

## Pass IBM C4090-958 Exam

Number: C4090-958

Passing Score: 800

Time Limit: 120 min

File Version: 36.6



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**Exam Code: C4090-958**

**Exam Name: Enterprise Storage Technical Support V3**

## Examsoon

### QUESTION 1

A customer has just learned that a brand new TS7650G ProtecTIER installation will not run as a virtual tape library with Symantec's NetBackup OST feature concurrently.

When should this implementation situation have been discovered?

- A. The Pre-Sales site survey
- B. The Pre-Install Technical and Delivery Assessment
- C. The Solution Communication Vehicle (PTSCV) spreadsheet
- D. The pre-qualification task performed by the subject matter expert for the disk arrays

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Which function controls host access to a volume in a switched fabric?

- A. LUN masking
- B. Port masking
- C. Private loops
- D. Buffer to buffer credits

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 3

What is the maximum number of drives supported in a SONAS single array?

- A. 2048
- B. 4096
- C. 7200
- D. 10000

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 4

A customer with a DS8800 believes that additional host ports need to be connected into the SAN environment. Which resource or application would be used to determine whether the customer's suspicions are correct?

- A. IBM Tivoli NetCool

- B. Tivoli Storage Productivity Center
- C. Storage Manager Performance Monitor
- D. D58999 Performance Monitoring and Tuning Redbook

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 5

A customer is building a VMware infrastructure for several hundred VM guests. Many of these guests run mission-critical applications with large numbers of users.



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Which feature of XIV Gen3 should be emphasized with this customer?

- A. Ease of creating volumes with the GUI
- B. Ability to create several thousand snapshots of volumes
- C. Detailed performance history can be exported from the array
- D. Data is spread over all the drives in the system, eliminating hot spots

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 6

How many cache controllers does a fully-loaded IBM Virtualization Engine TS7720 with a base frame and expansion frame contain?

- A. 1
- B. 2
- C. 3
- D. 10

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

A Business Partner has completed the sale of an XIV Gen3. What is the most important step to ensure customer satisfaction?

- A. Discuss delivery requirements with the customer
- B. Conduct a pre-install Technical Delivery Assessment
- C. Ensure the customer has prepared all necessary network cabling
- D. Ask the customer if they have power installed for the new system

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 8**

A customer has asked that IBM propose a solution to replace a data warehouse that currently resides on two EMO DMX systems. Several staff retired recently, and there is one remaining junior storage administrator. The current solution has approximately 200 usable TB of storage and sees maximum throughput at just under 600 MB/sec and 30,000 IOPS.

Which solution should be proposed?

- A. A D58700 with 3 TB drives
- B. A Storwize V7000 with 3 TB drives
- C. SONAS configuration with 3 TB Drives
- D. A full frame XIV Gen3 with 3 TB drives

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

A customer is planning the installation of a new SAN Volume Controller cluster in their S Gbps Brocade environment. They have asked the technical specialist for potential configuration oversights.

What should the technical specialist recommend to the customer?

- A. Ensure the principal and subordinates are segmented
- B. Utilize hard zoning for hosts to access the SAN Volume Controller
- C. Set the fill word mode to 3 for the SAN Volume Controller connections
- D. Open the SAN Volume Controller management IP address for routine security scanning

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

Referring to the exhibit, what does standard black text identify when reviewing Solution Assurance Trigger Criteria for a Technical and Delivery Assessment (TDA)?

2107, 242x	921, 922, 9A2, 931, 932, 9B2		FICL	<b>FICL</b>	DS8000	SA682
242x	941, 94E		FICL	<b>FICL</b>	DS8000	SA881
242x	951, 95E		FICL	<b>FICL</b>	DS8000	SA948
		0720, 0723, 0730, 0733	<b>FICL</b>	<b>FICL</b>		SA682 - DS8100/ 8300 SA881 - DS8700  SA948 - DS8800

- A. A TDA is mandatory
- B. A TDA is not required
- C. A TDA is highly recommended
- D. A TDA is applicable only to upgrades

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 11**

A customer has an archiving requirement that is considered Big Data. Every 8 hours an average of 4.5 Petabytes of data must be written to tape. The customer currently is considering Oracle SL8500 to meet this requirement.

