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QUESTION 1

DP-Vol LUNs are taken from an HDP pool deployed with 128 disks (16x4D+4D RAID groups). Access is random read.

Which combination of FC paths, LUN Queue Depth, and number of DP-Vols will result in a per-disk queue of 4 within this pool?

- A. 2 paths, a LUN Queue Depth of 16, and 32 DP-Vols
- B. 2 paths, a LUN Queue Depth of 8, and 32 DP-Vols
- C. 4 paths, a LUN Queue Depth of 8, and 32 DP-Vols
- D. 4 paths, a LUN Queue Depth of 16, and 32 DP-Vols

Correct Answer: D

QUESTION 2

Which two environments are suitable for cost effective use of Hitachi Accelerated Flash disk media? (Choose two.)

- A. Online Analytical Processing (OLAP) data warehouse
- B. Online Transaction Processing (OLTP) with HDT
- C. large scale Consumer Video on Demand (CVOD)
- D. Virtual Desktop (VDI)

Correct Answer: AB

QUESTION 3

A customer has a VSP G800 storage system with an HDT pool with internal SAS drives and a virtualized third-party 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.)

- 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.

Correct Answer: AD



QUESTION 4

Which two conditions are amplified by the use of longer data intervals for analysts? (Choose two.)

- A. There will be more arbitrary data loss when viewing on a typical computer screen.
- B. Analysis tools will require more processing time and computing resources.
- C. The peaks values reported will reflect interactive user experience less accurately.
- D. Analysis tools will require less processing time and computing resources.

Correct Answer: BC

QUESTION 5

What are two benefits of placing transaction log files on RAID 1+0 disks for Microsoft SQL Server databases rather than RAID 5 disks? (Choose two.)

- A. Multiple transaction log files are supported.
- B. Faster recovery after disk hardware failure is realized.
- C. Capacity utilization rates are improved.
- D. Microsoft recommendations are followed.

Correct Answer: AB

QUESTION 6

A VSP G800 customer has one HDT pool with three tiers and they report a high frequency of relocations up and down between Tier 1 and Tier 2, affecting the HDT pool performance.

Which two actions will help solve the issue? (Choose two.)

- A. Decrease the monitoring period of the HDT pool.
- B. Increase the size of the grey zone between Tier 1 and Tier 2.
- C. Change the HDT pool setting from Period mode to Continuous mode.
- D. Increase the size of Tier 2.

Correct Answer: CD

QUESTION 7

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 8

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...>

QUESTION 9

Which two port options are bi-directional on a VSP G800? (Choose two.)

- A. Replication-Target (RCU)
- B. Open Target (TAR)
- C. External Target (eLUN)
- D. Mainframe (FICON)

Correct Answer: AB

References: https://knowledge.hitachivantara.com/Documents/Management_Software/Configuration_Manager_REST_API/8.5.2/REST_API/Volume_allocation

QUESTION 10



A user reports fluctuating LUN response times every day between 8:00 AM and 9:00 AM as users arrive and log in.

How do you identify this condition using Hitachi Tuning Manager?

- A. View LUN response times and RAID group utilization (% busy) averaged over the 60 minutes.
- B. View the random write counts every minute.
- C. View LUN response times and RAID group utilization (% busy) every minute.
- D. View LUN response times and correlate against the Cache Write Pending level every 15 minutes.

Correct Answer: A

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