Vendor: IBM

Exam Code: 000-453

Exam Name: IBM System Storage DS8000 Technical Solutions V3 Exam

Version: DEMO

QUESTION 1

A customer is looking to open a new data center and has asked about raised floor requirements to accommodate cabling for the DS8870. What is the correct response?

A. D38870 power cables can only be connected under the floor as DS8870 always requires a raised floor for cooling purposes
B. Only a DS8870 with business class cabling can have top exit power cables
C. An RPQ is needed to allow top exit cabling for a DSSSJO with any expansion frames
D. There is a feature which allows power and EC cables to exit from the top of the DSSS7O frames

Answer: D

QUESTION 2

A customer has a DS8000 with 100 TB raw capacity' installed and running in their data center. All storage is for open systems workloads. There is 30 TB of unused capacity'. There are no Advanced Functions installed, but after a presentation from the Business Partner they are interested in using FlashCopy to help reduce their overnight batch window. How can this function be tested in compliance with the DS8000 licensing rules?

A. All Advanced Function software is loaded so it can be used in test mode for 45 days
B. A FlashCopy license for 30 TB is needed
C. A FlashCopy license for 100 TB is needed
D. Use the DSEA website to request a temporary' license

Answer: C

QUESTION 3

The exhibit represents a report from Capacity Magic. A customer wants to implement a mixed Open and System z environment. They will be using a combination of SSD, SAS and Nearline SAS drives. System z will require PAV. The NL-SAS drives will be used for FlashCopy targets for Open Systems and for Historical Report Data for z/OS. They wish to use Metro Mirror to replicate the Opens Systems production data to a remote site.

Capacity report

Each combination of DDM type, RAID configuration and platform is a separate Extent pool

	Install groups	RAID ranks	Physical Capacity (GB)	Extent Count	Effective Capacity (GB)	Effective Capacity (binary, GiB)	Effective Utilization
Total	–	67	257600.00	179603	181450.49	168988.94	70 %
By DDM type							
FC 2308 (300 GB 2.5" 15k (SAS))	18	36	86400.00	69914	66139.03	61596.77	77 %
FC 2608 (450 GB 2.5" 10k (SAS))	12	24	86400.00	60232	64673.62	60232.00	75 %
FC 2858 (3 TB 3.5" 7.2k)	3	3	72000.00	40327	41450.78	38604.05	58 %
FC 6106/6108 (400 GB 2.5" SSD)	–	4	12800.00	9130	9187.06	8556.12	72 %
By RAID type							
RAID 5	–	64	185600.00	139276	139999.71	130384.89	75 %
RAID 6	–	3	72000.00	40327	41450.78	38604.05	58 %
By Extent Pool Platform							
zSeries	–	39	116800.00	89221	84403.55	78606.94	72 %
Open	–	28	140800.00	90382	97046.93	90382.00	69 %

Which of the following best describes the minimum license requirements?

A. OEL = 258TB, MM = 258TB, FlashCopy = 258TB, PAV = 258TB, EICON = Yes
B. OEL = 258TB, MM = 141TB, FlashCopy = 141TB, PAV = 1 17TB, EICON = Yes
C. OEL = 258TB, MM = S7TB, FlashCopy = 87TB, PAV = 87TB, FICON = Yes
D. OEL = 173TB, MM = 87TB, FlashCopy = 48TB1 PAV = 87TB, FICON = Yes

Answer: B

QUESTION 4
Which of the following statements about the three-site solution Metro z/QS Global Mirror (MzGM) is true?

A. MzGM is a multi-target solution where the primary device is replicated both synchronously and asynchronously
B. MzGM can be managed by GDPS and Tivoli Storage Productively Center
C. MzGM does not support z/Linux data on CKD devices
D. MzGM supports distributed systems data on PB devices

Answer: A

QUESTION 5
The installation of a DSS000 cannot be performed by the Customer Engineer until the Customization and Configuration Worksheets have been completed. In which document are these worksheets found?

A. Pre-Sales Technical and Delivery Assessment (TDA)
B. DS8000 Introduction and Planning Guide
C. DS8000 Configuration and Options Guide
D. DS8000 Architecture and Implementation Redbook

Answer: B

QUESTION 6
A System z customer would like confirmation of the actual amount of additional storage capacity they will get if they add a drive set of 300 GB 15,000 rpm drives in a RAID 5 configuration. Which tool would be used to provide this information?

A. RMF Magic
B. Disk Magic
C. Comprestimator
D. Capacity Magic

Answer: D

QUESTION 7
With the DSS000, if a customer raises a Severity' I call with the Hardware or Software Support Center. IBM will work on the call 24 hours a day, seven days a week provided the customer does what?

A. Agrees to attend a daily teleconference and continues to emphasize the importance of the problem
B. Supplies all dumps, logs and traces that the device or component in error has produced
C. Escalates the problem within IBM to see if this route helps fix the issue first
D. Has people available to work 24 hours a day, seven days a week to match the Support Center's effort

Answer: D

QUESTION 8
Shortly after the installation of a DSS000 and before Call Home has been fully set-up, the
customer notices an error message relating to a failed DS8000 primary power supply. What
action should the customer take?

A. Wait for IBM to make contact
B. Raise a call with the IBM Hardware Support Center
C. Report it to their IBM or Business Partner pre-sales technical support person
D. Mention it to the IBM Customer Engineer at the next monthly review

Answer: B

QUESTION 9
A Business Partner has just received a REP from a customer for new disk subsystems for their
data centers which are 500 km apart. DS8000 Global Mirror will be proposed. The customer
wants to manage the replication environment using off-the-shelf software rather than custom
scripting. The customer already has EMC Symmetrix replicating between their data centers.
Which of the following should be proposed to manage the D58000 replication?

A. DS8000 Storage Manager GUI 6.3
B. Tivoli Storage FlashCopy Manager V3.1
C. EMC Recover Point 3.5
D. Tivoli Storage Productivity' Center V5.1

Answer: D

QUESTION 10
A new D58000 mixed mainframe and open storage customer would like to connect older open (2
Gbps) and mainframe servers (4 Gbps) to the DS8000 system's 8 Gbps host adapters. How can
this be done?

A. through the GUI, adjust the required FOP ports for open to 2 Gbps and the FIOON ports for
   mainframe to 4 Gbps link speed
B. the DS8OIJO supports 4 Gbps for mainframe connection; the 2 Gbps open systems connection
   must be connected via an intermediate SAN
C. the customer needs to change the server's HBA5 to an 8 Gbps link speed type
D. the D58000 8 Gbps Host Adapter ports auto-negotiate to 4 Gbps and 2 Gbps link speed

Answer: D