

IBM Visualexams 000-958 Questions and Answers

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IBM 000-958 Questions and Answers

Exam Name: Enterprise Storage Technical Support V3

For Full Set of Questions please visit: <http://www.visualexams.com/000-958.htm>

Visualexams

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

A customer has a large non-IBM storage environment, EMO and HDS, with a mixture of VMware, Linux, Unisys mainframe and Windows, including Windows 2003, based hosts. The customer is very interested in XIV storage and the technical specialist has been asked to provide an IBM XIV storage solution with a migration plan to replace his current storage environment.

What is the biggest obstacle to an all IBM solution?

- A. VMware is not supported on XIV
- B. Windows 2003 is not supported on XIV
- C. HDS storage cannot be migrated to XIV
- D. Unisys mainframe is not supported on XIV

Correct Answer: D

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. DS8000 Performance Monitoring and Tuning Redbook

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

The exhibit represents the XIV Gen3 GUI.

Click on the icon that shows the "QOS Performance Class" option.

Exhibit:



- A. Systems
- B. Monitor
- C. Pools
- D. Volumes
- E. Hosts and Clusters
- F. Remote
- G. Users

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:



QUESTION 6

Easy Tier on a DS8800 in Automatic Mode performs its operations at which level?



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- A. LUN
- B. Rank
- C. Extent
- D. Array site

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

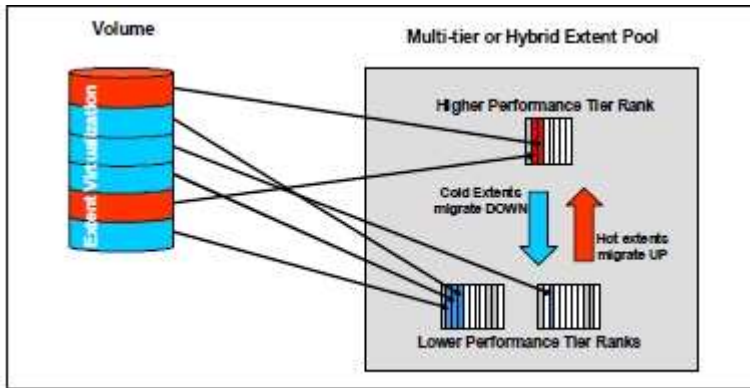


Figure 2-1 Easy Tier Automatic Mode

Higher-performance tiers can become overloaded in hybrid extent pools and potentially degrade overall pool performance. To avoid this situation, Easy Tier Automatic Mode monitors the performance of the ranks and triggers the movement of selected extents from the higher-performance tier to the lower-performance tier. This action is based on predefined bandwidth or IOPS overload thresholds.

This automatic operation is rank-based and the target rank is randomly selected from the lower tier. Warm demotion has the highest priority to quickly relieve overloaded ranks. Easy Tier continuously ensures that the higher-performance tier does not suffer from saturation or overload conditions that might affect the overall performance in the extent pool.

QUESTION 7

A technical specialist is in a discussion with a customer regarding changing the customer's storage environment from EMC to IBM. They are describing the environment. Which host environment causes the most design challenges?

- A. Unisys mainframe
- B. Windows boot from SAN
- C. Microsoft Cluster Server
- D. AIX including versions back to 4.3

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

While discussing evaluation criteria for storage acquisition, a customer uses the following phrases: "acquisition cost," "software licenses," "staffing," and "ongoing maintenance cost". Which financial term best corresponds to the customer's discussion points?

- A. TCO
- B. RTO
- C. NPV
- D. IRR

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A customer has a large repository of geophysical data (>500 TBs and growing). This data is primarily in larger single- file datasets.

This customer would like to reduce their overall cost, floor space, and power consumption.

The customer has also communicated that the data must be accessible as a file system and provide reasonable access times.

Which technology best meets these customer needs?

- A. SONAS using XIV
- B. TS3SOO using LTFS
- C. SAN Volume Controller with SSD
- D. ProtecTIER and Tivoli Storage Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A customer's OPEX and CAPEX costs associated with their current storage estate are growing rapidly.

