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C1000-022

IBM Storage Technical V2



Version 1.0

Exam A

QUESTION 1

A customer with a highly virtualized VMware environment and several bare-metal Oracle servers is interested in data protection and replication between its on-site and IBM cloud environments. Which technology should be discussed?

- A. IBM Spectrum Protect Extended Edition
- B. IBM Spectrum Protect for Virtual Environments
- C. IBM Spectrum Protect Snapshot
- D. IBM Spectrum Protect Plus

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/downloads/cas/L9MD4MEZ>

QUESTION 2

A customer has an existing IBM XIV Gen3 solution with 3 TB drives and nine modules. While performance is acceptable, the customer wants to increase the performance of small-block reads. The current nine modules are running at 60% of capacity.

Which solution should the technical specialist recommend?

- A. Add an IBM FlashSystem 900 as a separate pool.
- B. Add the SSD caching option on five modules.
- C. Add the SSD caching option on all nine modules.
- D. Add three more data modules to improve performance.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://books.google.com.pk/books?id=GQSIAGAAQBAJ&pg=PA20&lpg=PA20&dq=ibm+increase+the+performance+of+small+block+reads&source=bl&ots=p9wvr-wpdb&sig=ACfU3U1otas71JSmTrTj6JS16DzOY5Rujw&hl=en&sa=X&ved=2ahUKEwirw6OtwenjAhUF2-AKHQU3AUIQ6AEwAHoECAkQAQ#v=onepage&q=ibm%20increase%20the%20performance%20of%20small%20block%20reads&f=false>

QUESTION 3

A customer has IBM and NetApp block and file storage. The customer is interested in reducing storage costs and optimizing its data center through intelligent capacity planning, storage reclamation, storage tiering, and performance metrics. Which IBM SDS offering should the technical specialist discuss with the customer?

- A. IBM Spectrum Protect
- B. IBM Spectrum Control
- C. IBM Spectrum Insights Pro
- D. IBM Virtual Storage Center

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/en/SSQRB8/com.ibm.spectrum.si.doc/prd_ovw_versions.html

QUESTION 4

A customer has a requirement for 250,000 IOPS and 200TB of capacity. The customer requires IBM SSR code upgrades at no additional charge.

Which solution should the technical specialist recommend to the customer?

- A. IBM FlashSystem A9000 with 3.6TB MicroLatency modules.

- B. IBM FlashSystem V9000 with IBM Storwize V5010 with 1.2TB drives
- C. IBM Storwize V7000 with 1.2TB drives and 800 GB SSDs
- D. IBM DS8886 with 1.2TB drives and HPFE

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which exclusive feature of the IBM FlashSystem 9100 is a technical advantage over competitive storage arrays?

- A. 3D NAND SATA SSD drives
- B. NVMe SSD drives
- C. XL Flash modules
- D. FlashCore modules

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.crn.com/news/storage/300106236/ibms-new-flashsystem-9100-all-nvme-flash-storage-comes-loaded.htm>

QUESTION 6 Which IBM storage solution provides the least latency?

- A. IBM FlashSystem 9100
- B. IBM FlashSystem 900
- C. IBM FlashSystem V9000
- D. IBM FlashSystem A9000



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/developerworks/community/blogs/5things/entry/5_Things_to_know_about_IBM_FlashSystem_V9000?lang=en

QUESTION 7

A customer has a complex IBM and EMC storage environment. The customer needs to understand how the Oracle and VMware storage environments are performing and the amount of storage still available. What tool should the storage specialist recommend?

- A. VSI Study
- B. AWR Report
- C. Disk Magic
- D. Capacity Magic

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which sample, non-intrusive process should a technical specialist recommend to obtain an overview of the storage environment?

- A. Disk Magic study
- B. IBM Spectrum Control Advanced
- C. Visual Storage Intelligence study
- D. IBM Spectrum Connect

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A customer has experienced a high rate of drive failure and loss of data in its environment and is considering IBM Spectrum Accelerate to replace the existing storage. Which IBM Spectrum Accelerate benefit should the technical specialist highlight to the customer?

