

Exam : HP HP0-921

Title : Supporting the Enterprise Modular
Library(EML)

Update : Demo

1.A customer wants to purchase a second EML 245e library. What must be ordered in addition to the EML 103e base module?

- A.redundant power supply
- B.EML Command View License
- C.EML Secure Manager License
- D.EML capacity expansion module

Correct:B

2.A customer needs a library with a minimum of 120 TB capacity and an expected compression ratio of 1:2. Which libraries most economically meet the customer's needs? (Select two.)

- A.EML 103e with LTO3 tape drives
- B.EML 245e with LTO2 tape drives
- C.EML 245e with LTO3 tape drives
- D.EML 442e with LTO2 tape drives
- E.EML 442e with LTO3 tape drives

Correct:C D

3.A customer needs a throughput of 5 TB/hr with an expected data compression ratio of 2:1. Which library best meets the customer's requirements?

- A.EML 103e with LTO3 tape devices
- B.EML 245e with LTO 2 tape devices
- C.EML 245e with LTO 3 tape devices
- D.EML 442e with LTO 3 tape devices

Correct:D

4.When completing the installation process in an EML E-Series tape library, how can you verify that the Fibre Channel links are functioning correctly?

- A.Power cycle the tape library and check the OCP messages.
- B.Execute the fcping diagnostic utility from the management station.
- C.Issue the diaggetput command from the Command Line Interface.
- D.Disconnect and reconnect the cables and check the link indicators.

Correct:D

5.Click the Exhibit button. A customer wants to use an EML E-Series library with partitioning in a Linux environment. Which backup software is suitable for this solution?

Advanced Library Features						
DAS, DAF, and SAN Support	HP Data Protector	CA BrightStor ARCserve	EMC Legato NetWorker	IBM Tivoli Storage Manager	Symantec Backup Exec	Symantec NetBackup
Enterprise Libraries	IMPORTANT: See the Backup Application Details page for the latest supported versions of backup software.					
ESL E-Series 2 Unit Cross Link ¹	✓	✓ ³	✓	✓		✓
ESL E-Series 3-5 Unit Cross Link ¹	✓			✓		✓
ESL 9000 Multi-Unit Scalability ¹	✓	✓ ³	✓	✓		✓
ESL Mixed Media	✓	✓ ³	✓	✓	✓ ⁴	✓
ESL Partitioning	✓	✓ ³	✓	✓	✓ ⁴	✓
EML Partitioning	✓		✓	✓	✓ ⁴	✓

- A.Symantec NetBackup
- B.Symantec Backup Exec
- C.CA Brightstor ARCserve
- D.Syncsort Backup Express

Correct:A

**6.What are the main considerations when choosing a location for an EML E-Series tape library?
(Select three.)**

- A.floor space
- B.room height
- C.power requirements
- D.lighting requirements
- E.grounding requirements
- F.distance to disk storage

Correct:A C E

**7.What do you check to verify the interface controller configuration in an EML E-Series tape library?
(Select three.)**

- A.host access
- B.LAN connection
- C.power redundancy
- D.robot arm movement
- E.Fibre Channel speed setting
- F.Fibre Channel connection type

Correct:A E F

8.What is a consideration when using a UPS with an EML E-Series library?

- A.The UPS power must last long enough to finish active backup jobs.
- B.The load of the UPS should not exceed eighty percent of the UPS marked electrical current rating.
- C.The UPS must be connected to the Interface Manager serial connector to allow the UPS to shut down the EML if a power failure occurs.
- D.The UPS must be connected to the Interface Controller serial connector to allow the UPS to stop the tape drives if a power failure occurs.

Correct:B

9.What are the minimum requirements to use the Command View TL graphical user interface (GUI)?

- A.interface controller and Command View TL
- B.management station and Command View TL
- C.interface controller, Command View TL, and GUI client with a supported Web browser
- D.management station, Command View TL, and GUI client with a supported Web browser

Correct:D

10.Click the Exhibit button. A customer wants to use an EML103e tape library with Data Protector 5.1. The library firmware is 1070, the Interface Manager has firmware i180 and the e2400-FC 4G has firmware 5.7.1f loaded. The Command View TL version is 1.70. Using the Exhibits as a reference, what must be changed before the library can be used?

