HCE-3700^{Q&As}

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QUESTION 1

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 2

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

QUESTION 3

Which three key metrics are required for sizing applications? (Choose three.)

A. cache read hit ratios

B. IOPS

C. I/O read/write ratios

D. number of BED pairs

E. port speed

Correct Answer: ABC

QUESTION 4

How does the HDLM Extended Round Robin algorithm impact sequential I/O?

A. It continues to use the same path for a user-specified count of sequential I/O requests.

B. It remembers a user-determined number of addresses to better implement sequence detection for the storage.

C. It buffers and reorders I/O requests to improve sequence detection by the storage.

D. It makes a path decision for every I/O request.

Correct Answer: A

References: https://dokumen.tips/documents/dynamic-link-manager-hitachi-vantara-support-file-systems-for-hdlmwhen-volume.html

QUESTION 5

A customer with a VSP G1000 is using HDT with SAS 15K drives and external storage. The customer wants the daytime response-sensitive workload to benefit from tiering. They also want to minimize the impact of relocations on the daytime operation itself.

In this scenario, which action will satisfy the requirements?

A. Enable monitoring only during the daytime hours (9:00 AM to 5:00 PM) and only enable relocation at other times.

B. Disable monitoring during daytime hours (9:00 AM to 5:00 PM)

C. Enable active flash so that all relocations can be completed in short bursts.

D. Use continuous mode with a 30-minute cycle time and define relocation during daytime hours (9:00 AM to 5:00 PM) with a low relocation speed.

Correct Answer: A

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