- A. IBM Hyper-Scale Mobility
- B. Distributed RAID
- C. IBM HyperSwap
- D. Fast rebuild speed

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A customer with block storage from a competitor desires an OpenStack ready platform for storage management. Which solution should the technical specialist recommend?

- A. IBM Spectrum Accelerate
- B. IBM Spectrum Scale
- C. IBM Storage Insights
- D. IBM Spectrum Control

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/en/STXKQY_5.0.3/com.ibm.spectrum.scale.v5r03.doc/bl1ins_openstackusecase.htm

QUESTION 11 What is the default configuration of a RAID protection level in an IBM DS8886 HPFE?

- A. RAID 5
- B. RAID 1
- C. RAID 10
- D. RAID 6

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.redbooks.ibm.com/redpapers/pdfs/redp5422.pdf>

QUESTION 12 Which IBM FlashSystem A9000 function enables the division of storage system administration tasks into logical domains?

- A. Storage-based permissions
- B. Access-based permissions
- C. Multi-tenant-based permissions
- D. Role-based permissions

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.redbooks.ibm.com/redpapers/pdfs/redp5474.pdf>

QUESTION 13

A customer plans to upgrade its LTO-4 tapes and drives to LTO-7 drives.

Which solution should the technical specialist propose concerning existing media that needs to be retained for later recovery?

- A. Use the LTO-4 drive to write to the new LTO-7 media
- B. Reformat the LTO-4 media to be used by LTO-7 drives
- C. Existing media can be read using LTO-7 drives
- D. Keep an existing drive to process existing LTO-4 media

Correct Answer: D

Section: (none)

Explanation

**Explanation/Reference:****QUESTION 14**

A customer has existing SAP HANA production nodes connected to IBM Spectrum Scale. The customer needs to scale out additional nodes to maintain the high bandwidth requirement. Which type of nodes should be proposed?

- A. Storage nodes with SAS drives
- B. Storage nodes with NVMe drives
- C. Protocol nodes with SSD drives
- D. Storage nodes with SSD drives

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15 What is the minimum role level needed to download support log files to troubleshoot the IBM Spectrum Virtualize software?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

A customer currently owns a Scalar LTO-5 SAS single drive autoloader. Planned future growth requires a tape library with capacity of four LTO-7 drives and 40 data cartridges. Which IBM product meets the requirement while minimizing impact on the budget?

- A. IBM TS4300
- B. IBM TS4500
- C. IBM TS2900
- D. IBM TS3500

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/1/897/ENUS115-131/index.html&lang=en

QUESTION 17

A customer is preparing for a storage upgrade and is trying to decide if hybrid or all flash is appropriate for them. Lifecycle cost is a primary concern. Which tool should the technical specialist use to help the customer decide?

- A. TCOnow!
- B. Capacity Magic
- C. Data reduction Estimator
- D. IBM Storage Tier Advisor Tool



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A customer wants to replace its legacy block storage environment with a new IBM FlashSystem A9000R solution and is concerned about properly estimating consolidated storage capacity after deduplication and compression savings. Which tools should be used?

- A. Capacity Magic
- B. IBM Data Reduction Estimator Tool
- C. IBM Comprestimator
- D. IBM Storage Insights

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.redbooks.ibm.com/redbooks/pdfs/sg248345.pdf> (104)

QUESTION 19

Which flash core modules in an IBM FlashSystem A9000 provide the greatest capacity utilizing inline compression?

- A. 2.9 TB B. 8.5 TB
- C. 15.36 TB
- D. 3.6 TB

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.redbooks.ibm.com/redbooks/pdfs/sg248345.pdf>

QUESTION 20 Which IBM A9000R option addresses rapid data growth and financial concerns?

