

## IBM Storwize V7000 Technical Solutions V1

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IBM 000-956



IBM Storwize V7000 Technical Solutions V1

Version: 4.1  
IBM 000-956 Exam

## Exam A

### QUESTION 1

A customer is experiencing poor response times on certain volumes. Which feature would directly address that challenge?

- A. Thin Provisioning
- B. Volume Mirroring
- C. Easy Tier
- D. Snapshot

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 2

A customer has a requirement for their Storwize V7000 to create transactionally consistent snapshots of their SAP database. What would the technical specialist recommend?

- A. Tivoli Storage FlashCopy Manager
- B. Tivoli Storage Manager
- C. Tivoli Storage Productivity Center
- D. IBM Systems Director

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 3

What are Consistency Groups created to protect?

- A. RAID arrays
- B. order of dependent writes
- C. remote copy relationships
- D. local volume mirrors

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 4

What is the maximum number of paths from an I/O group to a host in a Storwize V7000?

- A. 2
- B. 4
- C. 8

D. 16

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 5**

A customer needs a single application to help manage its server and network infrastructure, and provide basic storage information. Which tool would enable this capability?

- A. Operations Manager
- B. IBM Systems Director
- C. Tivoli Storage Productivity Center for Disk
- D. Tivoli Storage Productivity Center Standard Edition

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 6**

On the Storwize V7000, which of the following troubleshooting methods should be used FIRST to resolve login issues?



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- A. recycle power on the system
- B. call Techline / Partnerline
- C. call IBM Support
- D. log into the Service Management Port

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 7**

Easy Tier is appropriately used to improve performance in what conditions?

- A. Large Block (greater than 64 KB), Random I/O
- B. Large Block (greater than 64 KB), Sequential I/O
- C. Small Block (less than 64 KB) Sequential I/O

D. Small Block (less than 64 KB), Random I/O

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 8**

Which product would allow a customer to virtualize their existing storage infrastructure?

- A. XIV system
- B. DS8000
- C. SAN Volume Controller
- D. DS5000

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 9**

Which product can be used with IBM Total Storage Productivity Center to provide the ability to create a new LUN on a virtualized external disk system and assign it to a host port on the Storwize V7000?

- A. Tivoli Provisioning Manager
- B. Storage Optimizer
- C. Systems Director
- D. TPC for Disk

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 10**

What is the maximum distance for a Metro Mirror relationship in the Storwize V7000?

- A. 10 kilometers
- B. 100 kilometers
- C. 300 kilometers
- D. 800 kilometers

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 11**

On a Storwize V7000 what is the benefit of the quorum disk?

- A. It verifies every read and write I/O sent to the cluster.
- B. It breaks a tie when exactly half the nodes in the cluster remain after a SAN failure.
- C. It determines which controller accesses a specific MDisk
- D. It limits LUN thrashing

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 12**

What competitive advantage does Easy Tier have over Compellent Data Progression?

- A. Easy Tier automatically moves data between HDD and SSD
- B. Easy Tier analyzes and moves data across all defined performance tiers
- C. Easy Tier improves performance of all storage pools
- D. Easy Tier is a no-charge feature

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 13**

When connecting the Storwize V7000 to legacy storage using external virtualization, which of the following connection choices are acceptable?

- A. iSCSI or Fibre Channel
- B. Fibre Channel
- C. FCoE or iSCSI
- D. iSCSI

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 14**

Which of the following System z operating systems are supported on the Storwize V7000?

- A. Linux on z
- B. z/OS
- C. z/MVS
- D. z/TPF

**Correct Answer:** A

**Section:** (none)

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 15

In the Storwize V7000 a multi-tiered storage pool is used to \_\_\_\_\_.

- A. enable automatic migration of extents between disk tiers
- B. allow different extent sizes in the same MDisk
- C. allow SAS and nearline SAS drives in the same MDisk
- D. enable multiple RAID types

**Correct Answer: D**

**Section: (none)**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 16

Which tool is recommended to check the compatibility of host, storage, switches, and multipathing drivers?

- A. System Storage Product Guide
- B. Storwize V7000 Information Center
- C. System Storage Interoperation Center (SSIC)
- D. Standalone Solution Configuration Tool (SSCT)

**Correct Answer: C**

**Section: (none)**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 17

What is the best method to restore a source volume to a previous snapshot?

- A. create a FlashCopy mapping from snapshot to source and execute the FlashCopy command
- B. mount the snapshot to the host
- C. use Volume Mirroring to convert the snapshot to a fully provisioned volume and mount the new volume
- D. issue a FlashCopy command on the source volume

**Correct Answer: C**

**Section: (none)**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 18

Which of the following is an advantage of a virtualized storage infrastructure?

- A. a single advanced storage management interface
- B. the ability to use other manufacturer's tools on IBM storage

- C. increases the amount of available physical storage
- D. supports the intermix of SATA and SAS drives in a single enclosure

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 19**

A customer is evaluating EMC Advanced FAST technology. Which IBM technology would the technical specialist propose?

- A. Thin Provisioning
- B. Easy Tier
- C. Volume Mirroring
- D. Migration

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 20**

On the Storwize V7000 the Node Canister processors are based on what technology?