Why would the IBM TS3500 be a better technical fit?

- A. Only T33500 is capable of meeting the throughput requirements.
- B. TS3500 has full support for ACSLS, allowing faster server throughput.
- C. T33500 is capable of faster handoffs due to its greater number of tape robots.
- D. TS3500 can meet this throughput requirement without requiring native compression.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

A customer tells a technical specialist that EMC stated XIV has a double drive failure problem because XIV has a 180 drive RAID group.

What is the best response to this competitive statement?

- A. EMC has double drive failure issues as well.
- B. EMC deploys different drive types and sizes making their reliability issues much more complicated.

- C. EMC uses RAID protection. The high load on drives during RAID rebuilds, that cause dual drive failures, do not exist on XIV.
- D. EMC employs wide striping across many RAID groups, so they have the possibility of high data loss in the event of a dual drive failure too.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 13

A technical specialist is holding a general discussion with a customer who has a large volume of block and file data. The customer tells the specialist that their company's storage maintenance is coming up for renewal and that they are facing pressure from within the company to adopt a Cloud Strategy. The customer's main technical concern is to avoid downtime with migration.

Which solution provides native support for this strategy?

- A. XIV
- B. DS8000
- C. StorwizeV7000
- D. Storwize V7000 Unified

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 14

A D38800 logical volume is composed of a set of what?

- A. Extents from one extent pool
- B. Extents from both server groups
- C. Extents from only one array site
- D. Extents from a multiple array rank

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 15

To effectively perform a comparative analysis, a customer needs to compare the form, function, and features of IBM technology to equivalent technology from EMC.

Where can the technical specialist find this information?

- A. TCOnow!
- B. CompeteLine
- C. Alinean tool

D. Storage Performance Council

Correct Answer: B

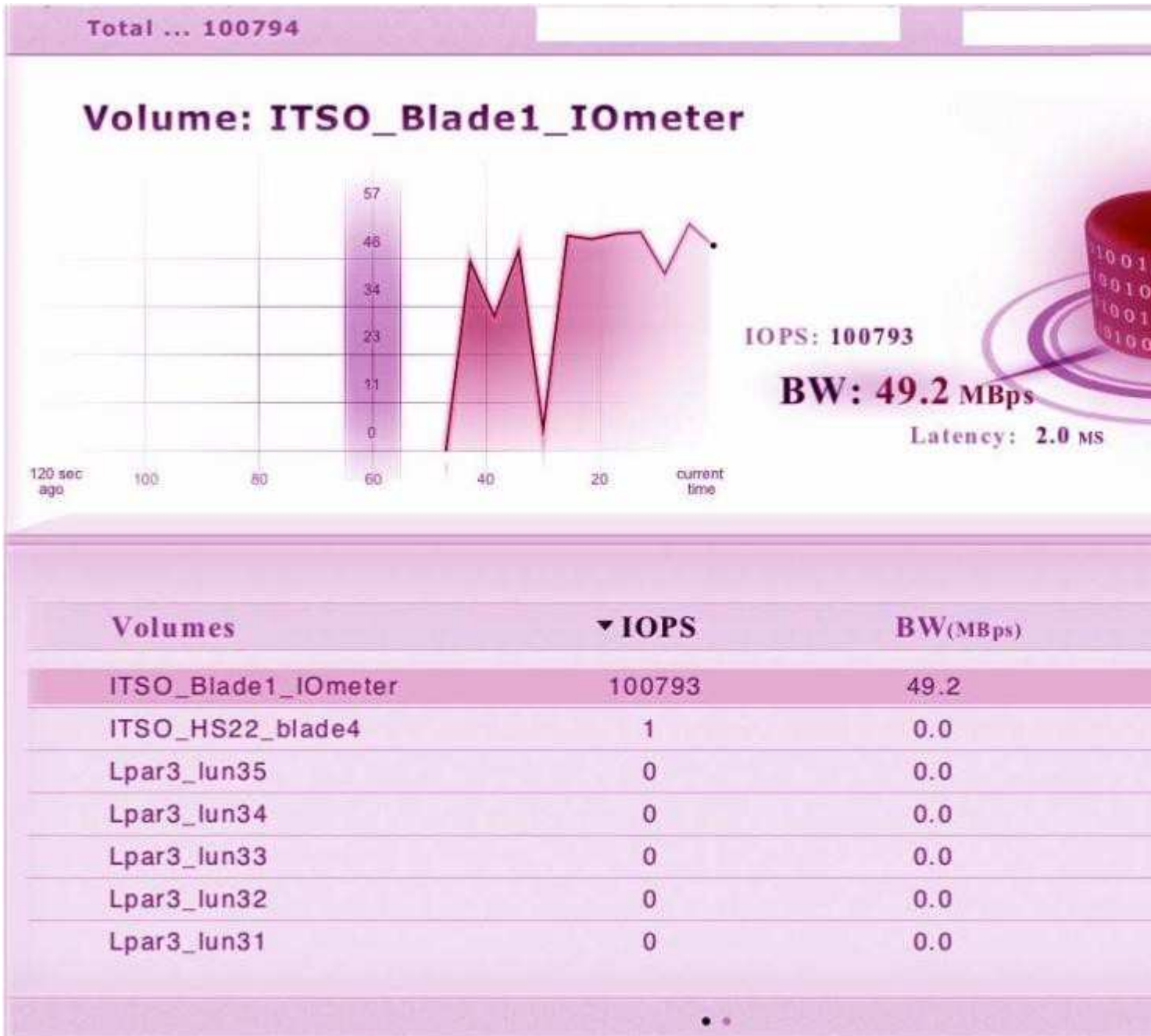
Section: (none)

