



**Vendor:** Hitachi Data Systems

**Exam Code:** HH0-440

**Exam Name:** Storage Architect - Performance &  
Virtualization

**Version:** DEMO

**QUESTION 1**

A television company wants to use an HDS Adaptable Modular Storage AMS1000 system to both store and stream audio visual data . Which two RAID Group configurations should you configure on the AMS1000? (Choose two.)

- A. RAID1+0 4+4
- B. RAID1+0 8+8
- C. RAID5 4+1
- D. RAID5 8+1

**Answer:** CD

**QUESTION 2**

An unidentified bottleneck in an Adaptable Modular Storage (AMS) system is causing a regular performance degradation some time between 9:00 a.m. and 10:00 a.m. every day. What information should you ask the user to collect to assist with the initial troubleshooting? (Choose two.)

- A. RAID Group/Logical Unit constitute file
- B. a series of 60 PFM Output Files with 1 minute interval
- C. a single PFM Output File for the hour using a 60 minute interval
- D. simple traces repeated continuously during the 60 minute period

**Answer:** AB

**QUESTION 3**

On a fully configured Universal Storage Platform (USP) V, how many concurrent internal memory operations can be performed?

- A. 128
- B. 256
- C. 320
- D. 512

**Answer:** C

**QUESTION 4**

A customer wants to set up TrueCopy Synchronous on Universal Storage Platform (USP) V storage systems. The systems are located in two different data centers on two different sites. In the SAN, the customer uses 4 GB long wave ISLs to connect the data centers. The customer wants to use the existing SAN infrastructure to establish the TrueCopy links. Which two should be verified before setting up the TrueCopy links to prevent performance issues caused by the SAN? (Choose two.)

- A. ISL usage level
- B. number of fabrics
- C. number of shared SAN FC ports
- D. number of ISLs

**Answer:** AD

**QUESTION 5**

What are three metrics collected by Hitachi Tuning Manager (HTnM) for modular storage systems? (Choose three.)

- A. IO rate (IOPS)
- B. HDD to parity group correlation
- C. data transfer rate (MB/s)
- D. IO Usage (%) at the RAID Group level
- E. response time (ms)

**Answer:** ACE

**QUESTION 6**

Which three offerings are included in the Storage Platform Assessment service (SPA)? (Choose three.)

- A. Storage Assessment
- B. Storage Scorecard
- C. Storage Design
- D. Storage Deployment Consulting
- E. SAN Assessment

**Answer:** ABD

**QUESTION 7**

Which performance metric is used by Hitachi Tiered Storage Manager to manage migration tasks?

- A. Cache Write Pending
- B. MP utilization
- C. LDEV response time
- D. Array Group Usage

**Answer:** D

**QUESTION 8**

Which AIX host tool will provide the most comprehensive disk metrics from a host perspective?

- A. Topas
- B. nmon
- C. perfmon
- D. hdskmmon

**Answer:** B

**QUESTION 9**

Which two statements describe the behaviors of the Universal Storage Platform (USP) cache algorithms with an external device when "cache mode = disable" under normal mixed workload?

(Choose two.)

- A. Caching algorithms are used for all read IO operations.
- B. Caching algorithms are used for all IO operations.
- C. Caching algorithms are not used for write IO operations.
- D. Only the "sequential detect" algorithm is used for write IO operations.

**Answer:** AC

**QUESTION 10**

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:** BC