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Q&A

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Exam : **HP0-244**

Title : Advanced Backup
Troubleshooting & Tuning

Version : DEMO

1.HP Ultrium tape drives use the ATS (Adaptive Tape Speed) feature. The main purpose of ATS is to increase ____.

- A.buffer capacity by varying the speed of the tape
- B.tape write speed by adjusting the host transfer rate
- C.overall performance by reducing the number of repositions
- D.tape read speed by adjusting the host transfer rate

Correct:C

2.What is the maximum cable length of an LVD SCSI bus?

- A.7 m
- B.12 m
- C.20,5 m
- D.25 m

Correct:B

3.What happens if you connect an HVD (High Voltage Differential) HBA (host bus adapter) to an LVD (Low Voltage Differential) tape device?

- A.The devices function correctly if you setup unique SCSI IDs and have proper termination.
- B.The devices do not function together and you may damage them.
- C.The devices function correctly after setting up the compatibility mode for the HBA.
- D.The devices do not function together unless you use active termination.

Correct:B

4.What is an advantage of the Cartridge Memory (a memory chip located in the cartridge) of the LTO Ultrium technology (LTO-CM) over previous tape technologies?

- A.It eliminates the need for barcodes and barcode readers in tape libraries.
- B.Data such as tape identity, type, usage and tape contents is read from a chip rather than the system area on tape, which reduces the wear and tear of that particular section.
- C.It contains troubleshooting information from the tape drive which can help to reduce overall repair times.
- D.The Ultrium drive reads data for firmware upgrades from a chip rather than a tape which increases the speed of the upgrade procedure.

Correct:B

5.The DLT tape backward read compatibility of HP SuperDLT drives is possible due to the ____.

- A.Magneto-Resistive Cluster (MRC) technology
- B.additional magnetic read-head
- C.Pivoting Optical Servo (POS) technology
- D.low-dens mode switch

Correct:B

6.SCSI bus termination is ____.

- A.optional
- B.required and there must be one terminator for each device on the bus
- C.required and there must be two terminators, one on each end of the bus
- D.required and done automatically by all SCSI devices

Correct:C

7.Which tool, available at the HP web site, can size and configure the ideal backup solution for DAS, NAS and SAN environments using information you specify?

- A.HP OpenView Data Protector configuration scripiter

- B.Backup Sizing Tool
- C.Enterprise Backup Solution Configuration Matrix
- D.HP StorageWorks Library and Tape Tools

Correct:B

8.Which HP StorageWorks tape drive is the most appropriate choice for enterprise businesses with 150 GB of data to backup?

- A.DAT 24
- B.DAT 72
- C.DLT VS 80
- D.Ultrium 460

Correct:D

9.Click the Exhibit button. A customer has one single ESL9326D/DX with 4 DLT8000 drives. Which tape drive is supported for the next drives being installed in this library?

