

N10-004

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Exam : CompTIA N10-004

Title : CompTIA Network+ (2009)

Korean, German and

Spanish only Certification

Exam

<http://www.exam1pass.com/N10-004-exam.html>

Exam A

QUESTION 1

A customer has purchased three IBM System Storage DS8300 systems and would like to have their SAN and storage administrator trained. The customer is worried about having much of their staff out of the office at the same time attending courses. Which training alternative provides the necessary training with the least impact?

- A. purchase the training CD for the disk subsystem and have the staff do self-paced training
- B. have the IBM Service Support Representative perform the training
- C. contact IBM Education Services for an onsite training class
- D. send one person at a time to an IBM training session

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

<http://www.exam1pass.com/N10-004-exam.html>

QUESTION 2

A company has acquired another company and is consolidating data centers. During the consolidation, half of the users of a business-critical application lost access. The users who maintained access experienced slow performance. What is the first action the SAN/storage administrator should take to determine the source of the problem?

- A. review SAN configuration, connectivity, and zoning
- B. review application parameters for contention or tuning problems
- C. use internal disk monitoring tools to determine the problem source
- D. check the disk parameters in the OS setup on the systems

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

<http://www.exam1pass.com/N10-004-exam.html>

QUESTION 3

A customer wants to collect performance data from a newly installed IBM System Storage DS8300 to determine if the system meets expected benchmarks using their application test data. Which tool best gathers the performance data?

- A. IBM DS Storage Manager
- B. IBM Tivoli Storage Resource Manager
- C. IBM TotalStorage Productivity Center for Disk
- D. IBM TotalStorage Productivity Center for Data

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

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QUESTION 4

A customer SAN environment has undergone significant growth over the past two years. They have also suffered a high turnover rate with administrative personnel. The customer has asked a storage specialist for help in documenting and understanding their changing SAN environment. The ability to make configuration changes to devices would be a plus.

Which tool should the storage specialist suggest?

- A. Visio
- B. TPC Basic Edition
- C. IBM Tivoli NetView
- D. Fabric Manager

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

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QUESTION 5

A customer recently installed new SAN with an IBM System Storage DS8300 and several open systems servers to address a need for storage consolidation and still provide good response time. They have asked the Business Partner technical representative for the most complete IBM product that would allow them to do performance reporting of the new SAN environment. What is the best solution?

- A. Tivoli Storage Manager
- B. Total Productivity Productivity Center for Disk
- C. Total Productivity Center Basic Edition
- D. Total Storage Productivity Center Standard Edition

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

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QUESTION 6

A customer using an IBM System Storage DS8300 is facing performance problems. After the analysis by the technical specialist, the diagnosis indicates that the cache hits may be improved by a cache upgrade.

How can the system be monitored in order to check the benefits of the cache upgrade?

- A. using the "vmstat" command on the AIX servers connected via SAN to the DS8300 system
- B. looking at the number of I/O managed by the DS8300 system
- C. reading the performance reports via TotalStorage Productivity Center for Disk
- D. generating reports using the TotalStorage Expert

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

What is one reason the customer should install IBM System Storage DS8000 Virtual Private Network



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(VPN) technology for the Call Home function?

- A. to avoid using a more expensive dial-up modem
- B. to load new licensed internal code
- C. to achieve more efficient and faster problem resolution
- D. to enable capacity on demand

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

The Business Partner technical specialist is called to check if the addition of host ports on an IBM System

Storage DS8000 system has improved users' response times for an IBM System p server running SAP.

How can the improvement be verified?

- A. check the output of the vmstat command on AIX
- B. check the performance reports via TotalStorage Productivity Center for Data
- C. check the performance reports via TotalStorage Productivity Center for Disk
- D. check the improvement through the TotalStorage Expert report

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A customer has requested an IBM System Storage DS8300 system for a new Exchange 2003 email

solution to meet the following requirements: - 20% yearly growth - 25,000 mail boxes - approximately 50/50 mix of read/write operations The storage specialist has used Capacity Magic to calculate a base

configuration of 46.7 TB raw capacity, 64 GB cache, and 24 ports for the DS8300. The storage specialist

has been asked to model this configuration using the expected workload to verify that it is a viable solution.

What is needed to start modeling?

- A. 73 GB 15k rpm drives
- B. the amount of IOPS per mail box
- C. the number of servers running Exchange
- D. the Jetstress tool to emulate the Exchange environment

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

An IBM System Storage DS8300 is being installed at a global corporation's headquarter location. The

storage must be available worldwide. A great deal of coordination is required to schedule this

implementation across the corporation. Who is best positioned to fill the role of implementation resource coordinator?