Which tool shows the financial benefits of moving to an IBM storage estate?

- A. TCOnow!
- B. eConfig
- C. Disk Magic
- D. Capacity Magic

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

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 12

What happens when XIV with SSD caching installed suffers an SSD failure?

- A. SSD caching is disabled on all modules.
- B. The complete module with the failed SSD cache is taken off-line.
- C. SSD caching continues, but is unbalanced as one module has no SSD cache.
- D. The degraded module reads from its DRAM cache and disk, and all small read misses are redirected to the secondaries.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

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: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

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: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which XIV Gen3 feature can be included to prevent damage in a catastrophe?

- A. Security option
- B. Ruggedized option

- C. Anti-flooding option
- D. Anti-high frequencies option

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

For a DS8800, a second redundant Hardware Management Console (HMC) is recommended in which of the following scenarios?

- A. Adding more than two expansion bays
- B. Capture historic performance data using the native tools
- C. Implement an environment that uses TKLM encryption management
- D. Emergency power off the DS8800 frame after main power input failure

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A customer has a SONAS solution and is using Tivoli Storage Manager HSM. The customer wants to integrate SONAS with HSM to migrate low-use data to a tape-based storage platform. Which action is needed for this integration project?

- A. install the client side software on the SONAS
- B. create a TSM DB Backup to send off-site on tape media
- C. validate the readability of the data against the metadata
- D. obtain the client licenses based on the number of SONAS interface nodes

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A customer with Brocade-based fabrics is looking for a quick and simple cost-effective method to gather information about the SAN environment. The informational items desired include total number of active ports, unused ports by switch, ISL oversubscription ratios, and a Visio diagram. What should the technical specialist suggest to the customer?

- A. Brocade SAN Health
- B. IBM Directorv6.3.1
- C. Tivoli Storage Manager
- D. Tivoli Storage Productivity Center Select

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Which of the following is a new capability of LTES Library Edition V2.1 .1 with the IBM TS3500 Tape Library?

- A. LTO-5 and IBM enterprise tape drives are supported.
- B. CIFS and NFS fileshares can be easily migrated to tape.
- C. Archival data can be migrated from file servers directly to tape.
- D. Tivoli Storage Manager server provides host mount points for LTFS.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A D38800 has Easy Tier enabled and Easy Tier data collection is set to AutoMode. Which performance statistics are collected?

- A. All multi-tier volumes
- B. Homogeneous drive volumes
- C. Volumes with ETMonitor set to automode
- D. Easy Tier managed volumes with IOPmode set to managed

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

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

Exhibit:

2107, 242x	921, 922, 9A2, 931, 932, 9B2		FICL	FICL	DS8000	SA682
242x	941, 94E		FICL	FICL	DS8000	SA881
242x	951, 95E		FICL	FICL	DS8000	SA948
		0720, 0723, 0730, 0733	FICL	FICL		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 22

Disk Magic can be used to generate which report for an XIV Gen3?

- A. Effect of SSD usage
- B. Host protocol overhead
- C. Drive type recommendations
- D. Block workload useable capacity

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

What strategic tool minimizes low-confidence results while eliminating unrealistic assumptions about a workload proposed for a solution?

- A. Flash DA
- B. Disk Magic
- C. Performance Monitor
- D. Data Placement Advisor

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

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 TS3500 is capable of meeting the throughput requirements.
- B. TS3500 has full support for ACSLS, allowing faster server throughput.
- C. TS3500 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 25

A customer has just installed a ProtecTIER TS7620 SM2, and has accessed the PT Manager for the first time. Where would the implementation engineer fulfill Registration, E-mail Alerts, and Call Home configuration setup?

- A. File->Configuration
- B. Node -> Configuration
- C. System -> Configuration
- D. System -> User Management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A customer has recently installed a SONAS system and now wants to set up backups to the virtual tape library (VTL) using their existing Symantec NetBackup data management application. The server running the NetBackup application has 1 GE connectivity, while a different server with 10 GE connectivity is used as the NDMP tape server.

Which option offers the least impact on the customer's current infrastructure?