| Upgrade to drive | SDLT 220 (Ultra 2 SCSI) | SDLT 320 (Ultra 2 SCSI) | Ultrium 230 (Ultra 2 SCSI) | Ultrium 460 (Ultra 3 SCSI) | Media Partitioning | Media Partitioning | Media Partitioning |
|------------------|--|---|--|---|----------------------|----------------------|--------------------|
| Library | | | | | DLT8000 & SDLT | SDLT & LTO | Ultrium 230 & 460 |
| ESL9198DLX | Supported | Supported | Supported | Supported | Supported (LVD only) | Supported (LVD only) | Supported |
| requires | 249632-821 ESL9000 SDLT Ext axis kit upgrade 234617-821 ESL 9000 Field Upgrade SDLT220 Add-On LVD Drive | 249632-821 ESL9000 SDLT Ext axis kit upgrade 293414-821 ESL9000 LVD SDLT320 drive upgrade 274673-821 ESL9000 5 MB Memory Module | 249632-821 ESL9000 SDLT Ext axis kit upgrade 301930-821 ESL9000 LTO Ultrium 230 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF | 249632-821 ESL9000 SDLT Ext axis kit upgrade 330834-821 ESL9000 LTO Ultrium 460 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF (configure single drive per SCSI bus) #2400-T60 embedded NSR and M2402 external NSR are Ultra 3 SCSI | | | |
| ESL9198SL | Supported | Supported | Supported | Supported | Supported (LVD only) | Supported (LVD only) | Supported |
| requires | 234617-821 ESL 9000 Field Upgrade SDLT220 Add-On LVD Drive | 293414-821 ESL9000 LVD SDLT320 drive upgrade 274673-821 ESL9000 5 MB Memory Module | 301930-821 ESL9000 LTO Ultrium 230 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF | 330834-821 ESL9000 LTO Ultrium 460 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF (configure single drive per SCSI bus) #2400-T60 embedded NSR and M2402 external NSR are Ultra 3 SCSI | | | |
| ESL9326D/DX | Supported (HVD only) | Supported (HVD only) | Not supported | Not supported | Supported (HVD only) | Not supported | Not supported |
| requires | 249632-821 ESL9000 SDLT Ext axis kit upgrade 234617-822 ESL 9000 SDLT220 Add-On HVD Drive | 249632-821 ESL9000 SDLT Ext axis kit upgrade 293415-821 ESL9000 HVD SDLT320 drive upgrade 274673-821 ESL9000 5 MB Memory Module | X | X | | X | X |
| ESL9326SL | Supported | Supported | Supported | Supported | Supported (LVD only) | Supported (LVD only) | Supported |
| requires | 234617-821 ESL 9000 SDLT220 LVD upgrade Drive | 293414-821 ESL9000 LVD SDLT320 drive upgrade 274673-821 ESL9000 5 MB Memory Module | 301930-821 ESL9000 LTO Ultrium 230 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF | 330834-821 ESL9000 LTO Ultrium 460 Upgrade Drive 274673-821 ESL9000 5 MB Memory Module 302254-821 ESL9000 UNIVERSAL L/OAD PCIF (configure single drive per SCSI bus) #2400-T60 embedded NSR and M2402 external NSR are Ultra 3 SCSI | | | |

- A.DLT 8000 drives only
- B.SDLT220 or SDLT320
- C.DLT8000, SDLT220 or SDLT320
- D.SDLT220, SDLT320 or Ultrium230

Correct:C

10.Click the Exhibit button. A customer installed Virtual Replicator on a Windows 2000 host. Which backup applications are supported for backing up the Virtual Replicator disks? Select TWO.

| STORAGE HARDWARE / SOFTWARE COMPATIBILITY MATRIX | | Libraries AutoLoaders Operating Systems RAID Arrays Infrastructure Servers Fibre HBAs SCSI HBAs Software Disk Array Multipath Firmware & Drivers Backup App Details Legacy Support | | | | | | | | | |
|---|-------------------|---|------------------|------------------------|------------------|------------------|------------------|-------------------------|------------------------|---------------------|-------------------|
| | | February 2004 | | | | | | | | | |
| | HP Data Protector | Atempo Time Navigator | BakBone NetVault | CA BrightStor ARCserve | CA BrightStor EB | CommVault Galaxy | Legato NetWorker | Syncsort Backup Express | Tivoli Storage Manager | VERITAS Backup Exec | VERITAS NetBackup |
| OpenView | | | | | | | | | | | |
| Storage Virtual Replicator | | | | ✓ | | | ✓ | | ✓ | ✓ | ✓ |
| OV-SAM | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Zero Downtime with XP | ✓ | | | | | | | | | | |
| Instant Recovery with XP | ✓ | | | | | | | | | | |
| StorageWorks | | | | | | | | | | | |
| Command View for ESL | ✓ | | | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ |
| Continuous Access | | | | ✓ | | | ✓ | | ✓ | ✓ | NT/WIN2K only |
| Business Copy EVA | ✓ | ✓ | | ✓ | | ✓ | ✓ | | ✓ | NT/WIN2K only | NT/WIN2K only |
| Business Copy XP | ✓ | | | | | | | | | | |
| Tools and Utilities | | | | | | | | | | | |
| Smart Start | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Insight Manager | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

- A. HP Data Protector
- B. Legato Networker
- C. Tivoli Storage Manager
- D. CommVault Galaxy
- E. CA BrightStor EB

Correct: B C