Explanation

Explanation/Reference:

**QUESTION 16**

Using the exhibit as a reference, which product is being accessed?



A. IBM XIV Gen3 Storage System

- B. IBM SmartCloud Virtual Storage Center
- C. IBM System Storage SAN Volume Controller
- D. IBM Tivoli Storage Productively Center V5.1

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 17**

Which statement is true regarding real4ime compression in the SAN Volume Controller and Storwize V7000 code release 64?

- A. No additional license is required; it is part of the base product.
- B. There is no limit to the number of volumes that can be compressed.
- C. Creating the first compressed volume in an I/O group will instantly dedicate CPU and memory resources.
- D. Compression feature is available on all SAN Volume Controller models as long as the correct code 64 is implemented.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 18**

A Business Partner has proposed a solution for the migration of multiple D64700 systems to an XIV Gen3 with 10 modules.

Which of the following is a migration consideration in this scenario?

- A. Each D34700 LUN will have a single path
- B. Only one DS4700 can be migrated at a time
- C. D64700 controller pairs must be defined as a single target
- D. Attach multiple target ports from the same DS4700 controller

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

A customer requires the ability to provide access to billions of files simultaneously. What SONAS feature allows for this?

- A. Network File system
- B. Common Internet File Systems
- C. Hypertext Transport Protocol
- D. General Parallel File System



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 20**

A customer is installing a new backup solution. An existing tape library based on TS1 120 Tape Drives that was installed on 7 September 2006 is proposed as part of the solution due to lack of customer funds. Additionally, because of local regulations, any tapes transported between locations require encryption.

What advice should the technical specialist give?

- A. Keep the TS1120 drives and implement a chargeable upgrade to enable encryption
- B. Keep the TS1 120 drives and implement a chargeable upgrade to make them TS1 130 drives
- C. Replace the TS1120 drives with TS1 140 drives, as the TS1120 drives will not support encryption
- D. Replace the TS1 120 drives with TS1 140 drives, as the TS1 120 drives support only AES256 encryption

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 21**

A customer has storage on two sites that are 10 km apart, and a technical specialist is discussing replacing their EMC storage arrays. They tell the specialist that they use EMC SAN Copy.

Which IBM storage product has similar capabilities?

- A. XIV
- B. DSS800
- C. ProtecTIER
- D. SAN Volume Controller

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 22**

Which tool provides storage management of an IBM SAN Volume Controller with application-aware copy services integration?

