

Hitachi

Exam HH0-280

Hitachi Data Systems Solution Specialist – Virtualization Exam

Version: 7.0

[Total Questions: 99]

Question No : 1

Which two statements are true about Hitachi Tiered Storage Manager (HTSM)? (Choose two.)

- A. When a volume is migrated, the source volume is automatically deleted.
- B. After a volume migration the source and target LDEV numbers are swapped.
- C. A LUSE volume can be migrated.
- D. An application outage is necessary in order to complete the migration.

Answer: B,C

Question No : 2

A customer has Hitachi Tuning Manager (HTnM) and Hitachi Tiered Storage Manager (HTSM) running in their environment. They would like to use performance data collected by HTnM in HTSM. Which configuration file do they need to edit on the HTSM server to link HTnM and HTSM?

- A. agent.properties
- B. server.properties
- C. tuningmanager.properties
- D. tieredstoragemanager.properties

Answer: C

Question No : 3

An external storage volume is connected using two paths in "Multi Mode" to a Hitachi VSP. One of the connecting cables was replaced. Which statement is correct?

- A. The storage system must be re-discovered.
- B. The storage system will recover automatically.
- C. The "Check Paths" action must be performed to recover the path.
- D. The "Restore Volume" action must be performed to recover the path.

Answer: B

Question No : 4

What are two features of Hitachi Dynamic Provisioning (HDP) that simplify planning for performance and availability? (Choose two.)

- A. sub-LUN tiering
- B. defining a V-VOL larger than the physical disk
- C. striping I/O over all available HDDs in a pool
- D. using multiple RAID groups in a pool with different emulation types

Answer: B,C

Question No : 5

A customer has a Hitachi VSP with a Hitachi AMS2500 used for external storage. The customer would like to understand what conditions are required to migrate volumes to different tiers. All volumes are defined with a capacity of 30 GB. Which three combinations of source and target volumes are valid? (Choose three.)

- A. source LUSE, target DP Volume
- B. source TC P-VOL, target internal volume
- C. source DP volume, target DP volume in different pool
- D. source internal volume cache mode disabled, target external volume cache mode enabled
- E. source external volume cache mode disabled, target external volume cache mode disabled

Answer: B,C,E

Question No : 6

A Hitachi VSP customer needs to define over 1000 LDEVs and wants to automate the provisioning process using the PERL scripting language. Which two Hitachi software products can they use? (Choose two.)

- A. Hitachi Provisioning Manager
- B. Storage Navigator
- C. Hitachi Device Manager CLI
- D. Hitachi RAID Manager/CCI

Answer: C,D

Question No : 7

In which virtualized storage environment can Hitachi Tiered Storage Manager (HTSM) migration tasks be performed?

- A. iSCSI connected NAS -- multi-tiered environment
- B. FC connected external storage mainframe environment
- C. FC connected external storage Open Systems environment
- D. NFS connected NAS -- multi-tiered environment

Answer: C

Question No : 8

A customer is deploying a new 20TB application on a Hitachi VSP that can be over-provisioned. They have a requirement for a daily full point-in-time copy. They would like to keep costs at a minimum and use an older Hitachi AMS1000 for the copies. Which combination of Hitachi products would you recommend?

- A. Dynamic Tiering, Copy-on-Write and Universal Replicator
- B. Dynamic Provisioning, Copy-on-Write and Universal Replicator
- C. Dynamic Tiering, ShadowImage and Universal Volume Manager
- D. Dynamic Provisioning, ShadowImage and Universal Volume Manager

Answer: D

Question No : 9

Which three functions are available with Hitachi Universal Volume Manager? (Choose three.)

- A. Create and delete cross-subsystem paths.
- B. Discover external storage.
- C. Set host port attributes.
- D. Re-activate external connections after external cable replacement.

E. Control external copy functions.

Answer: A,B,D

Question No : 10

A customer is deploying Hitachi Dynamic Tiering on a Hitachi VSP. They are expecting temporary decreases in I/O for their application. They would like to reduce unnecessary reallocation of pages based on cycles that contain this monitoring data. Which monitoring mode should be used?

- A. Period Mode
- B. Continuous Mode
- C. Average Mode
- D. Mean Mode

Answer: B

Question No : 11

A customer wants to implement Hitachi Dynamic Provisioning (HDP) on a Hitachi VSP for both their mainframe and Open Systems environments. What must be considered when creating HDP pools?

- A. You can use any 3390 emulation type LDEV in a HDP Pool.
- B. You can use any OPEN emulation type LDEV in a HDP Pool.
- C. You cannot combine mainframe LDEVs and Open Systems LDEVs in a HDP pool.
- D. You must use OPEN-M emulation type for mainframe pool volumes.

Answer: C

Question No : 12

Which two statements are true when creating Hitachi Dynamic Provisioning (HDP) volumes with Storage Navigator on a Hitachi USP V? (Choose two.)

- A. DP-VOLs default assignment will be to Pool 0.

- B. DP-VOLs require a manual assignment to a pool.
- C. Any Emulation Type is supported for DP-VOLs.
- D. The Emulation Type of a DP-VOL must be the same as the associated Pool Emulation.

Answer: B,D

Question No : 13

Which two methods does Hitachi Dynamic Tiering use for optimizing tiered storage?
(Choose two.)

- A. The most active V-VOLs move to the highest tier.
- B. The capacity of the highest tiers are fully utilized.
- C. The most active pages move to the highest tier.
- D. The capacity of the lowest tiers are fully utilized.

Answer: B,C

Question No : 14

Which two valid actions can you perform on a Hitachi VSP to help prevent a Hitachi Dynamic Provisioning (HDP) pool from running out of space? (Choose two.)

- A. Create a new pool and concatenate it with the existing pool.
- B. Create new Basic LDEVs out of free space and use them to expand your pool.
- C. Issue a Reclaim Zero Pages on the HDP Pool-VOLs.
- D. Issue a Reclaim Zero Pages on the HDP V-VOLs.

Answer: B,D

Question No : 15

Which two Hitachi products can you use to monitor the Hitachi Dynamic Provisioning (HDP) Pool capacity? (Choose two.)

- A. Hitachi Device Manager
- B. Hitachi Provisioning Manager

- C. Hitachi Tiered Storage Manager
- D. Hitachi RAID Manager/CCI

Answer: A,D

Question No : 16

Which two operations does Hitachi Device Manager (HDvM) support on Virtualization Servers? (Choose two.)

- A. Displays the relationship between Virtualization Servers and virtual machines.
- B. Allocates volumes to Virtualization Servers.
- C. Generates an alarm when Virtualization Servers are running out of disk capacity.
- D. Migrates virtual file systems from internal to external volume.

Answer: A,B

Question No : 17

Your customer has installed Hitachi Tiered Storage Manager (HTSM) to migrate volumes from highly utilized RAID groups. They are already using Hitachi Tuning Manager (HTnM) and want to link the two products together to assist them in this migration activity. Which action must be performed to link HTnM to HTSM?

- A. Configure Event Notification on the HTnM server.
- B. Enable the Tuning Service on the HTSM server.
- C. Edit the tuningmanager.properties file on the HTnM server.
- D. Edit the tuningmanager.properties file on the HTSM server.

Answer: D

Question No : 18

When deploying Hitachi Dynamic Tiering, which two license keys must be installed? (Choose two.)

- A. Dynamic Provisioning