- A. IBM Service Support Representative
- B. IBM Advanced Technical Support Representative
- C. IBM Field Technical Support Representative
- D. customer IT Manager

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

A customer has requested an IBM System Storage DS8300 solution to meet the following requirements:

- 20% yearly growth - 29,000 IOPS - approximately 50/50 mix of read/write operations - small (4 KB) data

transfers The storage specialist has created a Disk Magic model in which each port is capable of

approximately 2,900 to 3,100 IOPS. What is the minimum number of ports that should be configured on the DS8300 to handle the projected workload for the first year?

- A. 8

- B. 10
- C. 12
- D. 16

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A bank has requested proposals for a storage solution to upgrade their disaster recovery processes for their IBM System z, UNIX, and Microsoft Windows environment. The solution must simulate a multi-site environment and provide the customer the ability to evaluate Metro Mirror, Global Mirror, Global Mirror for z/OS, and FlashCopy. Floor space is limited. Which solution best meets the specified requirements?

- A. two IBM System Storage DS8100 systems
- B. one IBM System Storage DS8300 with LPAR
- C. two IBM System Storage DS6800 systems in a single rack
- D. one IBM System Storage DS6800

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A customer wants to consolidate storage from four IBM System p servers and one large IBM System i server. The customer does not have a SAN installed. The customer will require approximately 4 TB for System p and 3 TB for System i. The customer states that performance and isolation of the System i system is most important. Capacity, multi-path access, and replication functions are important for the System p servers.

Which solution best satisfies the customer requirements?

- A. IBM System Storage DS8100 with 300 GB drives for the System p, 73 GB/15k drives for System i, and advanced functions for System p capacity
- B. IBM System Storage DS8300 with LPAR, 73 GB/15k drives for System i, and 300 GB drives and advanced functions for System p capacity
- C. IBM System Storage DS6800 with direct attach, 73 GB/15k drives for System i performance, and 300 GB drives and advanced functions for System p
- D. IBM System Storage DS6800 with LPAR, 146 GB/15k drives for System i, 500 GB FATA drives for System p

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

A customer has an IBM System Storage DS8100 and wants to reach the highest possible throughput in the back-end for a storage-pool-striped volume out of an extent pool with 8 ranks. Over how many device adapter pairs should a technical specialist spread the workload?

- A. 2
- B. 4
- C. 6
- D. 8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

A customer wants to directly attach five servers to an IBM System Storage DS8100. They do not intend to use any SAN switches and would like the servers to have a redundant connection to the IBM DS8100. What is the minimum number of DS8000 host adapter cards that the customer will require?

- A. 2
- B. 4
- C. 6
- D. 8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

A customer with a small IT budget has one data center. Their main application is a database running on an IBM System Storage DS8000. The database has a data change rate of 50% per day. Once a week, they must do a point-in-time backup from the database to tape. The time it takes to run the backup now exceeds the backup window allowed. The customer requests a proposal to reduce database downtime caused by running backups, with nearly no impact to production volumes.

In addition to the tape backup, which DS8000 feature should a technical specialist propose?

- A. FlashCopy
- B. FlashCopy SE
- C. Metro Mirror

D. Global Mirror

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A customer has a storage requirement for a mixed IBM System p and System z environment. They require approximately 2 TB of high performance disk for their System z environment. They require approximately 25 TB of low-performance disk for their System p environment. The storage specialist is using Capacity Magic to configure an IBM System Storage DS8300. Which configuration is most appropriate for this customer?

- A. 4 x 73 GB 15k rpm disk drive sets for System z; and 4 x 500 GB 7.2k rpm disk drive sets for System p
- B. 4 x 146 GB 15k rpm disk drive sets for System z; and 2 x 500 GB 7.2k rpm disk drive sets for System p
- C. 2 x 300 GB 10k rpm disk drive sets for System z; and 4 x 300 GB 10k rpm disk drive sets for System p
- D. 2 x 73 GB 15k rpm disk drive sets for System z; and 2 x 500 GB 7.2k rpm disk drive sets for System p

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A customer RFP requires installation of an open system SAN and migration of 40 TBs currently residing on ten UNIX servers (on native server disk). The Service Level Agreement (SLA) requires no more than five minutes per week of planned downtime for backup. Which IBM System Storage solution should the sales specialist propose?

- A. an IBM System Storage DS8100 with TS1120 Tape Drive
- B. an IBM System Storage DS8100 with FlashCopy
- C. an IBM System Storage DS6800 with TS7510 Virtualization Engine
- D. an IBM System Storage DS6800 with FlashCopy

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

What is used to gather information on a Windows host that will be used for determining the optimum configuration of an IBM System Storage DS8100?

- A. Disk Magic
- B. PerfMon
- C. iostat
- D. TotalStorage Productivity Center for Data

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A company is consolidating four IBM System x servers. Each server has 500 GB of disk storage and each will grow to 2 TB within the next year. Additionally, the company will implement a SAN over the next year and must include connectivity and storage for its existing IBM System z and two IBM System p servers.