- A. PowerPC
- B. POWER7
- C. Intel
- D. AMD

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 21**

What host connection type used by the Storwize V7000 uses a fully routable protocol allowing wide area connectivity?

- A. SONET
- B. Fibre Channel
- C. InfiniBand
- D. iSCSI

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 22**

An executive deletes an important email, On the Storwize V7000, what tool would be recommended to recover the email from a previous backup?

- A. Reverse FlashCopy
- B. Tivoli Storage FlashCopy Manager
- C. SnapManager for Exchange
- D. Volume Mirroring

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 23**

If a customer requires enhanced data security for the back-up disk pools located on an Storwize V7000, what would the technical specialist recommend?

- A. Tivoli Storage FlashCopy Manager
- B. Tivoli Storage Manager
- C. Tivoli Productivity Center
- D. Tivoli Storage Manager FastBack

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 24**

What competitive product is comparable to Easy Tier?

- A. Compellent Data Progression
- B. Hitachi Universal Replicator
- C. Dell EqualLogic Group Manager
- D. EMC Symmetrix SRDF

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 25**

Which IBM source contains all of the information that is required to set up the Storwize V7000 hardware and to manage the system using the Web-based management GUI or the command-line interface (CLI)?

- A. IBM System Storage Product Guide
- B. IBM PartnerWorld website



- C. IBM Storage Solutions Handbook
- D. IBM Storwize V7000 Information Center

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 26**

A customer requires that internal MDisks be available to expand existing pools. Which mode should the MDisk be in?

- A. Image
- B. Managed
- C. Unmanaged
- D. Array

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 27**

On the Storwize V7000 what profile type has permission to create a new user?

- A. Monitor
- B. Service
- C. Administrator
- D. SecurityAdmin

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 28**

The Storwize V7000 Rapid Application Storage Manager Solution includes all of the following EXCEPT:

- A. Tivoli Storage Manager
- B. 3 year Maintenance on hardware/software
- C. Tivoli Storage Productivity Center
- D. Tivoli FlashCopy Manager

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 29**

A customer would like to virtualize an existing DS5300 system with EXP5060 drawers. What is the maximum number of MDisks from the DS5300 that can be imported into a single Storwize V7000 storage pool?

- A. 64
- B. 128
- C. 512
- D. 1024

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 30**

On the Storwize V7000, which of the following is the SAN zoning recommendation for remote copy planning?

- A. For each node canister, all of the Fibre Channel ports should be zoned to exactly two Fibre Channel ports from each node canister in the partner cluster.
- B. For each node canister, one Fibre Channel port should be zoned to one Fibre Channel port from each node canister in the partner cluster.
- C. For each node canister, exactly two Fibre Channel ports should be zoned to exactly two Fibre Channel ports from each node canister in the partner cluster.
- D. For each node canister, all Fibre Channel ports should be zoned to all of the Fibre Channel ports from each node canister in the partner cluster.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 31**

On the Storwize V7000 which of the following operating systems are supported?

- A. z/OS
- B. i5/OS V5R4
- C. i/OS V6.1.1
- D. z/VSE

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 32**

What application should the technical specialist recommend if the customer needs to have IP replication for their Storwize V7000?

- A. Tivoli Storage FlashCopy Manager

- B. Tivoli Storage Manager FastBack
- C. Tivoli Storage Productivity Center
- D. Tivoli Storage Manager

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 33**

A bandwidth study is needed by a customer. Which IBM resource would conduct an expert level analysis?

- A. Techline
- B. Competeline
- C. Product Support
- D. Advanced Technical Skills (ATS)

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 34**

A customer wants to automate the configuration of the advanced copy services for their Storwize V7000. Which of the following would give them this ability?

- A. Tivoli Storage Productivity Center for Disk
- B. Tivoli Storage Productivity Center for Replication
- C. Tivoli Storage Manager for Advanced Copy Services
- D. Tivoli Provisioning Manager

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 35**

What object name does the Storwize V7000 assign to an external LUN?

- A. Volume
- B. Extent
- C. Pool
- D. MDisk

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 36**

A customer has an existing HP EVA4400 and is looking to leverage thin provisioning and Easy Tier on their existing storage. What IBM product best fulfills that requirement?

- A. N series gateway with performance acceleration modules
- B. Storwize V7000 with external virtualization license
- C. Storwize V7000 with remote mirroring license
- D. DS8800 with Easy Tier

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 37**

When looking for a monitoring tool that provides performance statistics for the Storwize V7000 and requires an interval longer than five minutes, what software package should be suggested to meet this requirement?

- A. The Storwize V7000 GUI
- B. Tivoli Storage Productivity Center for Data
- C. Tivoli Storage Productivity Center for Disk Midrange Edition
- D. Tivoli NetCool

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 38**

What information would IBM Support need to assist the customer in troubleshooting the Storwize V7000?

- A. Download Support Package
- B. System Configuration File
- C. Software Version Number
- D. Host Hardware and OS levels

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 39**

A customer has a requirement for 2 TB usable capacity of low-end storage with SAS host connectivity. Which of the following IBM storage products best suits the customer requirement?

