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**Exam** : **HH0-110**

**Title** : Hitachi Data Systems  
Storage Foundations -  
Enterprise Exam

**Version** : Demo

1. A customer has prepared TrueCopy scripts and now wants to create the first replication pairs in an Open Systems environment. Which two steps must be completed before issuing TrueCopy commands? (Choose two.)

- A. Configure HORCM files.
- B. Install RAID Manager CCI.
- C. Ensure that the S-Vols are visible to a host.
- D. Configure external ports.

**Answer:** A,B

2.A customer is evaluating Hitachi Dynamic Provisioning (HDP) because they are interested in thin provisioning. What are two other benefits provided by HDP.? (Choose two.)

- A. increased performance using wide striping
- B. volume creation without formatting time
- C. enhanced data protection using more RAID Groups
- D. automatic migration between FC and SATA pools

**Answer:** A,B

3.What is the allocation size and unit used by Hitachi Dynamic Provisioning on a VSP?

- A. 16 MB stripe
- B. 42 MB page
- C. 1024 KB slot
- D. 64 MB chunk

**Answer:** B

4.What is a primary component of Hitachi Virtual Partition Manager?

- A. Port Logical Partition
- B. Disk Logical Partition
- C. Cache Logical Partition
- D. Cache Physical Partition

**Answer:** C

5.Which two transport methods can HiTrack use to report SIMs to the Hitachi Data Systems Global Support Center? (Choose two.)

- A. FTP
- B. HTTPS
- C. HTTP
- D. SNMP

**Answer:** A,B

6.A customer is deploying a new OLTP database on a VSP that will have a high performance requirement. They are considering using SSD flash drives, but would like to avoid putting the entire database on SSD. SAS drives will be sufficient for the majority of the workload. Which Hitachi technology should be used to simplify the management of this dynamic workload across SSD and SAS tiers?

- A. Hitachi Dynamic Tiering

- B. Hitachi Dynamic Provisioning
- C. Hitachi Tiered Storage Manager
- D. Hitachi Universal Volume Manager

**Answer:** A

7.A customer has a ShadowImage pair that is currently suspended and the P-Vol is corrupted. They perform a quick restore. When can they safely start using the data on the P-Vol?

- A. after the P-Vol and S-Vol swap CU:LDEV numbers
- B. after all of the data is copied from the S-Vol to the P-Vol
- C. after the bitmap is transferred and dirty tracks are marked
- D. after the difference data is copied from the S-Vol to the P-Vol

**Answer:** A

8.What are two components of a storage cluster in a VSP? (Choose two.)

- A. Front-end Directors (FED)
- B. Fiber Switches (FSW)
- C. Virtual Storage Directors (VSD)
- D. Service Processors (SVP)

**Answer:** A,C

9.One of your customers used Universal Volume Manager (UVM) to virtualize their heterogeneous storage systems by attaching them to a VSP as external storage. Which two UVM tasks were performed during the virtualization process? (Choose two.)

- A. UVM Discovery of the External target ports.
- B. External volumes on the external storage were mapped as Open-9 emulations.
- C. Initiator ports were set on the VSP to connect to the external storage systems.
- D. External ports were set on the VSP to connect to the external storage systems.

**Answer:** A,D

10.What is the purpose of Hitachi Universal Replicator?

- A. It migrates data between VSP and AMS storage systems.
- B. It maintains a consistent copy of data.
- C. It creates synchronous copies of data.
- D. It migrates data from competitive arrays.

**Answer:** B

11.You wish to virtualize three external devices on a VSP using Universal Volume Manager. Which parameter should you consider modifying to avoid high cache write pending?

- A. Path Mode
- B. Cache Mode
- C. Priority Mode
- D. I/O Suppression Mode

**Answer:** B

12.Which two actions are needed when configuring TrueCopy replication on a VSP? (Choose two.)

- A. Set ports on the MCU to Initiator.
- B. Set ports on the RCU to Initiator.
- C. Add an RCU.
- D. Add an MCU.

**Answer:** A,C

13.A business that generates large amounts of sensitive data has an IT system combining mainframe and Open-Systems applications. They need a storage solution offering highly secure data storage with minimal performance impact and costs, and consistent with their green data center policy.

Which three VSP storage system features meet these requirements? (Choose three.)

- A. VSP can encrypt data in cache before de-staging to disk.
- B. VSP Virtual Storage Directors have a built in encryption capability.
- C. VSP offers encryption capabilities to Open-Systems and mainframe applications.
- D. VSP reduces capital cost by removing the need for discrete encryption devices.
- E. VSP encryption creates no measurable increase in heat output or energy consumption.

**Answer:** C,D,E

14.What does the Hitachi Dynamic Link Manager "Path Health Check" feature provide?

- A. It detects link issues before data I/O is affected.
- B. It automatically removes the paths where an intermittent error is occurring.
- C. It monitors load balancing.
- D. It automatically places a recovered path back online.

**Answer:** A

15.A storage administrator wants to script a TrueCopy operation in an Open Systems environment.

Which two components are required? (Choose two.)

- A. Command Device
- B. Storage Navigator 2
- C. RAID Manager CCI
- D. replication.conf file

**Answer:** A,C