Which storage solution meets the company requirements?

- A. IBM System Storage DS3400
- B. IBM System Storage DS8100
- C. IBM System Storage N series N7800
- D. IBM System Storage DS4700

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

A customer has a mission-critical application with redundant fabrics. The customer plans to replace older EMC Symmetrix 8830 systems with an IBM System Storage DS8300 and an IBM SAN Volume Controller (SVC). Which statement best describes the impact of data migration on the production environment?

- A. The production environment does not require an outage.
- B. The production environment requires an outage to install the SVC.
- C. The production environment requires an outage to install the DS8300.
- D. The production environment requires an outage to remove the EMC systems.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

A financial customer has three data centers that are four kilometers apart. Their SAP application data needs to be kept synchronized within 10 milliseconds.

Which solution satisfies the customer recovery time objective?

- A. DS8300 systems at each center running Metro Mirror
- B. DS8300 systems at each site running Global Mirror
- C. DS4800 systems at each site running Global Mirror
- D. DS4800 systems at each site running Metro Mirror

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A customer has recently installed an IBM System Storage DS8100 in their production environment.

They have 5 TB of physical capacity assigned to an IBM System z host and 5 TB of physical capacity assigned to System p servers. The customer wants to make point-in-time copies for 2 TB of System z storage and 2 TB of System p storage.

What is the correct licensing option to recommend?

- A. 2 TB
- B. 4 TB
- C. 5 TB
- D. 10 TB

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A customer environment consists of IBM System Storage SAN Volume Controller systems and IBM

System Storage DS4000 systems. The customer needs 25 TB of additional storage using 73 GB 15k drives.

They have room for two machine frames. The storage specialist has proposed an IBM System Storage DS8100 with 28 drive sets.

Why would this solution be incorrect?

- A. the DS8000 does not support 73 GB drives
- B. the proposed solution requires a DS8300 system
- C. 28 drive sets are not enough physical capacity to get 25 TB usable capacity

D. 73 GB drives are only available at 10k speed

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

A pharmaceutical company has a requirement for 8.5 TB of usable storage for a new data center. The customer has multiple host applications running on Solaris, Windows 2003, HP-U/X, Linux, and IBM System i platforms.

Which IBM System Storage DS8000 volume configuration provides the best performance and highest availability for this customer?

- A. RAID 3
- B. RAID 5
- C. RAID 6
- D. RAID 10

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A customer has one mainframe and ten open system servers in their current environment. They plan to add the servers to an IBM System Storage DS8300 server with four array sites. How many extent pools should be created to provide the best resource utilization of the DS8300?

- A. 1
- B. 2
- C. 4
- D. 6

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which feature of the IBM System Storage DS8300 allows it to be used as two virtual storage systems?

- A. RDAC
- B. LPAR

- C. SDD
- D. SVC

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which IBM host-based device driver allows for path failover, while also providing dynamic load balancing on a Windows 2000-based server?

- A. PowerPath
- B. MPIO
- C. RDAC
- D. SDD

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Which is a benefit of storage virtualization using the IBM TotalStorage DS family?

- A. strict relationship between RAID ranks and LSSs
- B. fixed logical volume configuration
- C. flexible volume creation
- D. decreased logical volume size

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

A company has a 30 TB multi-vendor storage environment attached to System i and open systems.

They are concerned about the time and effort caused by frequent migrations to new storage hardware for open systems data. They are interested in consolidating their storage on a single storage product. Which product provides the best long-term solution for this company?

- A. IBM System Storage DS8000
- B. IBM System Storage DS4000
- C. IBM System Storage N series
- D. IBM System Storage SAN Volume Controller

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A customer wants to purchase an IBM System Storage DS8300 to support a high-performance database environment. They have low-capacity demand and do not want to invest too much capital.

Which technical solution gives the customer the best relationship between I/O performance at the machine's backend vs. capacity "installed in the machine"?

- A. Additional installation of the first and second expansion frame will increase the backend performance capability.
- B. The usage of 300 GB/15k FC Disks will give the server a high-performance backend capability.
- C. Performance Accelerator restricts the number of disks connected to one device adapter pair to 32 Disks.
- D. The second RIO-G loop between the base frame and the first expansion increases the backend performance.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

Which benefit does FATA storage in the IBM System Storage DS family provide to an enterprise?

- A. the lowest cost for high-capacity requirements
- B. servers with SCSI interfaces
- C. the highest IOPS performance
- D. use of Fibre Channel disks as a storage medium

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

An IBM System Storage DS8300 customer is planning on implementing a disaster recovery solution.

They will use TotalStorage Productivity Center for Replication. Which feature is needed on the DS8300 to implement TotalStorage Productivity Center for Replication?

