

IBM

Exam C9020-463

IBM System Storage DS8000 Technical Solutions

Version: 6.0

[Total Questions: 57]

Question No : 1

A customer has a data center that is managed remotely.

What must be done to the IBM DS8870 to enable it to work in this environment?

- A. Order TPC to allow management.
- B. Utilize the internal HMC.
- C. Use the SSPC that is shipped with each DS8870.
- D. Have the Systems Director manage the DS8870.

Answer: A

Question No : 2

A customer is having performance problems with an IBM DS8870. The DS8870 has only 600 GB drives (all drives are the same size and speed). A performance analysis indicates that some ranks are performing much more I/O than others. The customer is not running Easy Tier.

What should you recommend first?

- A. Add more cache to the machine.
- B. Purchase SSDs and set up a combined HDD+SSD Easy Tier pool.
- C. Purchase an Easy Tier license.
- D. Use auto-rebalance in Easy Tier.

Answer: D

Question No : 3

Which operating system environment supports the IBM DS8870 Cooperative Caching function?

- A. Windows
- B. Linux
- C. AIX
- D. z/OS

Answer: D

Explanation: For System z and z/OS environments, DS8870 models can support 1 TB (1,182,006 cylinders) 3390 volumes. It can help relieve addressing constraints, improve disk resource utilization, and improve storage administrator productivity by providing the ability to consolidate multiple disk volumes into a single address.

Reference:[http://www-](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/1/877/ENUSZG12-0291/index.html&request_locale=en)

[01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/1/877/ENUSZG12-0291/index.html&request_locale=en](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/1/877/ENUSZG12-0291/index.html&request_locale=en)

Question No : 4

Which solution should you recommend to a customer looking for an FB storage solution that can support a minimum of 72 8 Gb direct FC host connections and 1.2 PB raw capacity of storage?

- A. Three Frame, 2-core IBM DS8870 Business Class
- B. Single Frame 4-core IBM DS8870 Enterprise Class
- C. Four Frame, 16-core IBM DS8870 Business Class
- D. Two Frame, 8-core IBM DS8870 Enterprise Class

Answer: D

Reference:[http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/tips1180.html?Open\(see table 3\)](http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/tips1180.html?Open(see%20table%203))

Question No : 5

Which IBM storage solution has a competitive advantage over the Fujitsu ETERNUS DX8700 S2 for a customer that has three sites and requires replication?

- A. IBM DS8870 with Metro/Global Mirror function
- B. IBM Storwize V7000 with native IP replication
- C. IBM SVC DH8 with replication to an IBM Storwize V7000
- D. IBM DS8870 with SVC and stretch cluster

Answer: A

Question No : 6

A customer has requirements of continuous availability:99.9999% availability, and a maximum of 32 seconds downtime per year.

Which IBM storage product and feature will address these requirements?

- A. IBM DS8870 with HyperSwap
- B. IBM TS7720T Grid
- C. IBM XIV with Replication
- D. IBM Spectrum Virtualize with stretch cluster

Answer: A

Question No : 7

A customer wants to migrate from an IBM DS8700 to an IBM DS8870 located 1000 kilometers away, using a minimum of storage, licenses, and impact to the local site. The customer will allow the data to move to the remote site, stop the application, and then restart it at the remote site.

Which replication method should be used?

- A. Metro Mirror
- B. Global Copy
- C. Metro/Global Mirror
- D. Global Mirror

Answer: C

Question No : 8

What IBM software enables multiple database aware backups?

- A. IBM Spectrum Protect