

# QUESTIONS & ANSWERS

Kill your exam at first Attempt



**Hitachi**

## **HH0-440**

*Storage Architect - Performance & Virtualization*

**QUESTION:** 109

A Universal Storage Platform (USP) is experiencing high Cache Write Pending. TrueCopy is not involved and the level of BED utilization is not high. What are the first two steps in resolving this issue? (Choose two.)

- A. Add more cache.
- B. Identify the array groups or LDEVs involved.
- C. Identify the workload causing the issue.
- D. Add more shared memory.

**Answer:** B, C

**QUESTION:** 110

Which two disk drive attributes allow you to calculate the number of IOPS that a disk drive will be able to achieve? (Choose two.)

- A. Rotational latency
- B. Seek time
- C. Number of sectors per track
- D. Drive loop interface speed

**Answer:** A, B

**QUESTION:** 111

In which two software products would you find array group utilization metrics? (Choose two.)

- A. Hitachi Tuning Manager
- B. Storage Navigator Performance Monitor
- C. Hitachi Dynamic Link Manager
- D. Hitachi Dynamic Provisioning

**Answer:** A, B

**QUESTION:** 112

Which three statements accurately describe the capabilities that Hitachi Tuning Manager provides? (Choose three.)

- A. Monitors storage capacity and performance metrics.

- B. Dynamically migrates RAID Groups.
- C. Maps and reports on storage resources with a focus on applications, servers, and storage.
- D. Maps and reports on HBA performance.
- E. Provides configurable alerts to provide notification when performance or capacity thresholds are exceeded.

**Answer:** A, C, E

**QUESTION:** 113

Which property should you consider when analyzing long range data using Universal Storage Platform (USP) V Storage Navigator Performance Monitor?

- A. Fixed 15-minute interval for 3 months
- B. Fixed 15-minute interval for 2 months
- C. Fixed 1-minute interval for 2 months
- D. Fixed 5-minutes interval for 2 months

**Answer:** A

**QUESTION:** 114

A large customer wants to have three copies of a 15 TB database created with ShadowImage during a three week cycle (60 TB total capacity). They want to have fast disk-based recovery option from any of the preceding three weeks but without the expense of using Tier1 or Tier2 storage. Some performance impact is acceptable during the recovery as disk-based recovery is much faster than the previous tape-based scheme. What is the appropriate solution?

- A. Install 45 TB of 10K RPM drives in the Universal Storage Platform (USP).
- B. Install 45 TB of the largest available capacity 15K RPM drives in the Universal Storage Platform (USP).
- C. Install 45 TB of Fibre Channel drives in external Adaptable Modular Storage (AMS) systems.
- D. Install 45 TB of SATA drives in external Workgroup Modular Storage (WMS) systems.

**Answer:** C

**QUESTION:** 115

Which three parameters indicate that LUN ownership access or changes may be causing a performance problem in an HDS modular storage system? (Choose three.)

- A. The total cache queue drops below 100% for any 1 minute measurement period.
- B. The cache free queue drops below 100% for any 1 minute measurement period.
- C. IOPS are recorded to the same LUN from different controllers over several measurement periods.
- D. The LUN C-CTL value does not match the D-CTL value.
- E. The Cache Write Pending level is at a high threshold level.

**Answer:** A, C, D

**QUESTION:** 116

Which level of Write Pending is normal for a busy OLTP Universal Storage Platform (USP) system adequately managing the destaging of writes?

- A. 0% to 20%
- B. 20% to 30%
- C. 30% to 40%
- D. 40% to 50%

**Answer:** B

**QUESTION:** 117

The back-end processor utilization in an existing Universal Storage Platform (USP) series system running OLTP is occasionally exceeding 50%. You want to add 50% more workload to the same without experiencing any further increase in latency. There are no free slots for BED expansion but plenty of room for disk and FED expansion. Which two solutions will solve this problem? (Choose two.)

- A. Add FEDs and employ external Fibre Channel storage to meet the additional IOPS demand.
- B. Install more disks and migrate from RAID5 to RAID1
- C. Add FEDs and map the LUNs across more processors.
- D. Increase Shared Memory to allow more concurrent operations.

**Answer:** A, B

For More exams visit <https://killexams.com> -



[KILLEXAMS.COM](https://killexams.com)