



HITACHI DATA SYSTEMS CERTIFIED EXPERT – REPLICATION SOLUTIONS ARCHITECT

Hitachi HH0-300

Version Demo

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QUESTION NO: 1

How does distance between sites affect host response time when using asynchronous replication?

- A. Host response time increases with increased distance.
- B. Host response time decreases with increased distance.
- C. Host response time is not affected by increased distance.
- D. Host response time is unpredictable with increased distance

ANSWER: C

QUESTION NO: 2

A customer is using ShadowImage (SI) on a Virtual Storage Platform (VSP) for a point-in-time copy. The SI P-Vol resides in a SAS HDP pool and the SI S-Vol resides in a SATA HDP pool. During resynchronization, the VSP cache write pending hits 60 percent utilization in CLPRO.

What are two ways to reduce the resynchronization impact on host performance? (Choose two.)

- A. Put the SI S-Vols in a separate CLPR.
- B. Keep the SI pairs in PAIR state.
- C. Run an SI quick split.
- D. Run an SI resync during non-peak hours.

ANSWER: A D

QUESTION NO: 3

A customer is replicating a database with a five minute RPO between two HUS 150 arrays. They have workload bursts that exceed their available bandwidth.

Which replication technology would meet this requirement?

- A. Hitachi High Availability Manager
- B. TrueCopy
- C. Hitachi Universal Replicator
- D. TrueCopy Extended Distance

ANSWER: D

QUESTION NO: 4

A customer needs to make a business case for purchasing ShadowImage for a key database

What are two benefits that ShadowImage copies provide? (Choose two.)

- A. It provides up to 64 copies of data.
- B. It provides rapid disk-based recovery.
- C. It reduces backup impact to production host.
- D. It provides site-wide disk-based disaster recovery.

ANSWER: B C

QUESTION NO: 5

A customer has multiple related applications. The replicated LUNs for these applications must be consistent with each other. The customer experiences a link failure.

Which two methods will meet the customer's requirement? (Choose two.)

- A. Create multiple consistency groups.
- B. Create a single consistency group for all LUNs.
- C. Use log shipping to enable roll forward to become consistent.
- D. Use Hitachi Universal Replicator with journals to ensure consistency.

ANSWER: B D

QUESTION NO: 6

Which tool will capture write workload data on Linux hosts?

- A. iostat
- B. glance+
- C. PerfMon
- D. RaidManager/CCI

ANSWER: A

QUESTION NO: 7

A customer has experienced a disaster and has failed over to their Hitachi Universal Replicator copies at the secondary site. They have acquired new servers and storage for their production facility and they are ready to return operations to the production facility as quickly as possible.

Which two fallback procedures apply? (Choose two.)

- A. Order devices in the HORCM file from the lowest change rate to the highest change rate.
- B. Replication pairs can be suspended to allow changed tracks to be managed using the bitmap.
- C. Perform the initial copy with the -nocopy option to allow operations to resume immediately.
- D. Initial copy is required from the recovery site back to the production site.

ANSWER: A D**QUESTION NO: 8**

A customer has chosen TrueCopy for their disaster recovery replication to minimize data loss. The solution must minimize any potential host performance impact.

What are two considerations for this hardware configuration? (Choose two.)

- A. Production hosts should be removed from the RCU.
- B. MCU and RCU disk configurations should be identical.
- C. The RCU should have the same number of replication ports as the MCU.
- D. Both MCU and RCU should have additional disks added as journal volumes.

ANSWER: B C**QUESTION NO: 9**

A customer has TrueCopy with a single cascaded remote ShadowImage solution that they resynchronize every two hours. The customer requires disaster recovery testing to be non-disruptive to production and the replication cycle.

What should be considered while planning a disaster recovery test?

- A. The cascaded ShadowImage volumes should remain in pair status.
- B. The production applications should be down during disaster recovery testing.
- C. A separate dedicated in-system replication copy should be created for disaster recovery testing purposes.
- D. The TrueCopy secondary volumes should be used for disaster recovery testing purposes.

ANSWER: C

QUESTION NO: 10

A customer is planning to create a ShadowImage copy of a non-HDP LDEV to an HDP LDEV.

What should the customer consider when replicating between these volume types?

- A.** Cascaded ShadowImage copies cannot be created from the L1 copy.
- B.** The control units for the primary and secondary LDEVs must be different.
- C.** A normal reverse resynchronization must be used instead of a quick restore.
- D.** The secondary volume will consume the amount of the used data on the primary LDEV in the HDP pool

ANSWER: C