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**Vendor:**Hitachi

**Exam Code:**HCE-5710

**Exam Name:**Architecting Hitachi Data Systems  
Certified Expert - Replication solutions

**Version:**Demo

### QUESTION 1

The Hitachi Storage Cluster (HSC) with Windows 2003 uses which method to prevent "Split Brain Syndrome"?

- A. majority node sets
- B. shared quorum disk
- C. extended SAN with multiple quorum disks
- D. -quorum parameter for horctakeover

Correct Answer: A

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### QUESTION 2

A customer is replicating data between sites using Universal Replicator. The Universal Replicator Command Control Interface (CCI) device group name is UR\_db01. A power outage occurred at the production site and the users have moved to the recovery site. The production disk array, CCI server, and network equipment are still running on generator power. Which command should the customer issue from the recovery CCI server to suspend the Universal Replicator pairs and reverse the replication direction?

- A. horctakeover -g UR\_db01 -S
- B. pairsplit -g UR\_db01 -swapp
- C. pairsplit -g UR\_db01 -swaps
- D. horctakeover -g UR\_db01 -swapp

Correct Answer: A

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### QUESTION 3

A customer is using ShadowImage to replicate an online database on a UNIX server. The ShadowImage pairs are suspended and the secondary volumes are presented to a recovery server. What are two steps that must be performed prior to starting the database on the recovery server? (Choose two.)

- A. Import the volume/disk group.
- B. Perform a fsck on each file system.
- C. Roll the replicated database logs forward.
- D. Change the IP address of the recovery server.

Correct Answer: AB

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### QUESTION 4

Which components of HiCommand Protection Manager software are necessary to protect a File System on a Windows server?

- A. Console, Copy Controller
- B. Console, Copy Controller and VSS agent for File System
- C. Console, Copy Controller and Raid Manager Shadow Copy provider
- D. Copy Controller, Raid Manager Shadow Copy provider and Protection Manager agent

Correct Answer: C

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#### **QUESTION 5**

Command Control Interface (CCI) is being used to manage TrueCopy and ShadowImage pairs. An error has occurred, but there is no indication of the error in any of the CCI HORCM logs or traces. Which two locations could be checked for CCI error messages? (Choose two.)

- A. the UNIX syslog
- B. the Windows event log
- C. the UNIX CCI installation directory
- D. the Windows CCI installation directory

Correct Answer: AB

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#### **QUESTION 6**

The Hitachi Storage Cluster (HSC) for Microsoft Environments script for the Microsoft Cluster software has to support several specific functions. Which three functions need to be supported? (Choose three.)

- A. IsAlive
- B. Online
- C. IsDead
- D. TakeOver
- E. LooksAlive

Correct Answer: ABE

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#### **QUESTION 7**

A customer is interested in acquiring an Hitachi Storage Cluster (HSC) for Microsoft Environments solution. Which two extra features or functions are being purchased? (Choose two)

- A. The ability to do server clustering.
- B. The ability to do clustering over long distance.
- C. The ability to coordinate replication and clustering.
- D. The ability to do clustering with heterogeneous storage.

Correct Answer: BC

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#### **QUESTION 8**

A customer has an application that must have a second complete (zero RPO) copy of the data, The second site is 70km away. It is a multi-task application and has strong SLAs. Which two solutions should the customer consider to ensure that overheads are kept to a minimum? (Choose two.)

- A. 2 x USP running TrueCopy Asynchronous linked by DWDM
- B. 2 x USP running TrueCopy Synchronous linked by 2 x OC-3
- C. 2 x AMS1000 running TrueCopy Synchronous linked by DWDM
- D. 2 x USP running Hitachi Universal Replicator linked by 2 x OC-3

Correct Answer: BC

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#### **QUESTION 9**

Which choice is correct when you integrate HiCommand Protection Manager (HPtM) software with Microsoft Cluster?

- A. Install and setup Protection Manager in one cluster node.
- B. Install and configure Protection Manager in each cluster node.
- C. Install Protection Manager in each cluster node; setup Protection Manager in one cluster node.
- D. Install Protection Manager in one of the cluster nodes, setup Protection Manager in each cluster node.

Correct Answer: B

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#### **QUESTION 10**

A customer has twenty LUNs to manage in a TrueCopy Extended Distance configuration. Which product would be used to manage the pool?

- A. Storage Navigator
- B. Storage Navigator Modular

C. Command Control Interface (CCI)

D. Disk Array Management Program (DAMP)

Correct Answer: B

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#### **QUESTION 11**

HiCommand Device Manager (HDvM) is being used to manage TrueCopy and ShadowImage pairs. A problem has occurred which appears to be caused by the Command Control Interface (CCI) server. Which two utilities are used to collect the relevant HDvM log files? (Choose two.)

A. the TIC utility on the CCI server

B. the TIC utility on the HDvM server

C. the hcmdsgetlogs utility on the CCI server

D. the hcmdsgetlogs utility on the HDvM server

Correct Answer: AD

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#### **QUESTION 12**

A customer has purchased an Hitachi Storage Cluster (HSC) for Microsoft Environments. Which component is included?

A. VBS scripts

B. Microsoft Cluster

C. Hitachi VSS Agent

D. Hitachi client for Microsoft Exchange

Correct Answer: A