- A. Set up a remote SONAS NDMP configuration
- B. Configure a three-way SONAS NDMP implementation
- C. Connect the SONAS directly to the VTL's fibre channel ports
- D. Install a dedicated 8 Gbps fiber channel switch for connectivity

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

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. Storwize V7000
- D. Storwize V7000 Unified

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

A technical specialist is enhancing an existing EMC storage environment with the IBM SAN Volume Controller. One of the primary customer requirements is to reclaim space in the existing environment by using real-time compression.

Which tool should the technical specialist use?

- A. RMF Magic
- B. Disk Magic
- C. Capacity Magic
- D. Comprestimator

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

A System z customer running z/OS V1.11 is using a single D58801J storage system with Easy Tier enabled. Storage performance for a business critical application needs to improve to handle 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 this application?

- A. Install a megapack of SSDs
- B. Enable and configure I/O Priority Manager
- C. Increase the installed cache of the D58800
- D. Adjust the cache block size used by the D58800

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

A customer wants to add a fully populated BladeCenter chassis to their existing core-edge SAN. They have suffered performance issues in the past due to congestion and over-utilization of inter-switch links (ISL). The customer has asked what is the best practice guideline concerning ISL oversubscription ratio. Which one of the following ratios does the technical specialist provide?

- A. 1:1
- B. 10:1
- C. 20:1
- D. 50:1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A DS8800 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 32

What is the earliest model of tape drive format that is compatible with TS1140 tape drives?

- A. 3590
- B. TS1130
- C. TS1120
- D. 3592 J1A

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

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 34

In a SAN Volume Controller stretched cluster configuration, how many dedicated Fibre Channel links are required for I/O Groups?

- A. 0
- B. 1
- C. 2
- D. 4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A customer is considering a ProtecTIER TS7650G solution with IBM storage to be purchased at the same time. Which tool or resource should the technical specialist utilize to determine the required amount of File Systems for metadata and user data?

- A. IBM Redbooks
- B. Capacity Magic
- C. IBM Tape Reporter tool
- D. IBM Performance Planner tool

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

When running on a DS8000, which is the first version of Easy Tier to allow thin Provisioning capabilities over remote replication (Metro Mirror, Global Mirror, Global Copy, Metro/Global Mirror)?

- A. 6.1
- B. 6.2
- C. 6.3
- D. 6.4

Correct Answer: C

Section: (none)

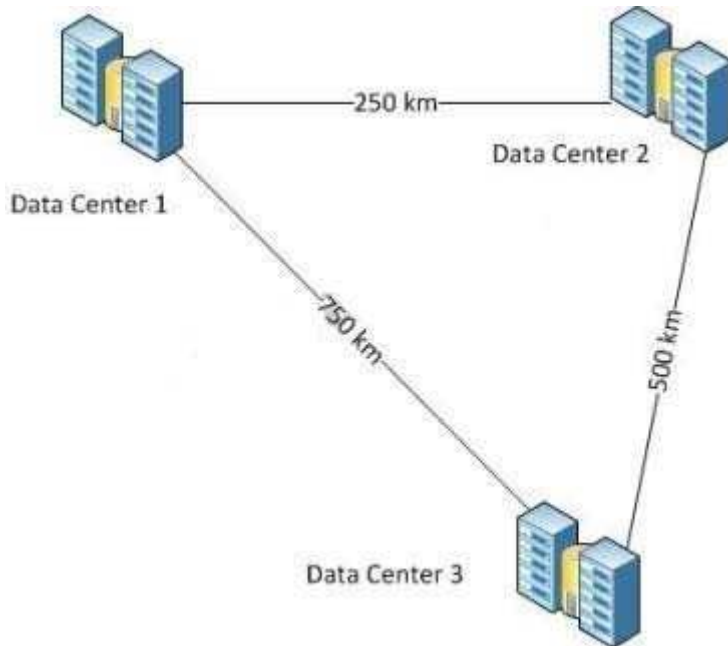
Explanation

Explanation/Reference:

QUESTION 37

Using the exhibit as a reference, the customer needs to implement a DR/BC solution using a three site copy strategy to meet corporate requirements with a recovery point objective of 5 seconds or less. Which of the following solutions will meet the customer requirements?

