

# IBM

## Exam 000-453

### IBM System Storage DS8000 Technical Solutions V3

Version: 6.0

[ Total Questions: 70 ]

**Question No : 1**

Which function is unique to the DS8000 within the following IBM disk storage products: DS8000, XIV, Storwize V7000?

- A. Native encryption
- B. Support for SSDs
- C. Support for large form factor drives
- D. Support for native Fibre Channel connections

**Answer: A**

**Question No : 2**

Which tool can a customer use without assistance to determine whether a mixture of different disk types, in conjunction with Easy Tier, could improve performance on a DS8000?

- A. Disk Magic
- B. Capacity Magic
- C. Pre-Sales Advisor
- D. Storage Tier Advisor

**Answer: D**

**Question No : 3**

Which of the following statements about remote replication on the D38000 is true?

- A. Global Copy does not provide consistency
- B. Global Mirror has a maximum of 256 volumes
- C. Metro Mirror's longest supported distance is 100 kilometers
- D. Metro/Global Mirror can only be used for z/OS data

**Answer: A**

**Question No : 4**

What is the set of databases where objects can be accessed by sending SNMP get or set requests?

- A. SNMP MIB
- B. SNMPDTB
- C. SNMP SET/GET
- D. SNMP notifications

**Answer: A**

**Question No : 5**

Which of the following statements regarding the DSS000 Metro Mirror consistency group function is true?

- A. Metro Mirror consistency groups are not required to maintain data consistency across devices in a disaster situation.
- B. Simply enabling the Metro Mirror consistency group function on a PPRC path will provide consistency for all devices in this LSS.
- C. The consistency group functionality requires external automation such as Tivoli Storage Productivity Center V5.x or GDPS to work correctly.
- D. A Metro Mirror consistency group must be contained within a single primary disk subsystem.

**Answer: C**

**Question No : 6**

What is the standard topology for volume relationships in a DS8000 Global Mirror environment?

- A. Volume 1 is in a Global Mirror relationship with Volume 2.
- B. Volume 1 is in a Global Copy relationship with Volume 2. Volume 2 is in a FlashCopy relationship with Volume 3. Volume 1 and Volume 2 are also defined in the Global Mirror session.
- C. Volume 1 is in a Global Copy relationship with Volume 2. Volume 2 is in a FlashCopy relationship with Volume 3. Volume 1 is also defined in a Global Mirror session.
- D. Volume 1 is in a Metro Mirror relationship with Volume 2. Volume 2 is in a FlashCopy relationship with Volume 3.

**Answer: C**

**Question No : 7**

A D38870 administrator would access the GUI using:

- A. The POWER7 controller
- B. A browser
- C. Only the HMC
- D. A thick client

**Answer: B**

**Question No : 8**

A customer wants to be sure that all the volumes and LUNs associated with a program are copied at a consistent point in time.

Which disaster recovery function does the DS8000 support that this customer wishes to focus on?

- A. Consistency Groups
- B. Global Copy
- C. FlashCopy Manager
- D. Volume Copy

**Answer: A**

**Question No : 9**

Which of the following is true regarding Extent Pools on a D38000?

- A. A Fixed Block LUN can span multiple Extent Pools.
- B. A Fixed Block LUN can have extents from separate ranks within the same Extent Pool.
- C. A Count Key Data Volume can span multiple Extent Pools.
- D. A Count Key Data Volume cannot have extents from separate ranks within the same

Extent Pool.

**Answer: B**

**Question No : 10**

A customer wants to place some HDDs in a DS8870. The customer also wants to enable Easy Tier with SSD for all HDDs, but wants to minimize the amount of SSDs purchased.

Which option would be valid?

- A.** SSDs come in half drive sets (8 drives). Purchasing a single half drive set, if configured properly, would enable all the HDDs to be in an Easy Tier pool at the lowest cost.
- B.** SSDs come in full drive sets (16 drives). Purchasing a single full drive set, if configured properly, would enable all the HDDs to be in an Easy Tier pool at the lowest cost.
- C.** IBM never recommends less than 50% of the configured drives be SSD, so the customer should match the number of HDDs with the same number of SSDs.
- D.** IBM recommends a 2:1 ratio of HDDs to SSDs, so the customer should purchase half the number of SSDs compared to the number of HDDs purchased.

**Answer: B**

**Question No : 11**

When I/O Priority Manager is enabled, each volume in a D38800 is assigned to a performance group at the time of the volume creation.

What action will the DS8800 take to ensure that the most important volumes as defined to I/O Priority Manager receive the highest level of system resources available?

- A.** delay I/Os with lower performance policies
- B.** invoke Easy Tier for higher performance policy I/Os
- C.** move volumes with higher performance policy I/Os to faster disks or SSDS
- D.** allocate additional cache for volumes with higher performance policies

**Answer: A**