

QUESTIONS & ANSWERS

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IBM

C9020-563

IBM System Storage DS8000 Technical Solutions V5

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QUESTION: 56

What is defined as non-volatile storage in an IBM DS8886 controller?

- A. Controller metadata storage
- B. I/O adapter card cache
- C. Mirrored cache memory modules
- D. Cache that preserves write data

Answer: D

Explanation:

Some of the processor memory is used as Nonvolatile Storage (NVS) to store a second copy of write data to help protect against loss of data in the event of a processor or power failure.

References:

http://www-01.ibm.com/common/ssi/printableversion.wss?docURL=/common/ssi/rep_sm/4/872/ENUS2107-_h04/index.html&request_locale=en

QUESTION: 57

A customer needs to replicate all data volumes and ensure both zero data loss and out of area protection. Which IBM DS8886 copy services function meets the customer requirements?

- A. FlashCopy SE
- B. z Global Mirror
- C. Metro Global Mirror
- D. IP Replication with SANSlide

Answer: C

References:

<http://www-01.ibm.com/support/docview.wss?uid=ssg1S7005243&aid=1>, page 111

QUESTION: 58

Which statement is true about the XIV model 314 and the DS8886?

- A. Neither the DS8886 nor the XIV rack can be expanded.
- B. Both the XIV and the DS8886 can be ordered for a customer supplied rack.
- C. The DS8886 rack can be expanded, but the XIV rack cannot be expanded.
- D. Both the DS8886 rack and the XIV rack can be expanded.

Answer: C

Explanation:

The IBM 2831 DS8880 family includes two high-performance models: DS8884 Model 980 with its associated DS8884 Expansion Unit Model 98B, and DS8886 Model 981 with its associated DS8886 Expansion Unit Model 98E. The rack ships as a 40U configuration that can be expanded to 46U at installation. The XIV model 314 Base unit model: Physical capacity, disk drives, processor memory, and host adapter values represent the maximum configuration (on a model basis) and do not include the resources associated with any attached expansion units,

References:

https://www.ibm.com/support/knowledgecenter/en/STJTAG/com.ibm.help.xivgen3.doc/Gen3/PG/xiv_pln3rackconfigurations.html

[http://www-](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_sm/4/872/ENUS2810-h04/index.html)

[01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_sm/4/872/ENUS2810-h04/index.html](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_sm/4/872/ENUS2810-h04/index.html) =en&request_locale=en

QUESTION: 59

A customer wants to do a model conversion from an IBM DS8870 to an IBM DS8886 and wants to reuse as much of the existing DS8870 as possible. Which part of the DS8870 can be reused?

- A. Power supplies
- B. Frames
- C. Processors
- D. Disk drives

Answer: A

Explanation:

The DS8880 power distribution system is based on the DS8870 power supply.

References:

<https://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=OC&subtype=NA&htmlfid=897/ENUS2834981&appname=totals>
storage

QUESTION: 60

A customer has a mainframe with z/OS and z/Linux and wishes to use both IBM DS8000 and IBM Spectrum Virtualize for storage. What should the technical specialist propose to the customer?

- A. 8-way multipathing and ALUA
- B. CKD and 8-way multipathing
- C. FB and CKD
- D. FB and ALUA

Answer: A

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