Hitachi

Exam HH0-050

HITACHI DATA SYSTEMS STORAGE TECHNOLOGY EXAM

Version: 6.0

[Total Questions: 100]

Topic 1, Volume A

Question No : 1 - (Topic 1)

Which three Fibre Channel topologies are used in SAN implementations? (choose three.)

A. arbitrated loop
B. physical
C. switched fabric
D. point-to-point
E. logical

Answer: A,C,D

Question No : 2 - (Topic 1)

What is a Host Bus Adaptor (HBA)?

A. A compact optical device that connects to switches and transmits and receives data.
B. A device that connects multiple computers together to form a network segment.
C. A non-volatile data storage device.
D. A Fibre Channel interface that connects a computer to a storage network.

Answer: D

Question No : 3 - (Topic 1)

What are two benefits of using snapshots as part of an in-system replication solution? (Choose two.)

A. Snapshots provide storage-efficient copies of the data.
B. Snapshots create a physical clone of the data.
C. Volumes are restored faster from snapshot copies.
D. Snapshots provide point-in-time data copies.

Answer: A,D

Question No : 4 - (Topic 1)

What are two characteristics of array-based asynchronous remote replication? (Choose two.)

A. It supports server performance under load.
B. It is installed and run on a server.
C. It can be implemented over a WAN.
D. It does not ensure data consistency.

Answer: A,C

Question No : 5 - (Topic 1)

When using IP to transfer data over a network, which protocol re-combines IP packets into the correct order to re-create the message sent from the source?

A. FCIP
B. iFCP
C. UDP
D. TCP

Answer: D

Question No : 6 - (Topic 1)

An online bank wants to improve their environmental credentials by reducing power consumption and heat output in their data center, but without affecting service levels. Which three strategies would they use to meet this requirement? (Choose three.)

A. Add more data storage.
B. Consolidate existing storage.
C. Reduce data center hotspots.
D. Implement virtualization strategies.
E. Migrate customer data to off-line storage.

Answer: B,C,D

Question No : 7 - (Topic 1)

Which type of tiered data requires a storage infrastructure that provides reasonable performance and availability and must recover within 8 hours of a failure?

A. mission-critical data
B. business-critical data
C. nearline data
D. offline data

Answer: B

Question No : 8 - (Topic 1)

Which two features help reduce power consumption on a storage system? (Choose two.)

A. on-demand cache partitioning
B. ability to turn off HDDs when not accessed
C. adaptive dual power battery backup
D. dynamic fan speed adjustment

Answer: B,D

Question No : 9 - (Topic 1)

What is an advantage of cache partitioning?

A. dynamic reallocation of cache resource by performance criteria
B. optimized storage system performance
C. improved security against unauthorized administrative access
D. automated data copy to a secondary partition

Answer: B

Question No : 10 - (Topic 1)

A large healthcare company wants to implement an object store in their application. Which

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three are considered to be an object? (Choose three.)

A. a mirror copy of a data volume
B. an MRI Image file
C. a lab report in pdf format
D. a file services structure of active data
E. an ultrasound video file

Answer: B,C,E

Question No : 11 - (Topic 1)

Which two elements are critical to configuring high availability access to storage over a SAN? (Choose two.)

A. data path management
B. automated path failover
C. diagnosis of performance bottlenecks
D. prioritizing of an application's server port access

Answer: A,B

Question No : 12 - (Topic 1)

What are the two ways a storage system implements virtualization? (Choose two.)

A. in-band
B. cross-band
C. cascaded
D. out-of-band

Answer: A,D

Question No : 13 - (Topic 1)

What are two advantages of implementing an Ethernet network in an office environment? (Choose two.)

A. resource sharing
B. VSAN capabilities
C. centralized management
D. MAC address zoning

Answer: A,C

Question No : 14 - (Topic 1)

What are two benefits of using performance reporting software? (Choose two).

A. It provides disk subsystem utilization data.
B. It moves elements between storage partitions.
C. It provides workload data for volumes and ports.
D. It migrates data away from storage hot-spots.

Answer: A,C

Question No : 15 - (Topic 1)

Which customer type will benefit from a content management platform solution?

A. Customers with a large number of departmental offices in multiple locations.
B. Customers with large numbers of file servers or NAS systems considering an archiving or a tiering strategy.
C. Customers wanting to improve application availability by reducing downtime caused by backups.
D. Customers wanting to deploy a structured database for their customer data.

Answer: B

Question No : 16 - (Topic 1)

Which two statements are correct about array-based data replication? (Choose two.)

A. Write operations to the storage are performed faster.
B. It can run independent of host OS, file system and database.