



DUMPSsheet

**Free Questions for HCE-3700 by dumpsheet**

**Shared by Lloyd on 06-06-2022**

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## Question 1

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**Question Type:** MultipleChoice

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You are troubleshooting a potential marginal link in a SAN fabric that you believe is causing a performance problem.

To troubleshoot this problem, which two actions will allow you to view the detailed port statistics? (Choose two.)

### Options:

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- A- Use the vendor's GUI.
- B- Use the appropriate host command(s).
- C- Use the appropriate switch command(s).
- D- Use SVP Performance Monitor.

### Answer:

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A, C

## Question 2

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**Question Type:** MultipleChoice

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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.)

**Options:**

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- 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.

**Answer:**

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B, D

## Question 3

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**Question Type:** MultipleChoice

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An experienced system administrator reports near maximum MPB utilization with VSP G400 arrays operating in a GAD pair. Each array is supporting 100K IOPS with a 50% read workload. The MPBs should be capable of supporting more than 200K IOPS with this profile according to the basic array sizing tools.

Which two statements are correct in this scenario? (Choose two.)

**Options:**

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- A-** Cache mirroring between the two G400 arrays generates an extra MPB load which is not recorded in Hitachi Tuning Manager.
- B-** Each G400 array is also processing 50K duplex write IOPS from the other G400.
- C-** The duplex GAD writes are changing the overall read/write I/O profile and the extra parity operations are causing the high MPB utilization.
- D-** The internal array queue management scheme for GAD write operations causes MPB utilization to be doubled.

**Answer:**

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B, D

## Question 4

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**Question Type:** MultipleChoice

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A VSP G1000 customer is concerned about high VSD utilization alerts during their nightly backup and application maintenance window. To address their concerns, you want to inform them about the maximum acceptable utilization level range. What would be the range in this scenario?

**Options:**

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A- 30-40%

B- 40-50%

C- 50-60%

D- 80% or higher

**Answer:**

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D

## Question 5

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**Question Type: MultipleChoice**

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For a VSP G1000 system serving a mission critical interactive workload, which two statements are true about VSD failover? (Choose two.)

**Options:**

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- A-** The VSD receiving the workload of a failed VSD is not pre-determined.
- B-** Providing reserved capacity to accommodate failure is a requirement when planning for capacity for normal operations.
- C-** The workload of a failed VSD board always transfers to its redundant partner VSD board.
- D-** The workload of a failed VSD board is dynamically redistributed among surviving VSD boards.

**Answer:**

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B, C

## Question 6

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**Question Type:** MultipleChoice

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Which two conditions will cause high Cache Write Pending on a VSP G8000? (Choose two.)

**Options:**

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- A- over-utilized external storage
- B- high port utilization
- C- inadequate WAN bandwidth for TrueCopy Asynchronous
- D- attempting to write to a RAID group at a rate beyond its ability

**Answer:**

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A, D

## Question 7

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**Question Type:** MultipleChoice

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A high level of writes to external storage is backing up into a VSP G1000 cache, creating a high write pending problem that is affecting other workloads.

Which three actions will help to minimize this problem? (Choose three.)

**Options:**

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- A- Add more cache to the enterprise storage system.

- B-** Add more cache in the external storage.
- C-** Quarantine the LUNs in a separate cache partition.
- D-** Set Cache Mode to "Disabled" for the external LUNs.
- E-** Address the throughput constraints in the external storage.

**Answer:**

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A, B, D

## Question 8

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**Question Type:** MultipleChoice

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For which two purposes is the SVP Performance Monitor suitable? (Choose two.)

**Options:**

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- A-** Reporting by device owner
- B-** Annual trend analysis
- C-** Real time observations



**D-** A reference for verifying the accuracy of other performance tools

**Answer:**

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B, C

## Question 9

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**Question Type: MultipleChoice**

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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?

**Options:**

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**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

**Answer:**

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D

## Question 10

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**Question Type:** MultipleChoice

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

**Options:**

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- 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.

References:

<https://dokumen.tips/documents/dynamic-link-manager-hitachi-vantara-support-file-systems-for-hdlm-whenvolume.html>

**Answer:**

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A

# Question 11

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**Question Type:** MultipleChoice

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A large bank is completing a capacity planning exercise and wants to upgrade their current VSP G1000 to properly support their online banking application for the next 18 months. The IT department wants to know where they should invest to achieve the transactional Service Level Objective (SLO).

In this scenario, which three recommendations would you make? (Choose three.)

## Options:

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- A- Measure throughput of all SAN directors.
- B- Export two months of Performance Monitor data.
- C- Measure the storage resource utilizations.
- D- Request a statement of growth requirements.
- E- Measure the existing I/O profile.

References:

[https://knowledge.hitachivantara.com/Documents/Storage/VSP\\_G1X00\\_and\\_VSP\\_F1500/80-06-4x/Product\\_Overview/04\\_Software\\_solution\\_examples](https://knowledge.hitachivantara.com/Documents/Storage/VSP_G1X00_and_VSP_F1500/80-06-4x/Product_Overview/04_Software_solution_examples)

**Answer:**

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B, C, D

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