



Vendor: Hitachi

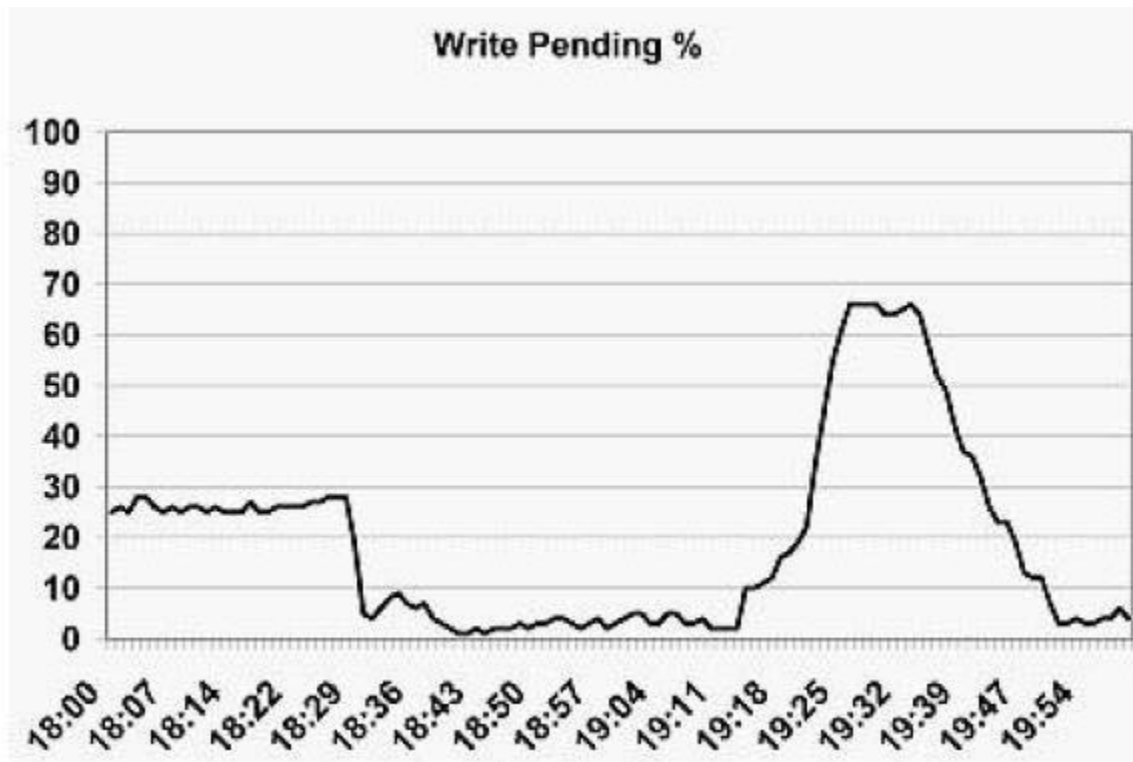
Exam Code: HH0-340

Exam Name: HDS Certified Expert - Performance Architect

Version: DEMO

QUESTION 1

Click the Exhibit button. Which three actions will help to reduce the level of Write Pending data in cache during periods of (Choose three.)



- A. Insufficient cache
- B. Loss of redundancy in write cache
- C. Heavy random writes to RAID5
- D. Heavy random writes to SATA drives
- E. Failure to distribute workload among sufficient array groups

Answer: CDE

QUESTION 2

A Microsoft Exchange administrator team is responsible for managing five mailbox servers and maintaining acceptable service level objectives for your organization's email users. Accordingly, they want to setup Windows Performance Monitor to actively monitor the Exchange servers. Which Performance Monitor counter should be monitored for the Exchange database LUNs?

- A. Disk write bytes/second
- B. Disk read bytes/second
- C. IO delays per sec
- D. Average disk read latency (ms)

Answer: D

QUESTION 3

A customer reports erratic occurrences of concurrent slow downs involving multiple servers

directly attached to a large enterprise storage system. Each server supports an independent application and uses dedicated port processors and RAID Groups. Storage replication, thin provisioning, and external storage are used. If this problem originates in the storage, what are the two most likely causes? (Choose two.)

- A. Highly concurrent PAIRCREATE
- B. Storage system microcode problem
- C. High internal path utilization
- D. High cache Write Pending

Answer: AD

QUESTION 4

A customer reports OLTP database response times as measured by Oracle have tripled from 1 ms to 3 ms. Comprehensive data collection is present throughout the incident. Which three metrics are most relevant? (Choose three.)

- A. LDEV response time
- B. LUN queue depth
- C. Port utilization (% Busy)
- D. Cache hit ratio
- E. BED utilization

Answer: ACD

QUESTION 5

When DB2 Deferred Write Threshold (DWT) is reached, high write activity occurs, this can degrade all subsystems involved with the DB2 containers. Within the entire performance chain, which three components are critical during these occurrences? (Choose three.)

- A. Host CPU
- B. Host memory
- C. Storage subsystem cache
- D. Storage subsystem front-end processors
- E. Storage subsystem disks

Answer: BCE

QUESTION 6

To eliminate disk related performance issues, which three Hitachi Tuning Manager reports would be most useful for analyzing Microsoft 2007 Exchange Storage Group LUN activity? (Choose three.)

- A. RAID Map reports
- B. RAID Group Configuration reports
- C. RAID Group Utilization reports
- D. Logical Device Response Time reports
- E. Exchange MAPI Connection reports

Answer: ACD

QUESTION 7

Which two Hitachi Professional Services are available for modular and enterprise performance assessment and troubleshooting? (Choose two.)

- A. Storage Platform Assessment (SPA)
- B. Implementation Service for Hitachi Tuning Manager
- C. Implementation Service for Hitachi Storage Services Manager Software
- D. Tiered Storage Planning and Design Service

Answer: AB

QUESTION 8

In IOSTAT, which two Solaris metrics are used to determine the average read block size to a device? (Choose two.)

- A. Reads per second (r/s)
- B. Kilobytes read per second (kr/s)
- C. Block size (bs)
- D. Read block size (rbs)

Answer: AB

QUESTION 9

A customer runs two geographical dispersed data centers and plans to merge both data centers' SANs. Which three should be considered when planning the ISL installation and configuration? (Choose three.)

- A. Distance
- B. ISL trunk setup/configuration
- C. Estimated throughput
- D. Fabric trunk setup/configuration
- E. Buffer credits

Answer: ABC

QUESTION 10

Which HDS product is used to define and report Logical Group configurations?

- A. Hitachi Tuning Manager
- B. Hitachi Device Manager
- C. Hitachi Tiered Storage Manager
- D. Hitachi Storage Services Manager

Answer: B

QUESTION 11

When planning for capacity growth and performance for a new application, which three metrics

are necessary to determine the required back-end storage configuration? (Choose three.)

- A. Anticipated read/write IOPS
- B. Cache read hit ratios
- C. Queue depths
- D. Transfer rates
- E. IOPS per physical disk

Answer: ABE

QUESTION 12

Which three actions will help to reduce the level of Write Pending data in cache during periods of intense random update processing? (Choose three.)

- A. Switch to faster disk drives.
- B. Migrate from RAID5 to RAID1.
- C. Spread the load across more RAID Groups.
- D. Spread the load across more ports.
- E. Spread the load across more LUNs.

Answer: ABC

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