Exhibit:



- A. 3-way TS7700 grid
- B. XIV with asynchronous mirrors
- C. DS8800 with Metro/Global Mirror
- D. SAN Volume Controller with Storwize V7000 back-end storage and Global Mirror

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

A customer wants to implement a 3-site continuous copy solution with three D38800 systems. A three-site Business Continuity (BC) license and TotalStorage Productively Center for Replication (TPC-R) are already installed.

Which action should be completed before using the TPC-R GUI to configure the Metro/Global Mirror?

- A. Select the action Start H1-'H2->H3
- B. Configure the CIMON agent on the DSS800
- C. Add copy sets to the Metro/Global Mirror session
- D. Ensure paths exists between the 3 DS8800 systems

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

The technical specialist is meeting with the CTO and is discussing the need for a new storage solution to have virtualization.

Which benefit of storage virtualization should the technical specialist emphasize to the customer?

- A. Reduces TCO
- B. Increases performance
- C. Reduces number of servers
- D. Increases number of disk drives

Correct Answer: A

Section: (none)

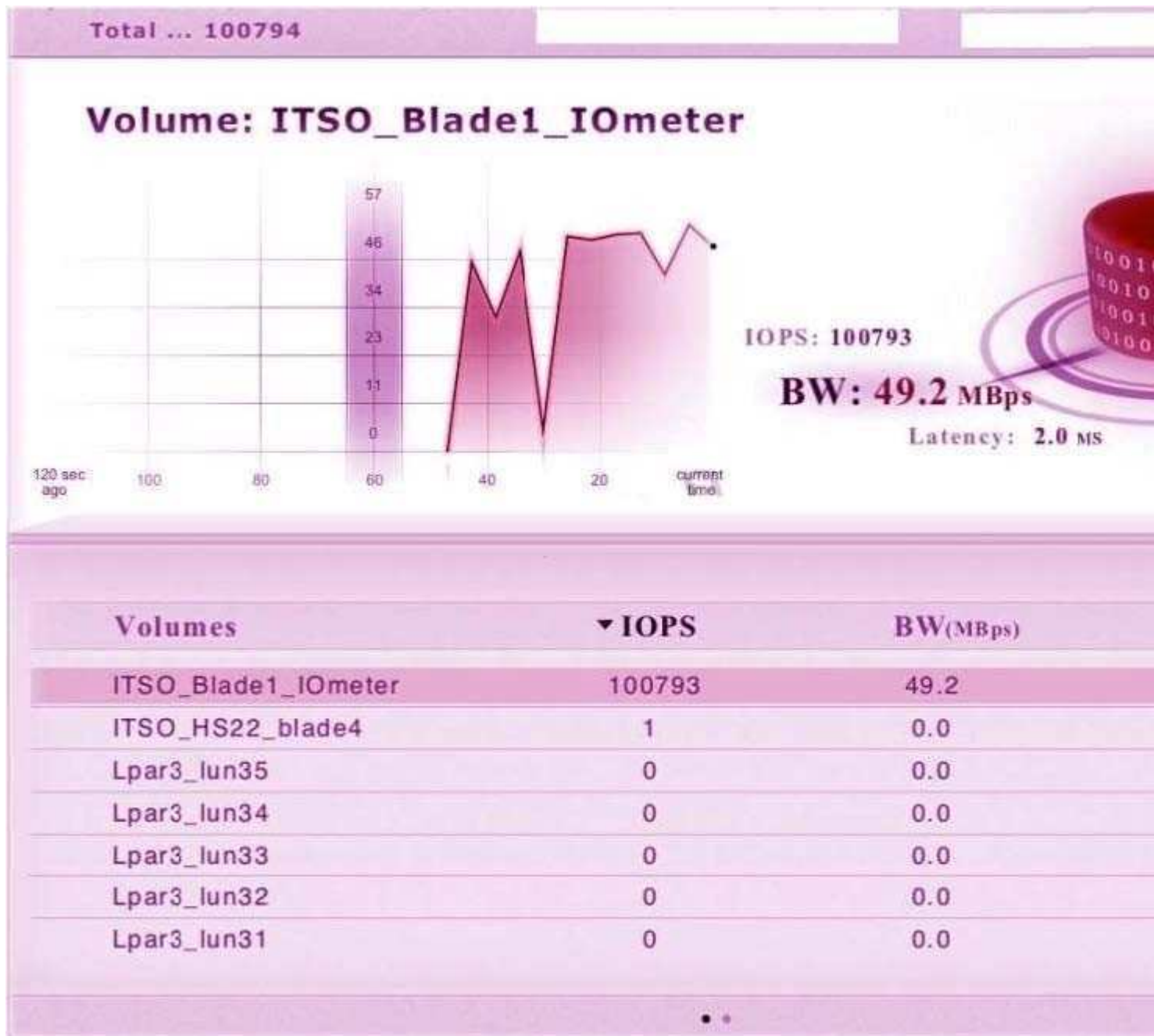
Explanation

Explanation/Reference:

QUESTION 40

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

Exhibit:



- 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 41

Which statement is true regarding realtime compression in the SAN Volume Controller and Storwize V7000 code release 6.4?

- 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 6.4 is implemented.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

A customer is searching for high-end NAS products in the market looking for compression capability and is comparing N7950T to EMC VNX.

Which key difference should the technical specialist highlight to the customer?

- A. Only VNX deduplicates data.
- B. N7950T compresses data inline.
- C. N7950T needs extra space for compression.
- D. Both N7950T and EMC VNX compress data inline.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

A Business Partner has proposed a solution for the migration of multiple DS4700 systems to an XIV Gen3 with 10 modules.

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

- A. Each DS4700 LUN will have a single path
- B. Only one DS4700 can be migrated at a time
- C. DS4700 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 44

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 45

A customer is installing a new backup solution. An existing tape library based on TS1120 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 TS1120 drives and implement a chargeable upgrade to make them TS1130 drives
- C. Replace the TS1120 drives with TS1140 drives, as the TS1120 drives will not support encryption