- A. XIV system
- B. Storwize V7000

- C. DS3500
- D. DS8800

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 40**

In order to enable Easy Tier, which RAID type would be recommended to utilize the fewest solid- state drives?

- A. RAID 6
- B. RAID 5
- C. RAID 4
- D. RAID 10

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 41**

What is the maximum number of expansion enclosures that can be attached to Port 2 of the node canister for the Storwize V7000?

- A. 2
- B. 3
- C. 4
- D. 5

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 42**

A customer has multiple workloads on a Storwize V7000 and would like to isolate a given application on a pair of node canisters. Which solution best addresses the requirement?

- A. use Thin Provisioning on volumes
- B. add Solid State Drives to the pool
- C. use Volume Mirroring across nodes
- D. use two Storwize V7000 control enclosures

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 43**

In Storwize V7000 performance optimized setup, which of the following configurations will be created by default?

- A. RAID 6 uses 12 disk drives per MDisk
- B. RAID 5 uses 10 disk drives per MDisk
- C. RAID 10 uses 6 disk drives per MDisk
- D. RAID 6 uses 6 disk drives per MDisk

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 44**

The customer has an application that involves concurrent parallel I/Os. What Storwize V7000 hardware component benefits their application?

- A. Parallel Access Volumes
- B. Top down bottom up cabling
- C. SAS 2.0 ports delivering 24 Gb/s throughput
- D. Fibre Channel-Arbitrated Loop (FC-AL)

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 45**

On the Storwize V7000, which of the following is a difference between the control enclosure and expansion enclosure?

- A. dual power connections
- B. number of drives
- C. battery
- D. SAS ports

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:



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**QUESTION 46**

What type of connection to the disk system does the Storwize V7000 external virtualization capability support?

- A. iSCSI
- B. FCP
- C. SAS
- D. SATA

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 47**

Easy Tier and solid-state drives are a good choice for all of the following workloads EXCEPT:

- A. sequential write intensive workloads
- B. sequential read intensive workloads
- C. random read intensive workloads
- D. workloads with high cache hit rate

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 48**

A customer is looking to contain costs on their business continuity infrastructure. Their primary site Storwize V7000 using 146 GB 15000 rpm SAS drives. In their secondary site they have a Storwize V7000 with no internal disks, and external virtualization on an aging CLARiiON with 1 TB SATA drives. Why should the customer be warned to avoid this technique?

- A. The speed difference between the drives is too large and could result in the auxiliary site being unable to write out its data fast enough to keep up with the primary site.
- B. Mirroring between volumes composed of SAS drives with large SATA drives is not possible.
- C. The Metro Mirror/Global Mirror license specifically prohibits using externally virtualized disk to present auxiliary volumes.
- D. This recommendation is acceptable. The customer will be able to maximize their return on investment and minimize their footprint.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 49**

Where is the IBM Storwize V7000 GUI stored?

- A. the system's master console
- B. the DS Storage Manager software which is installed on the user's PC
- C. the IBM Storwize V7000 GUI software which is installed on the user's PC
- D. the system's node canisters

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 50**

An online retailer recently purchased a new Storwize V7000 with 20 TB of internal disk to be their primary storage. While the system met their overall performance requirements, they are now struggling to keep up with the shifting transactional workload spikes brought on by the demand for new and popular products. Which of the following proposals would directly address this issue and still be cost effective?

- A. increase the cache in the Storwize V7000 system
- B. upgrade the drives in the primary storage pools to solid state
- C. add enough solid state drives to accommodate the "hot" data and implement Easy Tier
- D. use Tivoli Storage Productivity Center for Disk to monitor system disk usage

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 51**

The IBM Storwize V7000 makes use of which drive interface internally?

- A. SATA
- B. Fibre Channel
- C. SCSI
- D. SAS

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 52**

What is required to allow CLI access to the Storwize V7000?

- A. the master console must be configured for CLI access connections



- B. public and private keys must be generated by a tool like PUTTYGEN
- C. Storage Manager must be updated to a version that supports Storwize V7000 CLI
- D. V7000CLI application needs to be loaded on all hosts that will communicate to Storwize V7000 via CLI

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 53**

A customer currently has a thin provisioned volume and has determined that their application needs to have a thick provisioned volume. Which of the following functions would permit a change from thin to thick without impact to the application?

- A. FlashCopy
- B. Intra-Cluster Metro Mirror
- C. Volume Mirroring
- D. Easy Tier

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 54**

A customer has performance issues with a pool in the Storwize V7000 but wants to know the benefits of purchasing solid-state drives (SSDs) before using it with Easy Tier. What can a technical specialist do?

- A. Enable Easy Tier evaluation mode.
- B. Assign a Tier 1 disk inside the pool so the reporting function for Easy Tier is enabled.
- C. Assure the customer that they will greatly benefit from the purchase of SSD drives.
- D. Assign another MDisk to the pool to enable the reporting function for Easy Tier.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 55**

What tool will allow a user to determine whether or not the CPU utilization of the Storwize V7000 is trending upward?

