

**Exam Code:** HP0-921

**Exam Name:** Supporting the Enterprise Modular Library  
(EML)

**Vendor:** HP

**Version:** DEMO

## Part: A

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 Answers: 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 Answers: 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 Answers: 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 Answers: 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	<b>IMPORTANT:</b> See the <a href="#">Backup Application Details</a> page for the latest supported versions of backup software.					
ESL E-Series 2 Unit Cross Link <sup>1</sup>	✓	✓ <sup>3</sup>	✓	✓		✓
ESL E-Series 3-5 Unit Cross Link <sup>1</sup>	✓			✓		✓
ESL 9000 Multi-Unit Scalability <sup>1</sup>	✓	✓ <sup>3</sup>	✓	✓		✓
ESL Mixed Media	✓	✓ <sup>3</sup>	✓	✓	✓ <sup>4</sup>	✓
ESL Partitioning	✓	✓ <sup>3</sup>	✓	✓	✓ <sup>4</sup>	✓
EML Partitioning	✓		✓	✓	✓ <sup>4</sup>	✓

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

**Correct Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Appliance
		Tru64/OVMS	AIX	NetWare
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	

Interface Manager Firmware Required Minimum Component							
	i150	i155	i160	i161	i170	i171	i180
e2400FC 4Gb Interface Controller (FCFC)	N/A	N/A	N/A	5.7.06	5.7.18	5.7.1b	5.7.1f
e2400FC 2Gb Interface Controller (FCFC)	5.6.41	5.6.69	5.6.78	5.6.7a	5.6.87	5.6.87	5.6.8c
e2400-160 Interface Controller (FCSCSI)	5.6.41	5.6.69	5.6.78	5.6.7a	5.6.87	5.6.87	5.6.8c
NSR E2400	5.6.41	5.6.69	5.6.78	5.6.7a	5.6.87	5.6.87	5.6.8c
NSR E1200-160	5.6.41	5.6.69	5.6.78	5.6.7a	5.6.87	5.6.87	5.6.8c
ESL 9595/9322	3.55	3.55	3.60	3.60	3.60	3.60	3.60
ESL 9198/9326	3.55	3.55	3.60	3.60	3.60	3.60	3.60
ESL E-Series 712e/630e	3.00	3.00	4.10	4.10	4.60	4.60	4.85
ESL E-Series 322e/286e	3.00	3.00	4.10	4.10	4.60	4.60	4.85
EML E-Series	N/A	1016	1022	1022	1022	1022	1070
JAVA Run Time	1.4.2	1.4.2	1.4.2	1.4.2	1.4.2	1.4.2	1.4.2
Command View TL	1.50	1.5.05	1.6.00	1.6.01	1.7	1.7	1.8.00

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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: A**

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

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

**Correct Answers: D**