- D. Replace the TSI 120 drives with TS1140 drives, as the TS1 120 drives support only AES256 encryption

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

A customer wants to better understand how much recovered storage space will be gained by implementing Real-time Compression (RTC) on their SAN Volume Controller (SVC). The customer has requested a test method which shows how much space savings could be realized. Which method would the technical specialist use to show the customer RTC benefit on SVC?

- A. Compress a mirrored copy and compare to the source.
- B. Back a volume to tape and then use compression during the restore
- C. Insert a RTC compression appliance between the SVC and back-end storage
- D. Examine the managed disk group size after compressing the existing volume.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

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 48

A single frame TS35000 contains 6 LTO-3 tape drives in Drive Mounting Kits. A customer wants to add two additional LTO-5 drives.

Which of the following TS3500 components will be affected?

- A. Capacity' On Demand
- B. Storage slot quantity'
- C. Internal patch cables
- D. I/O slot expandability

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

A customer with numerous open system servers is using a single DS8800 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 DS8800
- D. Adjust the cache block size used by the DS8800

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

What should be included with an N7900 to ensure customers meet aggressive RPO and RTQ requirements?

- A. SnapRestore
- B. FlashCopy Manager
- C. Replication Manager
- D. Tivoli Storage Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

A customer has a 300 Windows and Linux server consolidation project planned to use virtualization. They have a DS8800 installed in production and want to explore FCoE technology to reduce network administration and complexity, being part of the server and network optimization strategy. Which component would enable DS8800 to be included in the new infrastructure?

- A. IBM SAN32B-E4
- B. SAN Volume Controller
- C. FCoE DS8800 Host Adapters
- D. System Storage Productivity Center

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

What are the technical specialist's responsibilities with respect to the SOLW (Statement of Limited Warranty)?

- A. Ensure the base level warranty meets the customer's requirements.
- B. Explain the warranty terms to the customer after the deal is complete.
- C. None, this is handled by the support center once the system is installed
- D. None, this is handled by the Service Support Representative when he installs the equipment.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



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