- A. IBM FlashCopy Manager
- B. Smart Business Storage Cloud
- C. IBM SmartCloud Virtual Storage Center
- D. IBM Tivoli Storage Productivity Center Standard

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 23**

A customer with numerous open system servers is using a single DSSSOO system with Easy Tier enabled. Storage performance for a specific clustered server needs to improve for end-of-month and end-of-quarter processing. The customer requires minimal disruption to operations.

Which feature or action should the technical specialist recommend to the customer to improve performance for the clustered servers?

- A. Install a megapack of SSDs
- B. Enable and configure I/O Priority Manager
- C. Increase the installed cache of the DS8SOO
- D. Adjust the cache block size used by the DS8800

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 24**

When planning to use an SAN Volume Controller split cluster, why is it strongly recommended to have a third site available?

- A. A third site is recommended to house the SSPC.
- B. A third site is recommended to house the managed disks.
- C. A third site is recommended to house the active quorum disk.
- D. A third site is recommended to house the quorum disk candidates.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

Which statement is true about a SAN Volume Controller running at 64 code level?

- A. Real-time compression can only be managed by using the CLI.
- B. Customers can have a trial license for real-time compression.
- C. Image files such as JPFs are good candidates for compression.
- D. Using real-time compression slows down performance on the compressed volumes.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

The exhibit represents the heat map for a DS8800. Click on the volume that would benefit most from Easy Tier.

**Point and Shoot:**

Volume ID <sup>15</sup>	Configured Size <sup>16</sup>	Tier	Capacity on Tier <sup>17</sup>	Heat Distribution
0x80c0	100G	SSD Tier	44G	44G
		Enterprise Tier	19G	15G
		NL Tier	27G	27G
0x80c1	100G	SSD Tier	49G	44G
		Enterprise Tier	7G	4G
		NL Tier	44G	37G
0x80c2	100G	SSD Tier	38G	37G
		Enterprise Tier	10G	5G
		NL Tier	52G	42G
0x80c3	100G	SSD Tier	18G	18G
		Enterprise Tier	19G	5G
		NL Tier	10G	10G
0x80c4	100G	SSD Tier	61G	3G
		Enterprise Tier	0G	58G
		NL Tier	39G	39G
0x80c5	100G	SSD Tier	2G	2G
		Enterprise Tier	0G	
		NL Tier	98G	98G
0x80c6	100G	SSD Tier	8G	8G
		Enterprise Tier	0G	
		NL Tier	92G	92G
0x80c7	100G	SSD Tier	5G	5G
		Enterprise Tier	0G	
		NL Tier	95G	95G
0x80d0	100G	SSD Tier	73G	73G
		Enterprise Tier	0G	
		NL Tier	27G	27G

**Correct Answer:**

Volume ID <sup>15</sup>	Configured Size <sup>16</sup>	Tier	Capacity on Tier <sup>17</sup>	Heat Distribution
Cx80c0	100G	SSD Tier	44G	44G
		Enterprise Tier	19G	15G
		NL Tier	27G	27G
Cx80c1	100G	SSD Tier	49G	44G
		Enterprise Tier	7G	4G
		NL Tier	44G	37G
Cx80c2	100G	SSD Tier	38G	37G
		Enterprise Tier	10G	5G
		NL Tier	52G	42G
Cx80c3	100G	SSD Tier	18G	18G
		Enterprise Tier	19G	5G
		NL Tier	10G	10G
Cx80c4	100G	SSD Tier	61G	3G
		Enterprise Tier	0G	58G
		NL Tier	39G	39G
Cx80c5	100G	SSD Tier	2G	2G
		Enterprise Tier	0G	
		NL Tier	98G	98G
Cx80c6	100G	SSD Tier	8G	8G
		Enterprise Tier	0G	
		NL Tier	92G	92G
Cx80c7	100G	SSD Tier	5G	5G
		Enterprise Tier	0G	
		NL Tier	95G	95G
Cx80d0	100G	SSD Tier	73G	73G
		Enterprise Tier	0G	
		NL Tier	27G	27G

Section: (none)  
Explanation

Explanation/Reference:



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