- A. IBM Global Financing
- B. Distributed data
- C. Growth on Demand
- D. Advanced System Placement

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/1/877/ENUSZG17-0121/index.html&lang=en&request_locale=en

QUESTION 21

A customer issued an RFP to replace EMC Disks. Vendors are being asked to provide the best competitive advantage in their proposals. What should the IBM proposal on an IBM FlashSystem A9000 include in the bid?

- A. IBM HyperSwap migration
- B. All software features included in base price
- C. Flash cache
- D. External storage virtualization

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22 What describes IBM maintenance remote support security features for the IBM TS4500?

- A. IBM TS4500 tape library supports password protected dial-in via telnet or ftp.
- B. Customer data on tape or in memory is encrypted for transmission during remote support sessions.
- C. IBM TS4500 call-home support defaults to email notification rather than direct dial-in.
- D. Dial-in is restricted through the IMC, requiring separate logins for each attached system.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A customer wants a storage system solution with proactive system health management. The customer has asked about advantages that the IBM FlashSystem A9000R offers. Which feature should the technical specialist discuss?

- A. IBM Spectrum Connect
- B. Phase out and self-healing mechanisms
- C. IBM Assist On-site
- D. Grid architecture redundancy with hot standby

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/STJKMM_12.0.3/PDFs/IBM_FlashSystem_A9000_12.0.3_PO.pdf

QUESTION 24 What is the function of Copy Export within an IBM TS7760?

- A. Creates copies of data on tape for disaster recovery
- B. Moves data out of cache to provide more space
- C. Exports data to be read by third-party tape drives
- D. Copies data between grid connected IBM TS7760s

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/en/STFS69_4.1.0/ts7740_export_import_overview.html

QUESTION 25

An IBM customer has IBM DS8886 storage installed. The customer has decided to add another new IBM DS8886 and use Metro Mirror to provide a synchronous redundant copy of the data. Which additional IBM software enables non-disruptive failover in the event of a storage hardware failure?

- A. IBM Remote Pair FlashCopy
- B. IBM Global Mirror
- C. IBM Spectrum Connect
- D. IBM Hyper-Swap Manager

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26 What is one advantage of IBM Storage Insights Pro over IBM Storage Insights?

- A. Simplified ticket workflows
- B. Upgrade recommendations
- C. Reclaim unused storage
- D. Unified Dashboard

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which IBM product should the technical specialist propose to a customer who wants to store multiple PBs of unstructured data that requires a single namespace?

- A. IBM Spectrum Archive LE
- B. IBM Clustered Storwize Array
- C. IBM Spectrum Scale
- D. IBM Spectrum Insights

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

A customer is looking for a storage solution to archive data in the environment. The customer needs to control the environment as much as possible. What is the recommended technology from a price per TB standpoint?

- A. Large-form factor disk drives
- B. Virtual tape library
- C. LTO/Enterprise tape
- D. IBM Cloud Object Storage

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 29 Which IBM Storage feature deployed by IBM Lab Services gives customers the Peace of Mind guarantee of 100% data availability?

- A. IBM controller upgrade program
- B. Hyperledger
- C. IBM HyperSwap
- D. Flash Endurance

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/downloads/cas/ROX8M7M5>

QUESTION 30 Which IBM function provides a high availability feature with dual-site, active-active access to a volume in IBM Spectrum Virtualize?

- A. FlashCopy
- B. IBM Hyper-Scale Manager
- C. Remote Mirror
- D. HyperSwap

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:**

Reference: https://www.ibm.com/support/knowledgecenter/STVLF4_8.2.1/spectrum.virtualize.821.doc/svc_hyperswapovr.html

QUESTION 31

An IBM TS4500 Tape Library customer has a requirement to add high availability to all systems in the data center. What must be added to the library to meet the high availability requirement?

- A. Dual grippers
- B. Redundant I/O stations
- C. Dual accessors
- D. Redundant Library Managers

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:**

Reference: <http://www.redbooks.ibm.com/redbooks/pdfs/sg248235.pdf> (19)

QUESTION 32 Which element of business continuity is employed by creating nightly flash copies at the primary data center?

