IBM

Exam C4090-453

IBM System Storage DS8000 Technical Solutions V3

Version: 6.0

[Total Questions: 66]

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 amixture 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 remotereplication 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 DSS000Metro 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 Copyrelationship 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 withVolume 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 recoveryfunction 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. SDDs 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