HP StorageWorks EBS Compatibility Matrix		Index	Libraries and Applications	Backup Ap
		Tru64/OVMS	AIX	NetWare RAID Arrays
Backup Application Details				
HP Automation Device	HP Data Protector	CA BrightStor ARCserve	EMC Legato NetWorker	
Enterprise Class Libraries		*** Application versions listed in the below the required minimum to support the		
ESL E-Series	5.0	9.0	6.0	
EML E-Series	5.1	9.0	7.0	
ESL 9000 Series	5.0	9.0	6.0	

- A.No changes are needed.
- B.Data Protector must be upgraded to version 6.
- C.Command View TL needs an upgrade to version 1.80.
- D.Interface Manager needs firmware i171 and the Interface Controller needs 5.7.1b.

Correct:C

11.Where can you check if SIPP (Simple Internet Protocol Plus) is running and how it is configured?

- A.Service Tab of the library front panel
- B.HP Menu of the Interface Controller CLI using a serial connection
- C.Status Menu of the Robotics controller CLI using a serial connection
- D.Configuration Menu of the Interface Manager CLI using a serial line or telnet

Correct:B

12.Which type of backup is recommended for data file sizes less than 64 KB?

- A.image
- B.snapshot
- C.file-by-file
- D.direct access

Correct:A

13.Which HP tools can be used to do a backup pretest on the storage array? (Select three.)

- A.Perfmon
- B.HP TapePerf
- C.HP ReadData
- D.HP CreateData
- E.Library & Tape Tools
- F.PAT (Performance Assessment Tool)

Correct:C E F

14.Which statement is correct concerning replacing a failed Ultrium tape drive in an EML E-Series library?

- A.The library must be rebooted to recognize the new drive.
- B.The library must be powered off before replacing the new drive.
- C.The library must be offline with no I/Os going to any other drives.
- D.The library automatically recognizes the new drive without rebooting.

Correct:A

15.Which HP tool is used to measure sequential performance?

-
- A.I/OMeter
 - B.TapePerf
 - C.HPReadData
 - D.Performance Assessment Tool

Correct:D

16.Which FRU of an EML E-Series tape library comes with a CLI port accessible over serial line for use with a terminal emulation program? (Select two.)

- A.front panel
- B.robotics controller card
- C.interface manager card
- D.interface controller card
- E.interface manager memory card

Correct:C D

17.Which HP tools can be used to measure restore performance? (Select two.)

- A.HP TapePerf
- B.HP ReadData
- C.HP CreateData
- D.Library & Tape Tools
- E.Performance Assessment Tool

Correct:C D

18.When replacing a failed Interface Manager card in an EML E-Series tape library, what must you do to preserve the original configuration information?

- A.Print the configuration to file and then restore using ftp.
- B.Backup the configuration and then restore it using Command View TL.
- C.Move the memory card from the old to the new Interface Manager card.
- D.Save the configuration to floppy disk and recover the configuration using the serial Command Line Interface.

Correct:C

19.Compared to an Ultrium 460 tape drive, what is the transfer rate for native data of an Ultrium 960 drive?

- A.slightly lower
- B.approximately the same
- C.more than 2.5 times higher
- D.approximately 2 times higher

Correct:C

20.What is the control path from the host to the robotics controller?

- A.from the host directly using SCSI over IP
- B.from the host to the Interface Controller using SCSI over Fibre Channel, and from there to the robotics controller, also using SCSI over Fibre Channel
- C.from the host to the Interface Controller using SCSI over Fibre Channel, and from there to the robotics controller using SIPP (Simple Internet Protocol Plus) over the internal Ethernet connection.
- D.from the host to the Interface Manager using IP over Ethernet, and from there to the robotics controller using SIPP over the internal Ethernet connection

Correct:C

21.What can you do to make the power-up faster while troubleshooting a 71e library?

