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Exam : **HH0-120**

Title : Hitachi Data Systems Storage Foundations - Modular Exam

Version : DEM0

1. What is the function of HDD Roaming in the Adaptable Modular Storage family?

A.It allows you to perform background HDD-scrubbing.

B.It allows you to monitor the system for HDD failures.

C.It allows you to increase RAID Group capacity dynamically.

D.It allows you to specify RAID Group with HDDs regardless of RKA.

ANSWER: D

2. An AMS or WMS storage system requires the PC running Storage Navigator Modular 2 to be attached to the system.

Which communication interface is used by Storage Navigator Modular 2 to talk with the system?

A.USB

B.LAN

C.iSCSI

D.Fibre Channel

ANSWER: B

3. A storage administrator wants to use TrueCopy to replicate volumes between an AMS2100 and an AMS2300.

How many S-VOL copies can be made from a single P-VOL?

A.1

B.2

C.4

D.8

ANSWER: A

4. Which two steps are required before using Hitachi Replication Manager? (Choose two.)

A.Replication Manager Agent must be installed.

B.RAID Manager or CCI must be installed.

C.Business Continuity Manager must be installed.

D.Hitachi Device Manager must be installed prior to the installation of Replication Manager software.

ANSWER: BD

5. Which feature in Hitachi Dynamic Link Manager (HDLM) allows an administrator to remove an LU and a path without restarting the server?

A.path failover

B.dynamic reconfiguration

C.dynamic deletion

D.Disk Manager

ANSWER: C

6. Customers are increasingly finding new ways for information technology departments to provide value to business.

How does Services Oriented Storage Solutions (SOSS) help our customers accomplish this?

A.by matching the business value of data to the appropriate storage tier

B.by increasing customer profitability by managing operational expenses

C.by establishing Industry Standard Best Practices into everyday operations

D.by providing a business-centric approach for aligning IT storage resources with business requirements

ANSWER: D

7. What are two advantages of Services Optimized Storage Solutions? (Choose two.)

A.It delivers storage infrastructure components that can be integrated to match application requirements.

B.It offers the ability to combine Fibre Channel SAN storage with IP-based storage.

C.It provides database administrators with the ability to provision and manage storage.

D.It offers application-centric, quality-of-service (QoS) data delivery, based on: performance, availability, cost, and protection requirements.

ANSWER: AD

8. A data warehouse application needs access to current data at multiple times during the day for billing and data mining.

What is used to create the online copy of the OLTP server within the same storage system?

A.TrueCopy

B.ShadowImage

C.Copy-on-Write Snapshot

D.TrueCopy Extended Distance

ANSWER: B

9. A customer has a WMS100 array to run an application with low performance and availability requirements.

Which WMS100 configuration would meet the requirements?

A.SATA or FC disks

B.one or two controllers

C.one or two host FC ports per controller

D.one or two back-end loops per controller

ANSWER: B

10. A customer requires a new modular storage array which will use parity for data protection. When a drive fails in a RAID 5 Group, the remaining disks are each a single point-of-failure. A requirement is that the vendor must minimize the amount of time the array is in a single point-of-failure state following a disk failure.

Which two features of the AMS2300 support the requirement? (Choose two.)
A.RAID 6
B.RAID 5+1
C.Dynamic Sparing
D.Fast Disk Rebuild
ANSWER: AC

11. HDS Adaptable Modular Storage models AMS2100 and AMS2300 provide efficient cost-effective storage.
Which three attributes characterize the AMS product line? (Choose three.)
A.high availability
B.cache partitioning
C.ease of management
D.large-scale virtualization
E.dynamic provisioning
ANSWER: ABC

12. Which AMS2300 feature can be used to isolate the I/O of a MS Exchange application from a backup application?
A.Host Storage Manager
B.Cache Partition Manager
C.Virtual Partition Manager
D.Cache Residency Manager
ANSWER: B

13. You want to maximize database performance by dividing cache into partitions.
What is the maximum number of partitions on an AMS2300 system?
A.4
B.8
C.16
D.32
ANSWER: D

14. You have been asked to choose one AMS2000 family storage system to provide remote access through iSCSI and local SAN support over Fibre Channel at the same time.
Which model will satisfy the customer's requirements?
A.AMS2100
B.AMS2300
C.AMS2500
D.AMS2800

ANSWER: C

15. Which three software features are supported on the Hitachi AMS 2000 family? (Choose three.)
A.Password Protection
B.Universal Replicator
C.TrueCopy Synchronous
D.Copy-on-Write Snapshot
E.TrueCopy Asynchronous
ANSWER: ACD

16. A customer is lowering their recovery time objective (RTO) and increasing the integrity of their backups by using backup to disk. The production data is on a USP V.
Which HDS array provides the most cost effective solution for backup to disk?
A.USP100
B.AMS2300
C.AMS2100
D.WMS100
ANSWER: D

17. A customer is evaluating AMS storage arrays to provide storage for a high performance database that must be available 24x7.
Which HDS supported configuration meets their needs?
A.AMS2100 with SATA drives
B.AMS2300 with SAS drives
C.AMS1000 with SATA drives
D.AMS500 with FC drives
ANSWER: B

18. A customer has multiple applications and one high performance application accessing an AMS2300. The high performance application consumes all system resources and is causing the other applications to slow down.
Which feature can be used to prevent the high performance application from monopolizing the AMS2300?
A.Cache Partition Manager
B.Server Priority Manager
C.Cache Residency Manager
D.Universal Volume Manager
ANSWER: A

19. How does the Hitachi AMS2000 family protect write data in cache to ensure data integrity?

A.Write I/O is mirrored to cache in both controllers.
B.Write I/O is mirrored to independent cache partitions.
C.Write I/O is striped across two independent cache boards.
D.Write I/O parity information is written to independent cache boards.
ANSWER: A

20. A customer is using Storage Navigator Modular to setup RAID Groups on a new AMS2100.
Which three RAID levels are supported? (Choose three.)
A.RAID-3
B.RAID-6
C.RAID-5
D.RAID-4
E.RAID-1+0
ANSWER: BCE