- A. Systems Director
- B. Tivoli Storage Productivity Center for Disk
- C. Tivoli Storage Productivity Center for Data
- D. Storwize V7000 GUI

**Correct Answer: C**

**Section: (none)**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 56

Which error code is described as follows: This error might be caused by a problem on the primary cluster, a problem on the secondary cluster, or a problem on the inter-cluster link. The problem might be a failure of a component, a component becoming unavailable or having reduced performance due to a service action or it might be that the performance of a component has dropped to a level where the Metro Mirror or Global Mirror relationship cannot be maintained.

- A. 1630
- B. 1097
- C. 1720
- D. 1920

**Correct Answer:** B

**Section:** (none)

### Explanation

### Explanation/Reference:

Explanation:

### QUESTION 57

What does an image mode volume provide?

- A. a direct block-for-block translation from the existing storage pool to the volume with no virtualization
- B. a direct block-for-block translation from the MDisk to the volume with no virtualization
- C. a direct byte-for-byte translation from the existing storage pool to the volume with no virtualization
- D. a direct block-for-block translation from the MDisk to the volume with virtualization

**Correct Answer:** B

**Section:** (none)

### Explanation

### Explanation/Reference:

Explanation:

### QUESTION 58

Which tool would be used on the Storwize V7000 to create a transactionally consistent clone of a volume for SAP with DB2?

- A. Consistency Group FlashCopy
- B. Tivoli Storage FlashCopy Manager
- C. Tivoli Storage Productivity Center for Replication
- D. SnapManager for SAP

**Correct Answer:** B

**Section:** (none)

### Explanation

### Explanation/Reference:

Explanation:

### QUESTION 59

In the Storwize V7000, what is the total combined number of snapshots, clones and backups that can be created from a single volume using FlashCopy?

- A. 128
- B. 256
- C. 512
- D. 1024

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 60**

All of the following are valid FlashCopy Source:Target relationships EXCEPT:

- A. 10 TB Generic Volume consuming 100 GB of space: 5 TB Thin Provisioned volume with 500 GB of space allocated
- B. 5 TB Generic Volume consuming 100 GB of space: 5 TB Thin Provisioned volume consuming 100 GB of space
- C. 100 TB Thin Volume with 1 TB of space allocated: 100 TB Generic Volume with 30 MB consumed
- D. 1 GB Generic Volume consuming 1 GB of space: 1 GB Thin Provisioned volume with 500 MB allocated

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 61**

A customer has data that resides on an existing storage system and is interested in virtualizing it with the Storwize V7000. Which mode does the Storwize V7000 assign to the volumes on the external system in order to keep the data intact?

- A. Managed
- B. Unmanaged
- C. Array
- D. Image

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 62**

A customer wants to create multiple snapshots for a development/test scenario. Which feature of the Storwize V7000 can be leveraged to accomplish this?

- A. FlashCopy
- B. Volume Mirroring

- C. Global Mirror
- D. Easy Tier

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 63**

A customer currently has an EMC CLARiiON. They are very impressed with the ease of use of the Storwize V7000 management interface, and are very interested in the external virtualization capability. However, they do not have any immediate need for additional capacity. What is the minimum internal disk drive requirement necessary for the customer to derive value from a new Storwize V7000?

- A. 12 drives
- B. 24 drives
- C. 0 drives
- D. 2 drives

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 64**

What is an advantage of the Storwize V7000 Easy Tier over EMC FAST technology?

- A. granularity of Sub-LUN Tiering
- B. compression of Volumes
- C. number of supported Sub-LUN slices
- D. integration with thin provisioning

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 65**

If a Microsoft Exchange database is corrupted, which Tivoli Storage FlashCopy Manager feature would allow the fastest recovery?

- A. SnapManager For Exchange
- B. Instant Restore
- C. Restore Database
- D. Mailbox Recovery

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 66**

A host at a remote site needs to connect to a Storwize V7000, and requires minimal bandwidth. What transport protocol should be used to connect the host to the Storwize V7000?

- A. EtherChannel
- B. Fibre Channel
- C. iSCSI
- D. SAS

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 67**

A customer is interested in an IBM Storwize V7000 with 2 tiers of 30 TB usable with 2 TB nearline SAS drives, and 10 TB usable with 300 GB 10000 rpm SAS drives. The customer also wants to utilize eight SSD drives in the high performance storage pool. What is the recommended first step to create the system configuration?

- A. run Workload Estimator
- B. run eConfig
- C. run TCOnow!
- D. run Capacity Magic

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 68**

How many 1 Gb iSCSI connections can be assigned to one control enclosure on the Storwize V7000?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 69**

A customer has an existing environment including HP EVA, EMC CLARiiON, and EMC VMAX with sufficient capacity for all user and application data. Some of their applications are very active and tend to have a high cache miss rate. They are interested in converting their data center to a fully virtualized infrastructure while

maintaining their investment in the existing storage with as little disruption as possible. Based on their current install base, which two of the following IBM storage products would fit their requirements? (Choose two)

- A. N series 6270 Gateway
- B. Storwize V7000
- C. SAN Volume Controller
- D. XIV system
- E. DS8800 with Easy Tier

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 70**

Which of the following forms of remote copy does Tivoli Storage Productivity Center for Replication support on the IBM Storwize V7000?

- A. Metro Mirror
- B. Logical Volume Mirroring
- C. SnapMirror
- D. Global Copy

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 71**

A customer has an IBM Storwize V7000 control enclosure that is already displaying very high CPU utilization. Which Storwize V7000 solution would be recommended to allow the customer to add additional workloads without impacting the existing environment?