- A. IBM HyperSwap
- B. Backup strategy
- C. Continuous data protection
- D. High availability

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 33**

A customer is considering a storage consolidation project. The IBM technical specialist wants to show how the IBM solution will be more cost-effective than competitive solutions. Which tool should the technical specialist use?

- A. IBM TCOnow!
- B. IBM Data Pattern Analytics
- C. IBM Storage Insights
- D. IBM VSI Study

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:**

Reference: <https://www.ibm.com/downloads/cas/A8XQ4AZJ>

QUESTION 34

A customer has asked about the difference between standard RAID and declustered RAID architecture of IBM Spectrum Scale. Which advantage of declustered RAID should the technical specialist highlight?

- A. Uses a subset of drives in the declustered RAID to rebuild data
- B. Load on drives is increased during array rebuild
- C. More predictable performance



D. One parity drive

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/en/SSYSP8_4.0.0/c2766583.pdf (6)

QUESTION 35

A customer has a two-frame IBM TS4500 Tape Library with 24 IBM TS1150 drives. The L frame is the left-most frame and the customer wants to add slots for 1100 cartridges. The available physical space in the data center is limited, so high density (HD) frames are needed. The customer has some existing IBM TS3500 storage frames that could be re-purposed. What does the customer need to understand about the upgrade?

- A. An IBM TS3500 storage frame must be upgraded to an IBM TS4500 frame before it can be redeployed.
- B. The IBM TS3500 storage frames must be installed to the right of the L frame.
- C. A redeployed IBM TS3500 storage frame must be the last (right-most) frame.
- D. The IBM TS3500 storage frame must be upgraded with TS1030 tape drives before it can be redeployed.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A customer has an IBM Spectrum Virtualize environment as part of the IBM Spectrum Storage Suite. Snapshot is frequently used for short term backups of databases. Increases in the database size have created the need for an additional storage footprint to store short-term backups, but capital expenses are on hold. What should the technical specialist recommend?

- A. Install IBM Spectrum Scale
- B. Implement Transparent Cloud Tiering
- C. Purchase a high density expansion for the IBM San Volume Controller
- D. Leverage IBM Spectrum Copy Data Management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

An IBM TS4500 has experienced I/O errors that have prevented moving the library into production. IBM has verified that the configuration is valid and performed the replacement of multiple parts. What is the next step the technical specialist should perform?

- A. Perform an in-depth problem analysis and follow up with appropriate actions to resolve the issue
- B. Escalate the issue through the complaint process (critsit) and explain this process and next steps to the customer.
- C. Facilitate a meeting with IBM and customer executives to discuss available options to resolve the situation.
- D. Conduct a workshop with customer system administrators and IBM technical field support representatives to jointly resolve the problem.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

A customer wants to replace an existing HDS system connected to an IBM z/OS mainframe with a storage solution to reduce cooling requirements and potential of mechanical failure. Which storage solution should the technical specialist recommend?

- A. IBM DS8886 HPFE
- B. IBM DS8884 with SAS drives
- C. IBM FlashSystem V9000
- D. IBM FlashSystem 9100

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

After activating disk encryption on an existing IBM TS7700, which action does a client need to take for the existing virtual volumes to be encrypted?

- A. Any existing volumes will have to expire and be reused before being encrypted.
- B. The customer must assign existing virtual volumes with a new encryption policy.
- C. No additional customer action is required once encryption is enabled.
- D. The copy refresh command must be issued for each of the existing volumes.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40 Which solution allows for the greatest effective capacity per EIA unit of rack space?

- A. IBM FlashSystem 9100
- B. IBM Storwize V7000F
- C. IBM Storwize V5030F
- D. IBM FlashSystem A9000R

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_sm/2/872/ENUS7014-T42/index.html&lang=en&request_locale=en

QUESTION 41 Which IBM FlashSystem A9000 replication feature provides the ability for a remote target volume to be initialized without requiring the contents of the source volume to be re-replicated over an inter-site link?

