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High-End Tape V6

Version 3.5

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Topic 1, Volume A

QUESTION NO: 1

A customer has an IBM System Storage TS3500 Tape Library with IBM TS1120 Tape Drives in a System Managed Tape environment. A set of unlabeled outside tapes is received and must be read. What must be done to allow these tapes to be made available to the applications?

A. Nothing can be done as the TS3500 does not support unlabeled tapes in a z/OS environment.

B. To make these tapes available to the application, ISMF is used to alter the volume records and the ""Special Use Attribute"" is set to RDCOMPAT.

C. To make these tapes available to the application, the volume serial numbers must be entered in the tape management database as private volumes.

D. To make these tapes available to the application, the tapes should be inserted into the library CIO and further, the function fix volume unknown serial number should be executed.

Answer: A

QUESTION NO: 2

Which statement is true about Advanced Policy Management (APM)?

A. APM does not allow selection of larger volume sizes for the logical volumes.

B. Using APM, logical volumes can be grouped in a logical or physical tape library.

C. APM does not allow the retention time of virtual volumes in cache to be influenced.

D. Using APM, logical volume copies can be created on a different cartridge or a different site.

Answer: D

QUESTION NO: 3

A storage specialist want to minimize the Recovery Point Objective without lengthening job run time in an IBM TS7700 Virtual Tape Server Grid configuration used for disaster recovery. What are the best copy consistency point settings?

A. Cluster 0 = RR, Cluster 1 = DR

B. Cluster 0 = RN, Cluster 1 = DD

C. Cluster 0 = RD, Cluster 1 = DR

D. Cluster 0 = RR, Cluster 1 = RR

Answer: C

QUESTION NO: 4

A customer has given parameters to calculate a proposal for a new tape media purchase. Which parameter is most likely to change over time?

A. the number of backup copies kept

B. the cartridge type currently used

C. the daily increase of backup data

D. the current average compression ratio

Answer: C

QUESTION NO: 5

Which statement is true about mixing TS1130 and LTO drives in an IBM TS3500 Tape Library?

A. TS1130 and LTO cartridges must reside in separate library frames.

B. Data path failover does not work if both TS1130 and LTO drives are installed.

C. It is possible to mix TS1130 and LTO Tape Drives in the same logical library.

D. It is impossible to mix TS1130 and LTO Tape Drives in the same physical library.

Answer: A

QUESTION NO: 6

What is the native data transfer rate of the IBM TS1130 Tape Drive?

A. 80 MB/s

B. 100 MB/s

C. 120 MB/s

D. 160 MB/s

Answer: D

QUESTION NO: 7

Two hospitals are consolidating their IT operations. Management has decided to use IBM tape management systems to replace CA-Dynam/TLMS. Which of the following software products would replace CA-Dynam/TLMS?

A. TPC

B. TSM

C. DFSMSrmm

D. DFSMShsm

Answer: C

QUESTION NO: 8

A customer has an IBM TS3500 Tape Library with IBM TS1130 Tape Drives, but does not have the IBM High Availability frames. If the accessor fails, which action must be performed to resume operations?

A. contact IBM support

B. re-initialize the Library Manager

C. cycle between Pause and Auto mode

D. perform a re-inventory of the cartridges in the library

Answer: A

QUESTION NO: 9

Which compression method is used by the IBM 3592-E05 drive?

A. LZ1

B. ICRC

C. IDRC

D. SLDC

Answer: D

QUESTION NO: 10

Which Copy Consistency Point definitions provide the highest level of data protection in case of the loss of one of the clusters in a two cluster IBM System Storage TS7700 Virtualization Engine Grid configuration?

A. Cluster 0 = NR, Cluster 1 = RN

B. Cluster 0 = RR, Cluster 1 = RR

C. Cluster 0 = RD, Cluster 1 = RR

D. Cluster 0 = RR, Cluster 1 = DR

Answer: B

QUESTION NO: 11

Which repository is used in a system-managed tape environment to correlate the tape data set names and tape volsers?

A. TCDB

B. VTS Tape database

C. Tape Management Catalog

D. Library Manager database

Answer: C

QUESTION NO: 12

Which drives support open systems data path failover?

A. STK 9940B and IBM 3590H

B. STK 9940B and IBM TS1120

C. STK 9840C and IBM TS1120

D. IBM 3590H and IBM TS1120

Answer: D

QUESTION NO: 13

An installed IBM TS7700 Virtualization Engine is running out of physical scratch cartridges. There are no available empty slots in the library in which to insert additional physical cartridges. A new storage frame has been ordered and the customer wants to avoid problems due to low scratch cartridges until it arrives. Which temporary solution should be implemented?

A. disable the tape stacking feature

B. change the reclamation threshold

C. define more logical volumes available for use

D. migrate data from physical to logical volumes

E. define more physical volumes available for use

Answer: B

QUESTION NO: 14

Which component in an IBM TS7700 Virtualization Engine environment manages the stacked volumes?

A. TS7700 Vnode

B. TS7700 Hnode

C. Object Access Method

D. Tape Management System

Answer: B

QUESTION NO: 15

A customer wants a minimum number of native tape drives, physical cartridges, and physical movement of cartridges to support their mainframe tape vaulting environment. Which software solution will meet these requirements?

A. Export/Import (E/I)

B. Virtual Data Recovery (VDR)

C. Removable Media Management (RMM)

D. IBM Tivoli Storage Manager (TSM)

Answer: B

QUESTION NO: 16

What does Advanced Policy Management for selective dual copy do?

A. provides for automatic recovery of physical volumes

B. has a minimal impact on VTS throughput and capacity

C. eliminates logical media as a single point of failure

D. keeps primary and secondary copies on separate physical cartridges

Answer: D

QUESTION NO: 17

What does a Cluster Family definition in a TS7700 environment do?

A. indicates a grouping of grids within DFSMS

B. indicates a grouping of hosts to a TS7700 grid

C. indicates a grouping of clusters within the grid

D. indicates a grouping of tape libraries at one cluster

Answer: C

QUESTION NO: 18

Which function is NOT provided by IBM Tivoli Storage Manager (TSM) running on the IBM System z with z/OS?

A. space management of AIX systems

B. backup and recovery for z/OS datasets

C. backup and recovery for network clients

D. backup and recovery of the TSM database

Answer: B

QUESTION NO: 19

Which cache management action best gives the TS7700 the ability to maximize performance through efficient utilization of the cache?

A. assign frequently accessed volumes to PG0

B. assign frequently accessed volumes to PG1

C. assign additional back-end tape drives to pre-migration

D. assign a higher reclamation threshold to the common pool

Answer: B

QUESTION NO: 20

An IBM System Storage TS3500 Enterprise Automated Tape Library can be shared between a number of operating systems on a wide variety of platforms. Which statement explains how the IBM TS3500 can perform this function?

A. The IBM TS3500 Library Manager maintains a complete inventory of cartridges by system.

B. Each host system catalog contains entries for all tape cartridges in the TS3500 library.

C. The IBM TS3500 Library Manager maintains a complete inventory of each cartridge's contents.

D. The tape cartridges are assigned to logical libraries associated with cartridge assignment policies.

Answer: D

QUESTION NO: 21

How many tracks are written simultaneously using an IBM 3592-E05 recording head?

A. 16

B. 18

C. 24

D. 36