- A. Migrate the workload to another pool
- B. Add another I/O Group
- C. Enable compression
- D. Enable thin provisioning

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 72**

A customer wants to analyze historical performance data for their IBM Storwize V7000 environment. Which product would provide the necessary data?

- A. IBM Systems Director
- B. Storwize V7000 GUI

- C. TPC for Disk
- D. Tivoli Provisioning Manager

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### **QUESTION 73**

A customer has a requirement for approximately 50 TB storage. The customer does not have the staff to spend time on array configuration and performance tuning. They are also very concerned about potential performance impacts during drive rebuilds.

Which system should the storage specialist recommend?

- A. DS5000
- B. Storwize V7000
- C. XIV system
- D. N series

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### **QUESTION 74**

In an existing environment where VMware is hosting the customer's applications what would be the appropriate method of migrating to the Storwize V7000?

- A. Global Mirror
- B. Logical Volume Manager
- C. Storage VMotion
- D. IBM Storwize V7000 migration wizard

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### **QUESTION 75**

How must the WWPNs be zoned when virtualizing external disk systems with the Storwize V7000?

- A. Create a zone with the four Storwize V7000 VWVPNs, two from each node canister, along with up to a maximum of sixteen VWVPNs from the external storage system.
- B. Create one zone per WWPN from each node canister to each WWPN of the external storage up to a maximum of twelve WWPNs from the external storage system.
- C. Create a zone with all VWVPNs from the Storwize V7000 and all of the VWVPNs from the external storage system up to a maximum of eight VWVPNs.
- D. Create a zone containing one WWPN from each node canister of the Storwize V7000, one WWPN from the external storage and one WWPN from the Host HBA connected to the MDisk.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 76**

Which of the following statements is TRUE regarding external virtualized storage?

- A. Connecting an external LUN to the IBM Storwize V7000 does not always require a switch.
- B. A LUN cannot be shared across IBM Storwize V7000 systems.
- C. External LUNs that are initially mapped to the IBM Storwize V7000 are in Sequential Mode.
- D. Storage systems that have data that are being migrated to internal disks require a purchased External Virealization license.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 77**

A customer has complex replication requirements and needs to manage replicas that are stored at multiple sites on multiple mirrored Storwize V7000 systems.

What tool should be suggested to ease the management workload?

- A. MirrorView
- B. Tivoli Storage Productivity Center for Disk Midrange Edition
- C. Tivoli Storage Productivity Center for Replication
- D. Business Continuity Manager

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 78**

Which transport uses CHAP (Challenge Handshake Authentication Protocol) for authentication?

- A. SAS
- B. Fibre Channel
- C. iSCSI
- D. FC-AL

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 79**



What is the smallest number of solid-state disks that can be placed in an Storwize V7000 storage pool?

- A. 8
- B. 5
- C. 3
- D. 2

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 80**

The 10 Gbps Ethernet ports on the Storwize V7000 ships with which cable type and connector?

- A. Unshielded twisted pair (UTP) cable type and RJ45 connector
- B. Unshielded twisted pair (UTP) cable type and LC connector
- C. Optical fiber cable type and RJ45 connector
- D. Optical fiber cable type and LC connector

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 81**

A customer has a requirement that a LUN must be protected from a RAID array failure, and must be tuned for high performance.

Which of the following Storwize V7000 features will meet these concerns?

- A. Generic Mirror Volume
- B. Easy Tier
- C. Thin Provision Mirror Volume
- D. Metro Mirror

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 82**

A customer recently concluded that they must replace their legacy storage system because there is nothing else they can do to improve performance.

What hardware architecture features does the IBM Storwize V7000 have that can help this customer avoid this same problem in the future?

- A. Upgrade node canister size, license turbo feature
- B. Add control enclosure, non-disruptive node canister upgrade
- C. Add expansion enclosures, add Fibre Channel port expansion card

D. Upgrade node canister cache size, add expansion enclosures

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 83**

What tool would the technical specialist recommend for a customer that has a Storwize V7000 and wants to manage performance and connectivity from the hosts?

- A. Tivoli Storage FlashCopy Manager
- B. Tivoli Storage Manager
- C. Tivoli Storage Productivity Center
- D. IBM Systems Director

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 84**

In addition to email, what is another type of notice the Storwize V7000 can send?