- A. Synchronous replication
- B. Change volume replication
- C. Offline initialization
- D. Asynchronous replication

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.redbooks.ibm.com/redpapers/pdfs/redp5401.pdf> (18)

QUESTION 42 Which IBM software allows a customer to utilize containers with IBM FlashSystem storage?



- A. IBM Spectrum Connect
- B. IBM HyperScale Mobility
- C. IBM Spectrum Virtualize for Cloud
- D. IBM Cloud Object Storage

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/downloads/cas/KK5PGD8E>

QUESTION 43

A customer with a local IBM SVC cluster wants to use S3 protocol for archiving. Which IBM SVC feature can be used to meet these requirements?

- A. HyperSwap
- B. Global Mirror
- C. Metro Mirror
- D. Transparent Cloud Tiering

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.redbooks.ibm.com/redpapers/pdfs/redp5121.pdf>

QUESTION 44

A scientific customer is evaluating the IBM TS4500 against the Spectra Logic and Quantum Scalar i6000 and suggests that there is no difference since these vendors use IBM manufactured drives in their libraries. What is a key advantage of the IBM TS4500?

- A. Faster move time for tape mounts
- B. Standard 19" rack form factor
- C. Vendor agnostic media reporting
- D. Modular frames for expansion

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45 Which IBM software allows analytics developers to assign persistent storage to containers?

- A. IBM Spectrum Connect
- B. IBM Spectrum Scale
- C. IBM HyperScale Mobility
- D. IBM Spectrum Archive

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/blogs/systems/containers-persistent-storage-ibm/>

QUESTION 46

A customer is refreshing a 300 TB multi-vendor storage environment with an IBM Storwize V7000 and needs all the storage advanced functionality features such as remote mirroring, thin provisioning and Easy Tier. The customer also requires capability for storage provisioning, VMware vCenter APIs, and performance monitoring. Which product should the technical specialist recommend?

- A. IBM Virtual Storage Center
- B. IBM Storwize V7000 full bundle
- C. IBM Spectrum Connect
- D. IBM Storage Insights

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

A mainframe customer needs to control the rapid growth of its database environment while providing the highest performance, lowest latency, and lowest TCO. Which solution satisfies the customer's requirements?

- A. IBM Elastic Storage Server
- B. IBM FlashSystem A9000
- C. IBM DS8886
- D. IBM FlashSystem V9000

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

**QUESTION 48**

A customer requires a mass scale-out storage solution to organize, store, manage and access unstructured data. The system must be highly secure, with no single point of failure, and unlimited scalability. The data must be stored economically across 4 sites with continuous access to data, even if one site is offline. Which product should the technical specialist recommend?

- A. IBM High Performance Storage System
- B. IBM Cloud Object Storage
- C. IBM Spectrum Scale
- D. IBM Virtual Tape Server Grid

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/se-en/marketplace/scale-out-file-and-object-storage>

QUESTION 49

A security policy for a customer specifies a need for similar methods to manage encryption keys for disk and tape storage. A recent proposal includes the IBM TS4500 and IBM Storwize V5030. Which solution should the technical specialist highlight?

- A. IBM Spectrum Control will manage encryption for both products.
- B. Enterprise Secure Key Manager
- C. IBM Enterprise Key Management Foundation
- D. IBM Security Key Lifecycle Manager will manage keys for both products.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50 What does IBM require to verify a customer's environment before installation of an enterprise tape library?

- A. Technical and Delivery Assessment
- B. Techline Solution Review
- C. Butterfly Study
- D. Product Installation and Planning guide

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

A customer wants to migrate from an IBM DS5300 to an IBM FlashSystem V9000 and wants to determine reductions in physical storage requirements. Which tool should the customer use?

