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# Q&A

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**Exam** : **000-749**

**Title** : IBM Certified Specialist -  
High End Tape V4

**Version** : DEMO

**1.A customer utilizes DFSMSHsm Migration Level 2, and has 10,000 IBM 3490E Enhanced Capacity cartridges. How many IBM 3592 JA Tape Cartridges are required for this amount of data if the cartridges are written in EFMT1 format?**

- A.17
- B.27
- C.37
- D.57

**Correct:B**

**2.How many (minimum to maximum number) of physical tape drives can be attached to a single cluster IBM TS7700 Virtualization Engine?**

- A.3 to 6
- B.4 to 6
- C.4 to 16
- D.6 to 12

**Correct:C**

**3.Which tape library solutions supports high availability in a z/OS environment?**

- A.IBM TS3200
- B.IBM TS3500
- C.IBM 3584-L53
- D.IBM 3494-B20

**Correct:B**

**4.Which of the following determines the target library for a SPECIFIC allocation in an SMS managed tape environment?**

- A.JCL
- B.TCDB
- C.ACS routines
- D.Library Manager categories

**Correct:B**

**5.How much more uncompressed data could be transferred in an hour to an IBM 3592-E05 tape drive than the STK 9840C?**

- A.100GB
- B.152GB
- C.252GB
- D.540GB

**Correct:C**

**6.A business partner has been asked to provide a customer briefing on the latest tape technology available from IBM and its competitors. Which resources can be used to obtain current information and presentation materials? I. PartnerWorld Web Site II. CompeteLine III. Hardware Support Center. IV. IBM Storage Web Site.**

- A.I, II, IV
- B.I, II, III
- C.II, III, IV
- D.II and IV only

**Correct:A**

**7.Which of the following is used in a System Managed Tape environment to correlate the tape volume serial numbers and the library slot location?**

- A.TCDB
- B.VTS Database
- C.Tape Management Catalog
- D.Library Manager Database

**Correct:D**

**8.Which of the following does IBM Tivoli Storage Manager on IBM System z use to manage its tape volumes?**

- A.TCDB
- B.ITSM Database
- C.CA-1 database
- D.ITSM Tape file

**Correct:B**

**9.A customer has three data centers currently using IBM 3590-B11 tape drives with 2500 cartridges per location on IBM System z. The manager wants to consolidate everything into one location to reduce and simplify their backup operations. Considering data growth, reduced tape mount time and tape operations personnel, which solution best meets this customer's needs?**

- A.Upgrade IBM 3590-B11 to IBM 3590-H11 drives.
- B.Install an IBM TS3500 Tape Library and copy the 3590 data.
- C.Install rack-mounted IBM TS1120 tape drives and copy the 3590 data.
- D.Install an IBM TS3500 with an IBM TS7700 Virtualization Engine and copy the 3590 data.

**Correct:B**

**10.A Request for Proposal (RFP) has been received describing the implementation of a centralized data backup solution. The customer has five campus buildings inter-connected with 100 Mb coaxial Ethernet. Every building has three servers and each server has a 2 GB database that requires nightly backup. The backups must be completed in a four-hour window. A technical staff person attending an IBM roadshow heard about IBM Tivoli Storage Manager and is considering implementing this solution. What is the next step to be performed by a Business Partner sales representative?**

- A.Call IBM TechLine/PartnerLine to provide the solution
- B.Commit to a six week trial of an integrated solution
- C.Contact Tivoli for an analysis and software quote
- D.Engage a technical specialist to develop a solution

**Correct:D**

**11.What information is necessary to determine the number of cartridge slots currently under STK silo automation?**

- A.The number of installed Timberline drives (9490)
- B.The number of installed Library Storage Modules (LSM)
- C.The number of installed Library Management Units (LMU)
- D.The number of installed Automated Cartridge Systems (ACS)

**Correct:B**

**12.A customer has 50,000 IBM 3490E cartridges utilizing IDRC. An IBM TS7700 Virtualization Engine configuration is proposed within this environment. Which factor will affect the number of**

**stacked volumes?**

- A.DFSMS default setup parameters
- B.The number of VTS backend drives
- C.The size of the tape volume cache
- D.The average size of the tape volumes

**Correct:D**

**13.IBM TS1120 Tape Drives are attached to an IBM TS1120 Tape Controller. Which of the following factors will have the LEAST effect on the overall throughput performance of this configuration?**

- A.Block size
- B.Type of data
- C.Length of tape
- D.Number of channels

**Correct:C**

**14.A Data Center manager wants to reduce operational storage management requirements. They currently have an IBM System z server, several IBM System p servers and multiple non-IBM UNIX servers installed. Each system uses a unique non-IBM backup tool with various types of tape systems. Which is the most complete solution to simplify operations and reduce storage management costs?**

- A.Use CA Unicenter to back up all installed servers
- B.Use IBM Tivoli Storage Manager and DFSMSHsm to provide backup of supported servers
- C.Install IBM Tivoli Storage Manager to provide backup services for supported servers
- D.Install IBM Tivoli Storage Manager for IBM System z

**Correct:B**

**15.A hospital has an IBM System z platform and wants to start digitizing all patient files. They plan to store patient files online for the first six months and then move them to a tape library. Which solution best meets this customer's needs?**

- A.ITSM
- B.DFSMSHsm
- C.ARCserve
- D.StorageGuard

**Correct:B**

**16.A customer has an IBM 3494 Tape Library, eight IBM 3590-H1As and an IBM 3592-J70 controller in a z/OS environment. They want to replace the IBM 3590-H1As with IBM TS1120. In addition to the drives and upgrade to the drive frame, which component is required to accomplish this?**

- A.Fibre switch
- B.Dual Gripper
- C.IBM 3592-C06
- D.Adjacent Frame Support

**Correct:A**

**17.The customer environment is z/OS. They want to implement IBM TS1120 tape encryption using ICSF. Which encryption solution should the customer implement?**

- A.User Managed
- B.System Managed
- C.Library Managed

D.Application Managed

**Correct:B**

**18.Which of the following does NOT support non-disruptive firmware upgrades?**

- A.IBM LTO Generation 2 tape drives
- B.IBM System Storage TS3500 Tape Library
- C.IBM System Storage TS1120 Tape Drives
- D.IBM System Storage TS3200 Tape Library

**Correct:A**

**19.Which provides a point-in-time view of the customer's tape data environment?**

- A.SMF data
- B.EREP history file
- C.LOGREC MDR records
- D.Tape Management Catalog

**Correct:D**

**20.A customer has a vaulting application using IBM 3590 Model B1A Tape Drives, and is sending 500 3590 Extended High Performance Cartridge Tape ("K") cartridges offsite each day. The customer is upgrading to IBM TS1120 Tape Drives running in native (E05) mode. What is the minimum number of IBM 3592 JA Tape Cartridges, (assuming maximum utilization of the native capacity of the cartridges) that the customer would send offsite each day?**

- A.10
- B.20
- C.30
- D.50

**Correct:B**