- A. V.35 modem
- B. SNMP
- C. SNA
- D. IMAP

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 85**

Tivoli Storage Productivity Center for Disk Midrange Edition allows its user to do all of the following EXCEPT:

- A. Monitor the contents of file systems
- B. View the topology of your environment
- C. Create reports
- D. Set thresholds for alerts

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 86**

All of the following options for a switch connection to an IBM Storwize V7000 are valid EXCEPT:

- A. 8 Gbps Fibre Channel
- B. 1 Gbps iSCSI
- C. 1 Gbps Fibre Channel
- D. 10 Gbps iSCSI

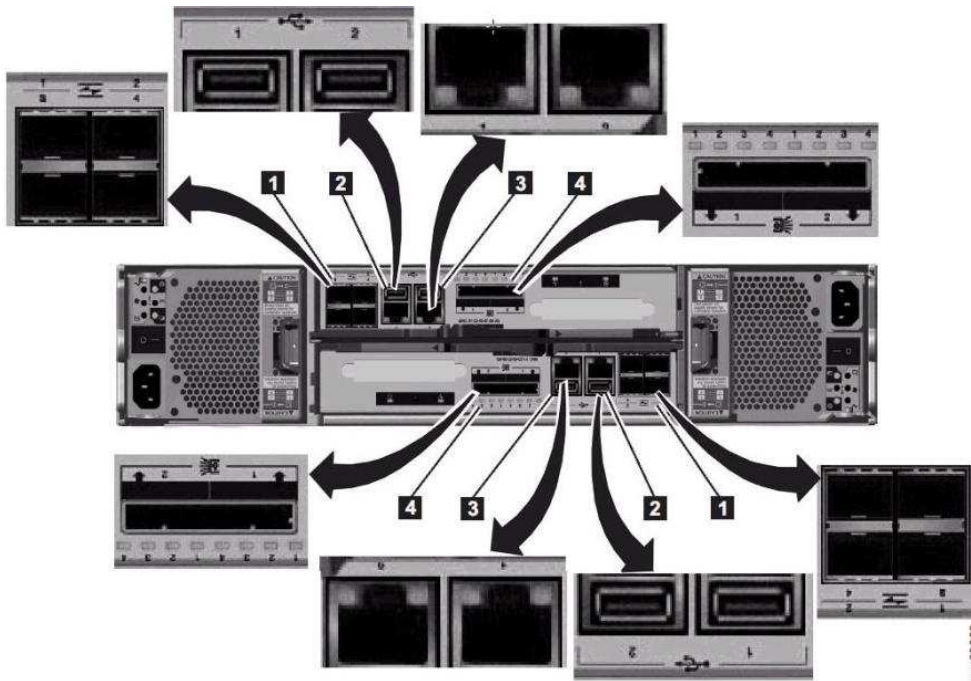
**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 87**



Using the diagram as a reference, what number refers to where the USB key can be inserted?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 88**

On the Storwize V7000 what would be a good use (or Solid Slate Drives other than Easy Tier)?

- A. Hosting linked pools for a Virtual Desktop Infrastructure environment in order to avoid "Boot Storms"
- B. Hosting volumes used for batch workloads

- C. Hosting volumes for archival data with strict compliance and encryption rules
- D. Hosting large volumes used in sequential activity

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 89**

A customer wishes to use Global Mirror between their data centers but lacks access to fiber between sites. They do have arrangements with a local telecom for network connectivity. What option could be recommended to allow the customer to send data between the two sites?

- A. Implement directors or routers that use FCIP
- B. Connect Dense Wavelength Division Multiplexers (DWDM) to Fiber
- C. Use FICON to connect
- D. Use FCoE to connect

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 90**

The IBM Storwize V7000 migration wizard supports all of the following volume types EXCEPT:

- A. Archive repositories
- B. SAN boot Images
- C. Nearline volumes
- D. Active Directory volumes

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 91**

In a Metro Mirror environment, which of the following objects are in a Remote Copy relationship?

- A. Node
- B. Pool
- C. Volume
- D. MDisk

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 92**

In order to support Global Mirror from a Storwize V7000 Master volume that is used for production, how must the bandwidth be sized?

- A. Average Daily Change Rate
- B. Peak Write Activity
- C. Average Write Activity Per Hour
- D. Peak Write Activity Per Hour

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 93**

Which hardware features is a differentiating advantage of the Storwize V7000 over the EMC CX4?

- A. Dual Active/Active controllers
- B. 8GbpsFCports
- C. No separate drives for metadata
- D. 10-GbiSCSI

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 94**

Which of the following EMC competitive offerings would be offered against the Storwize V7000 if the client has requested both FC and iSCSI Host connectivity options?

- A. VNXe3300
- B. VNX5300
- C. VNX5100
- D. VNXe3100

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 95**

Which software can be installed on a SAN Volume Controller or Storwize V7000 and will identify known issues which may result in an installation error?

- A. Storage Tier Advisor Tool
- B. Storage Management Console

- C. Storwize V7000 Initialization Tool
- D. Software Upgrade Test Utility

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 96**

What is the appropriate tool to model the performance of a Storwize V7000?

- A. Capacity Magic
- B. Disk Magic
- C. eConfig
- D. System Storage Interoperation Center

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 97**

On the Storwize V7000 what architecture is used for the connection to the internal drive enclosures?

- A. Fibre Channel
- B. iSCSI
- C. sas
- D. FC-AL

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 98**

All of the following application environments can benefit from transactionally consistent snapshots created with Tivoli Storage FlashCopy Manager EXCEPT:

- A. Sybase
- B. SAPwithfiDB2
- C. SAP with Oracle
- D. Microsoft SQL Server

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 99**

The following statements about Storwize V7000 replication are correct EXCEPT:

- A. One Remote Copy relationship can only belong to one consistency group.
- B. Metro Mirror and Global Mirror relationships cannot belong to the same consistency group.
- C. Usage of Remote Copy target volumes as Remote Copy source volumes is not allowed.
- D. The two volumes in a relationship can be different sizes

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 100**

Easy Tier performs all of the following functions EXCEPT:

- A. Workload monitoring
- B. Data resiliency
- C. Workload analysis
- D. Smart data migration

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 101**

Which of the following statements best describe a quorum disk?

