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HH0-440

Hitachi Data Systems Certified Architect -
Performance exam

DEMO

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QUESTION NO: 1

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: A,B,C

QUESTION NO: 2

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 NO: 3

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: A,B,E

QUESTION NO: 4

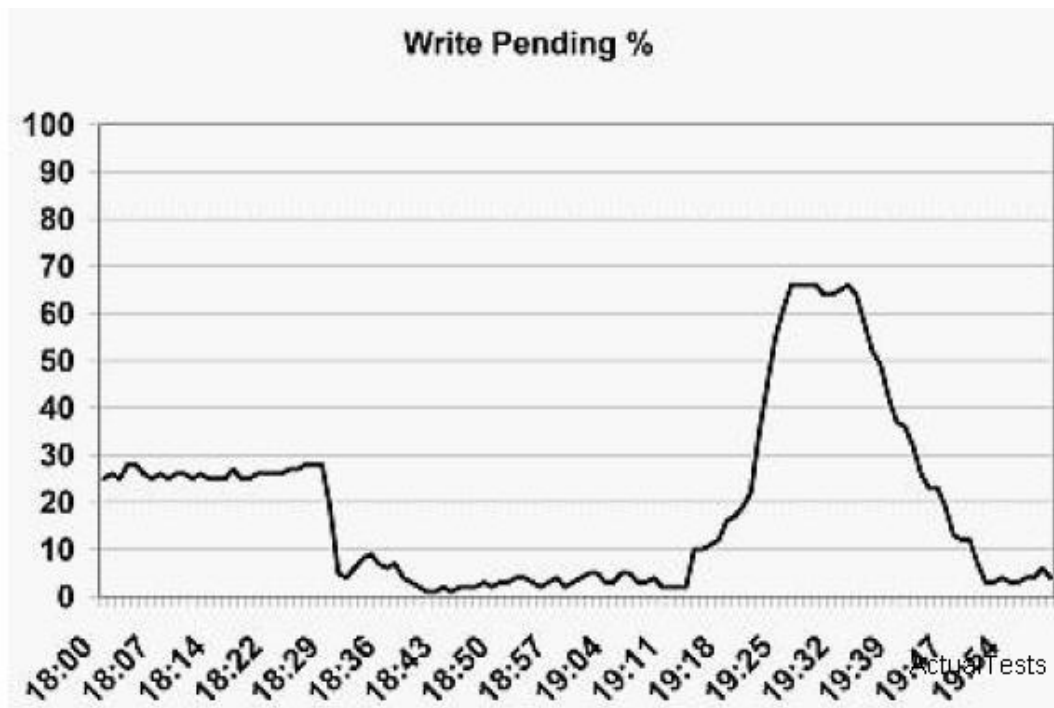
Which three actions will help to reduce the level of Write Pending data in cache during periods of intense random update processing? (Choose three.)

-
- 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: A,B,C

QUESTION NO: 5

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: C,D,E

QUESTION NO: 6

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

Answer: D

QUESTION NO: 7

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: A,D

QUESTION NO: 8

A customer reports OLTP database response times as measured by Oracle have tripled from 1ms to 3ms. 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: A,C,D

QUESTION NO: 9