- A.Remove all media from the library.
- B.Power up the library with the load port door open.
- C.Disable the auto audit, remembering to re-enable it and reboot the library before leaving the customer site.
- D.Configure inventory mode to barcode labels not required, remembering to reset bar code labels required before leaving the customer site.

Correct:C

22.Which part of an EML library configuration is stored only on the Interface Manager Compact Flash memory card?

- A.partitioning configuration
- B.robotics controller configuration
- C.Interface Manager configuration
- D.interface controller configuration

Correct:A

23.What is the most critical factor affecting performance at the disk subsystem during a backup?

- A.tape feed speed
- B.compression ratio
- C.disk fragmentation
- D.disk connection speed

Correct:C

24.A customer has an EML library with four LTO-3 tape drives connected to an e2400-FC 4Gb/s Interface Controller. The expected compression ratio is 1:2. The LTO-3 tape drives have a native read/write speed of minimum 27 MB/s and maximum 80 MB/s. Which statement is correct concerning expected performance? (Select two.)

- A.The Interface Controller is not a bottleneck when connected to one host side Fibre Channel port. All LTO-3 tape drives can run in the fastest streaming mode.
- B.The Interface Controller is a bottleneck when connected to one host side Fibre Channel port. All LTO-3 tape drives can run only in a reduced streaming mode.
- C.The Interface Controller is not a bottleneck when connected to one host side Fibre Channel port. All LTO-3 tape drives can run only in a reduced streaming mode.
- D.The Interface Controller is not a bottleneck when connected to both host side Fibre Channel ports and the drives are load balanced. All LTO-3 tape drives can run in the fastest streaming mode.
- E.The Interface Controller is a bottleneck when connected to both host side Fibre Channel ports and the drives are load balanced. All LTO-3 tape drives can run only in a reduced streaming mode.

Correct:B D

25.Which statement is correct about RoHS (Restriction of Hazardous Substances) compliant and non-RoHS compliant parts?

- A.All parts are forward/backward compatible.
- B.All RoHS compliant parts are backward compatible and can be used in the non-RoHS compliant libraries.
- C.The only non-RoHS compliant part is the card cage; it is not interchangeable with non-RoHS compliant

libraries.

D.FRUs are categorized as forward/backward compatible, only backward compatible, only forward compatible or unchanged.

Correct:D

26.Where do you find information regarding backup performance in a SAN environment? (Select two.)

- A.SAN Design Guide
- B.EBS Design Guide
- C.EBS Compatibility Matrix
- D.EML E-Series User Guide
- E.Performance Troubleshooting Guide

Correct:B E

27.You are at a customer site to repair an EML E-Series tape library. What is the first thing to consider before replacing any defective parts?

- A.firmware revision levels
- B.how the fault was caused
- C.customer site procedures
- D.the part replacement procedure

Correct:C

28.What is the preferred diagnostic tool for diagnosing EML 71e library problems?

- A.OCP
- B.CommandView TL
- C.Library & Tape Tools
- D.serial connection to robotic controller

Correct:B

29.Click the Task button. Arrange the steps of removing a new style Robotics unit from a working EML library in the correct sequence by dragging and dropping the boxes. Click the Help button for instructions on completing drag and drop items.

Arrange the steps of removing a new style Robotics unit from a working EML library in the correct sequence by dragging and dropping the boxes.

Steps:

Step 1:

place here

Step 2:

place here

Step 3:

place here

Step 4:

place here

Step 5:

place here

Step 6:

place here

Actions to select:

Switch off the library.

Issue the Unlock Door Command in the front panel.

Pull the retraction handle to retract the lift flex cable.

Open the small door on the robotics.

Open the center door.

Push the latch on the right and remove the robotics.

Correct:

Green choice3---->Yellow Choice2

Green choice2---->Yellow Choice1

Green choice1---->Yellow Choice3

Green choice4---->Yellow Choice4

Green choice6---->Yellow Choice5

Green choice5---->Yellow Choice6

30.What can cause excessive R/W-head wear due to tape repositioning cycles?

A.file size

B.block size

C.feed speed

D.compression ratio

Correct:C