- A. It is a volume where the DACstore information is stored.
- B. It is a volume that contains a reserved area that is used exclusively for cluster (system) management.
- C. It is a physical drive dedicated for cluster (system) management.
- D. It is a managed disk or a managed drive that contains a reserved area that is used exclusively for cluster (system) management.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 102**

The customer has a Storwize V7000 and wants to use a copy of the production data for development and does not want to impact the production volume once the copy has been created. What function would the technical specialist recommend to this customer?

- A. FlashCopy - snapshot
- B. FlashCopy - clone
- C. FlashCopy-backup

D. FlashCopy - nocopy

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 103**

For the Storwize V7000, what is the formal process used to request support for an operating system that is currently not on the support list?

- A. Submit request in Infocenter
- B. Submit request on Storvize V7000 wiki
- C. Submit request in System Storage Interoperation Center (SSIC)
- D. Submit Request for Price Quote (RPQ) through IBM or Distributor

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 104**

A customer wants to reclaim previously allocated but unused storage  
In combination with Thin Provisioning, which Storwize V7000 feature fulfills this requirement?

- A. Snapshot
- B. Volume Mirroring
- C. External Virtualization
- D. Reverse FlashCopy

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 105**

How would the process of moving grains between a FlashCopy Source and Target Volume be best described?

- A. Redirect On Write
- B. Copy on First Write
- C. Copy on Write
- D. Copy on First Read

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 106**

A customer has a requirement that states a mapped volume must be physically located on two different systems for resiliency.  
Which Storwize V7000 feature would directly address this requirement?

- A. Easy Tier
- B. FlashCopy
- C. Volume Mirroring
- D. Metro Mirror

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 107**

The customer has nine servers in the data center connected only by Ethernet and does not want to add any new switches.  
What is the best way to connect the hosts to the Storwize V7000?

- A. FCoE
- B. iSCSI
- C. Fibre Channel direct attach
- D. EtherChannel

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 108**

A customer wants to create a FlashCopy volume for backup to tape. Which of the following background copy rates should be used?

- A. 0
- B. 1
- C. 99
- D. 100

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 109**

Which of the following is a true statement about Easy Tier once it is activated on a pool on the Storwize V7000?

- A. Easy Tier cannot be disabled for individual volumes within the pool
- B. Easy Tier can be disabled for individual volumes within the pool from the GUI

- C. Easy Tier can be disabled for individual volumes within the pool from the CLI
- D. Easy Tier must be disabled before removing volumes from the pool

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 110**

When configuring Fibre Channel host connectivity on the Storwize V7000, which operating system requires additional configuration steps?

- A. Windows
- B. HP/UX
- C. Linux
- D. AIX

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 111**

What would be an advantage to have a customer virtualize their existing storage behind the Storwize V7000?

- A. It could be used as tiered storage
- B. It could be used for CKD volumes
- C. It could be used to provide SAS host connectivity
- D. It could be used for deduplication

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 112**

How much space is required to install a Storwize V7000 enclosure in a rack?

- A. 1 Unit
- B. 2 Units
- C. 3 Units
- D. 4 Units

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 113**

Of the following options, what is the best method for increasing the availability of a volume while also increasing performance?

- A. Use RAID 6 in an 6+2 configuration
- B. Use RAID 5 in a 7+1 configuration
- C. Use Volume Mirroring with a SSD array as the preferred MDisk
- D. Use Easy Tier with the storage pool split between two disk systems

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 114**

All of the following are triggers for an event notification in the Storwize V7000 EXCEPT:

- A. Error
- B. Warning
- C. Information
- D. Announcement

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 115**

On a Storwize V7000, what is the result of configuring storage by selecting the "Optimize for Performance" option in the GUI?

- A. The system will automatically use solid-state disks
- B. The system will create pools of identical arrays per drive type (MDisks)
- C. The system will create pools using all the drives selected
- D. The system will automatically mirror drives

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 116**

In a Remote Mirror partnership, what is the recommended volume configuration for the auxiliary Storwize V7000?

- A. Two Generic Volumes configured as a remote copy target and FlashCopy target
- B. One Generic Volume configured as a remote copy target
- C. One Generic Mirrored Volume configured as a remote copy target

D. One Thin Provisioned Volume

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 117**

In a Remote Mirror partnership, what is the recommended volume configuration for the auxiliary Storwize V7000?

- A. Two Generic Volumes configured as a remote copy target and FlashCopy target
- B. One Generic Volume configured as a remote copy target
- C. One Generic Mirrored Volume configured as a remote copytarget
- D. One Thin Provisioned Volume

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 118**

A customer is setting up a Virtual Desktop Infrastructure (VDI).

Which of the following features of the Storwize V7000 would be recommended to avoid performance impact during peak activity periods?