- A. Storage Consolidation Evaluation Tool
- B. IBM Comprestimator Utility
- C. Disk Magic
- D. Capacity Magic



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

Which offering provides scale-out parallel processing and dramatically accelerates performance of analytics clusters when integrated with the IBM FlashSystem?

- A. IBM Cloud Object Storage
- B. IBM Spectrum Connect
- C. IBM Spectrum Accelerate
- D. IBM Spectrum Scale

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

A cloud service provider is looking to provide a scalable solution that provides quality of service capabilities, ease of management, deduplication, and integration with OpenStack and VMware while providing sub-millisecond response time. Which solution should the technical specialist recommend?

- A. IBM FlashSystem 900
- B. IBM Spectrum Scale
- C. IBM FlashSystem A9000R

D. IBM Spectrum Accelerate

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

A customer has an IBM SAN Volume Controller cluster with two CF8 nodes that contain one four-port Fibre Channel card. The customer desires to replace these two nodes with two new SV1 nodes running compression. The customer requires that this upgrade occur without down time.

Which step is needed first to ensure success of this upgrade?

- A. Determine if the new SV1 nodes have a compression accelerator.
- B. Make sure there are at least two Fibre Channel cards in the SV1 Nodes.
- C. Confirm the CF8 nodes are running at least software version v7.7.1.
- D. Ensure the new SV1 nodes have one hot spare node.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

What is the complete source of information for power, cooling, and floor space requirements for IBM tape products?

- A. Product announcement letters
- B. Installation and Planning guide
- C. IBM Storage System Interoperation Center
- D. Preinstall TDA checklist

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://books.google.com.pk/books?id=usVDDwAAQBAJ&pg=PA238&lpg=PA238&dq=complete+source+of+information+for+power,+cooling,+and+floor+space+requirements+for+IBM+tape+products&source=bl&ots=9XBmSYYwaQ&sig=ACfU3U0bbaLNvwVkbmXwWqudQQdykwuww&hl=en&sa=X&ved=2ahUKEwj46ekrerjAhU6DGMBHbuxD04Q6AEwCxoECAkQAQ#v=onepage&q=complete%20source%20of%20information%20for%20power%2C%20cooling%2C%20and%20floor%20space%20requirements%20for%20IBM%20tape%20products&f=false>

QUESTION 56 Which OpenStack component allows management of IBM XIV and IBM DS8884 through a dashboard that gives administrators control while empowering users to provision resources through a web interface?

- A. Swift
- B. Nova
- C. Cinder
- D. Horizon

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.redbooks.ibm.com/redpapers/pdfs/redp5220.pdf>

QUESTION 57

Which product enables a single point-of-control for multiple storage resources to help support improved business application availability and greater resource utilization?

- A. IBM Spectrum Connect
- B. IBM DS8886
- C. IBM Spectrum Accelerate
- D. IBM Spectrum Virtualize

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

A customer wants to improve overall workload performance and is considering adding either an IBM Storwize V7000 or an IBM FlashSystem A9000 to the environment. Which key performance characteristic differentiates these two products?

- A. Cache hit rate
- B. Latency
- C. Dynamic GZIP
- D. Variable Stripe Raid

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

**QUESTION 59**

IBM has proposed IBM Spectrum Control for a customer who is currently using multiple vendor tools to manage a complex heterogenous storage environment. How does IBM Spectrum Control do this?

- A. Automatic data migration
- B. Single storage pool management
- C. Enabled cloud-based management
- D. Simplified single-pane of glass management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

An IBM Power AI system based on AC922 equipped with NVIDIA GPU requires 40 GB/s throughput and a policy based storage system. Which IBM Storage AI Infrastructure Reference Architecture fulfills these requirements?

- A. IBM DS8886
- B. IBM Elastic Storage Server
- C. IBM FlashSystem 9100
- D. IBM Spectrum Virtualize

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:

Reference: <https://www.ibm.com/downloads/cas/W1JQBNJV>

