HCE-3700^{Q&As}

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QUESTION 1

A customer is replicating VSP G1000 production data using HUR. The customer experiences a network outage. During the outage, the customer reported an increase in response times.

Which two actions would minimize this problem during future network outages? (Choose two.)

A. Leave the HUR SOM in the default setting.

B. Set the SOM that suspends pairs during outages.

C. Add volumes in the journal.

D. Increase the size of the Journal Pool capacity by adding additional parity groups.

Correct Answer: BD

QUESTION 2

A VSP G800 HDT pool contains FMDs, NL-SAS drives, external storage with 15K 600 GB SAS drives, and external storage with 10K 900 GB SAS drives.

Which tier level contains the NL-SAS drives in this configuration?

A. 1

B. 2

C. 3

D. 4

Correct Answer: A

QUESTION 3

Your customer has a VSP G1000 with an HDT pool with two tiers (SAS 15K and SAS 10K). The response times have increased over time to an unacceptable level. They want to add a flash tier and they ask you if this solution will be appropriate.

Which tool should you use to satisfy the requirement?

A. Hitachi Server Priority Manager

B. Hitachi Tiered Storage Manager

C. Hitachi Universal Volume Manager

D. Tier Properties Performance Graph

Correct Answer: D

QUESTION 4

You need to run a benchmark test to verify the performance of a new multi-user database storage implementation before loading the real data.

What are three features you will need in the benchmark/workload generator to accomplish this task? (Choose three.)

A. variation of thread count

B. variation of sequential and random access

C. variation of RAID level

D. variation of HBA queue depth

E. variation of read and write

Correct Answer: CDE

QUESTION 5

A customer using a small block interactive workload on a VSP G200 complains about poor application performance. They use an FC SAN which consists of 8 Gbps and 16 Gbps FC switches.

What are two causes of the performance issue? (Choose two.)

A. Front-end ports of the VSP G200 are connected to the 8 Gbps FC switch.

B. The front-end FC ports are used by another bandwidth-intensive application.

C. The host HBA has an insufficient queue depth setting.

D. The multi-pathing software uses round robin balancing algorithm.

Correct Answer: BC

QUESTION 6

A customer has an HDP pool with four array groups and 600 GB SAS drives operating at 85% utilization. Four array groups of the same configuration were added to the pool.

In this scenario, which metric should be reviewed to validate optimal pool performance?

A. pool total IOPS

B. pool I/O profile

C. pool array group utilization

D. pool read/write ratio

Correct Answer: C

QUESTION 7

What are two appropriate criteria for evaluating a batch job performance? (Choose two.)

A. elapsed time and/or throughput (MBs, IOPS)

B. storage response time

C. customer requirements

D. host initiators utilization

Correct Answer: AB

QUESTION 8

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?

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.

Correct Answer: A

QUESTION 9

You are planning for a performance upgrade for a transaction application.

Which three metrics are necessary to determine the required back-end storage configuration in this scenario? (Choose three.)

A. cache read hit ratio

B. read/write ratio

C. transfer rates

D. queue depth

E. IOPS

Correct Answer: ABE

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QUESTION 10

A VSP G1000 performance analysis shows that server response times for virtualized volumes are high, 100 ms and higher, but HDD utilization rates in an external HUS 150 never exceed 35%. There are no processor or path constraints in the configuration. The workload is steady and stable.

Which two actions will optimize this configuration? (Choose two.)

A. Increase the external path LUN queue depth in the VSP G1000.

B. Spread the server load across more and smaller LUNS per RAID group in the HUS.

C. Break up each HUS LUN into several smaller volumes in the VSP G1000.

D. Migrate the HUS LUNs to RAID groups with faster HDDs.

Correct Answer: AB

References: https://manualzz.com/doc/13486869/optimize-hitachi-storage-and-server-platforms-in-vmware-v...

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