- A. VAAI
- B. Easy Tier
- C. Thin Provisioning
- D. vCenter Plug-In

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 119**

On the Storwize V7000, if using the GUI preset for nearline SAS drives, the RAID configuration would be:

- A. RAID 0
- B. RADIO
- C. RAID 6
- D. RAID 5

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 120**

Which comparable software feature is included on the Storwize V7000 that is chargeable on the EMC Clariion CX4?

- A. non-disruptive volume migration across array
- B. Storwize virtualization
- C. asynchronous replication
- D. host multi-pathing software

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 121**

The Storwize V7000 uses what drive type for high capacity disk drives (2 TB and larger)?

- A. SAS
- B. Fibre Channel
- C. SATA
- D. NearlineSAS

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 122**

On the Storwize V7000 which of the following is a consequence of having nearline SAS and SAS drives in the same pool?

- A. The Storwize V7000 will generate an error and not allow the pool to be created.
- B. The storage administrator will need to provision each volume on its own drive type within the pool.
- C. The application may experience inconsistent performance.
- D. Easy Tier is activated and will migrate extents between the two drive types based on I/O workload.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 123**

A customer has the desire to consolidate the management of their IBM servers and storage. Which solution would enable them to accomplish this?

- A. IBM Storwize V7000 GUI
- B. Tivoli Storage Productivity Center for Data
- C. IBM Systems Director

D. Tivoli Storage Productivity Center for Disk Midrange Edition

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 124**

A customer has corrupted data on their Storwize V7000 that has now propagated to their remote site. What feature of the Storwize V7000 could help restore the system?

- A. If a FlashCopy had been taken, Flashcopy could be used to make a reverse FlashCopy to the primary data and the changes would propagate to the secondary site.
- B. If a FlashCopy had been taken of the database, a reverse FlashCopy can be made to the secondary system, but a complete copy would be needed for the primary site.
- C. The data could be restored from tape, and the secondary copy would have to made from scratch.
- D. If a FlashCopy had been taken, a reverse FlashCopy can be made to the secondary site, nothing is needed on the primary.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 125**

What would the technical specialist recommend if the customer needed snapshots of their DB2 database for their Storwize V7000?

- A. Tivoil Storage FlashCopy Manager
- B. Tivoli Storage Manager
- C. Tivoli Storage Productivity Center
- D. IBM Systems Director

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 126**

An IBM Storwize V7000 customer with which of the following applications could benefit from Tivoli Storage FlashCopy Manager?

- A. SharePoint
- B. Oracle
- C. Sybase
- D. MySQL

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 127**

When performing a bandwidth analysis, the output from what tool might be requested?

- A. IOStat
- B. Capacity Magic
- C. Collect All Support Data (CASD)
- D. Tivoli Storage Productivity Center Basic Edition

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 128**

A customer has a SAN environment with a Cisco MDS 9148.

What resource would the technical specialist use to verify compatibility with the Storwize V7000?

- A. System Storage Interoperation Center
- B. Storwize V7000 Information Center
- C. TDASAPR Guide
- D. Storwize V7000 Implementation Redbook

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 129**

If a customer wants to test their disaster recovery configuration, which volume type does Tivoli Storage Productivity Center for Replication recommend using?

- A. Practice Volumes
- B. Auxiliary Volumes
- C. Journal Volumes
- D. Restore Volumes

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 130**

In a Metro Mirror or Global Mirror configuration, a single volume can be mirrored to how many remote Storwize V7000 systems?

- A. 4

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 131**

If a customer is using volumes on the IBM Storwize V7000 to provide storage for a file server, which product would allow the customer to analyze the file systems?

- A. Tivoli Storage Productivity Center for Data
- B. Tivoli Storage Productivity Center for Disk Midrange Edition
- C. Storage Optimizer
- D. Storwize V7000 GUI

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 132**

A customer has an LPAR running i5/OS at V5R4 and is interested in the Storwize V7000 as a nearline storage solution.

Which of the following statements would be a supported proposal in order for the customer to be able to map to the new Storwize V7000?

- A. Update the HBAs in the POWER server to latest firmware level.
- B. Configure the i5/OS LPAR to access storage through a VIO server.
- C. Upgrade the server to POWER7 and ensure the HBAs are at the appropriate level.
- D. Upgrade the operating system to V6.1.1 in native mode.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 133**

If a customer virtualizes a XIV system behind an IBM Storwize V7000, into how many pools should the Storwize V7000 be split?

- A. 10
- B. 5
- C. 3
- D. 1

**Correct Answer:** D



**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 134**

A customer runs a data center which operates 24/7 and has older fiber channel storage systems that have reached their end of life. The customer wants to replace these systems with an IBM Storwize V7000 but has a limited service window.

What feature of the Storwize V7000 will allow the customer to replace this equipment with minimal disruption?

- A. Migration Wizard
- B. Metro Mirror
- C. Clustered Systems
- D. Volume Mirroring

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 135**

What is the procedure to initially configure the IP addresses within a new Storwize V7000?

- A. Connect directly to the system using the IBM Storwize V7000 Initialization Tool
- B. Use the IBM Storwize V7000 Initialization Tool to create the configuration file and write it to a USB key
- C. Connect to the controller through the master console to access the Apache web engine
- D. Use a supported web browser to connect to the controller using the address 192.168.128 101

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



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