache size to improve the application cache hit rates.

Answer:

A

Question 5

Question Type: MultipleChoice

When testing an external LUN with default mapping on two paths, performance appears constrained and the utilization of the RAID group in the external storage system never exceeds 35% busy no matter how many test threads are generated. You want to increase the utilization of the external RAID group.

Which two actions will accomplish this task? (Choose two.)

Options:

A- Increase the external path LUN queue depth setting.

B- Increase the number of LUNs mapped from the external RAID group.

C- Change Cache Mode to "Disabled".

D- Increase the server HBA LUN queue depth to 64.

Answer:

A, C

Question 6

Question Type: **MultipleChoice**

Relocation cycles are regulatory failing to complete in an HDT implementation where the customer is also reporting lower than expected performance.

What should be done in this scenario?

Options:

A- Change to Continuous mode and increase the monitor period cycle time.

B- Change to Period mode and increase the monitor period cycle time.

C- Change to Period mode and reduce the monitor period cycle time.

D- Change to High-Performance mode and reduce the monitor period cycle time.

Answer:

B

Question 7

Question Type: **MultipleChoice**

Immediately after migrating to a new HDT pool, Hitachi Tuning Manager shows that Tier 1 SSD, Tier 2 SAS, and Tier 3 NL-SAS are not busy for performance but Tier 1 and Tier 2 are over utilized for capacity. From this analysis, which action should be performed?

Options:

A- Re-asses after HDT performs page migration cycles.

B- Add more drives to Tier 1.

C- Add more drives to Tier 1 and Tier 2.

D- Remove the SSD tier.

Answer:

C

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