- A. Feature Code 1000 Remote Power Control
- B. Feature Code 1801 RM Ethernet Adapter Pair
- C. Feature Code 1199 HMC Ethernet Cable Pair
- D. Feature Code 4013 64 GB Processor Memory

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A customer needs to consolidate their two data centers into one centralized facility. Currently one site supports their SQL/Exchange environment running on x86, and the other site supports their Oracle and other mission critical applications on IBM System p and IBM system i.

In the past 7 months the customer has experienced four outages among their (6) EMC CLARiiON subsystems (60 TB useable) causing one of the customer departments to miss their SLA. This has caused great concern internally with the department heads and they do not wish to consolidate storage though the new directive pushed down to IT is to consolidate, simplify management, and have 24x7 uptime while continuing to isolate the two environments and reduce overall cost.

What solution should be presented to the customer that best addresses all their needs?

- A. Consolidate to (2) IBM System Storage DS6800 systems
- B. Implement an 8-Node IBM SAN Volume Controller (SVC) to provide a single point of management
- C. Consolidate to an IBM System Storage DS8100
- D. Consolidate to an IBM System Storage DS8300

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A customer was recently acquired by another company. They have a critical web application that must be available 7x24. Their current SUN 9980 cannot scale for growth or new requirements. What is the best IBM disk solution that would isolate the acquired business' data from the original data for this customer?

- A. IBM System Storage DS8300
- B. IBM System Storage DS8100
- C. IBM System Storage DS4800
- D. IBM System Storage DS6800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

An IBM Business Partner suggests an IBM System Storage DS6800 system to a customer with a SAN that is now configured with an EMC Symmetrix subsystem disk. The customer wants to determine if new HBAs and software upgrades are needed on the servers if the EMC storage is replaced by the DS6800. What document must be carefully read to help address the customer's concerns?

- A. IBM System Storage DS6000: Host Systems Attachment Guide
- B. DS6000 Interoperability Matrix
- C. IBM System Storage DS6000: Introduction and Planning Guide
- D. IBM System Storage Solution Handbook

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

A UNIX customer has a Symmetrix DMX that has crashed three times in the past six months, causing data loss. The customer is shopping for an enterprise storage solution to provide point-in-time copy functionality without a fixed relationship to its primaries. Which IBM solution best meets this customer requirements?

- A. IBM System Storage DS8100 and VolumeCopy
- B. IBM System Storage DS8100 and FlashCopy
- C. IBM System Storage DS8100 and FlashCopy with the NoCopy option
- D. IBM System Storage DS8100 and FlashCopy with the Persistent option

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

A customer is purchasing an IBM System Storage DS8300. They have also ordered the IBM System Storage Productivity Center (SSPC) without optional features. Which resources must be provided at the customer site to accommodate this feature?

- A. none, the SSPC is installed in the DS8000 base frame
- B. none, the SSPC feature provides software that is installed on a machine provided by the customer
- C. a supported 19-inch rack, USB keyboard, USB mouse, and graphics display
- D. a USB keyboard, USB mouse, and graphics display

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

A current IBM System Storage DS8000 open systems customer needs a temporary copy of data that will be needed for only 12 hours. Which DS8000 function best satisfies this requirement?

- A. Multiple Relationship FlashCopy
- B. Incremental FlashCopy
- C. FlashCopy SE
- D. Data Set FlashCopy

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

A customer has an IBM System Storage DS8100 with 128 DDMs and needs to add additional capacity.

What must be verified by the Business Partner during the visit to the computer room?

- A. the space for the upgrade to a DS8300
- B. the space on the left of the DS8000 for an expansion frame
- C. the space on the right of the DS8000 for an expansion frame
- D. the space to install additional DDMs in the base frame

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

A customer asks for the thermal load (BTU/hr) to determine whether their existing cooling system will support the IBM System Storage DS8000. Where can the sales representative find this information?

- A. IBM System Storage DS8000: Introduction and Planning Guide
- B. IBM DS8000 Interoperability Matrix on the support page on the web
- C. IBM System Storage DS8000: User's Guide
- D. IBM System Storage DS8000: Solution Assurance Guide

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

A storage specialist has just created a new host connection using DSCLI. Some parameters are wrong.

What can NOT be changed using the chhostconnect command?

- A. port group
- B. volume group
- C. ioports
- D. WWPN
- E. hosttype

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

A customer has connected a Linux-based IBM System x server to an IBM System Storage DS8100. The customer has also created five 50 GB fixed-block volumes and has assigned them to a volume group that has already been created for this host. On the Linux box, only four volumes instead of five are being detected.

What is the most common reason for this behavior?

- A. The volume group is of the type "scsimask." This is not valid for Linux on x86.
- B. The hostconnection uses the "report LUN" feature to detect newly attached volumes. This does not work on Linux.
- C. During the assignment of the volumes to the volume group, the "-lun" parameter was missing. A Linux kernel does not recognize volumes with LUN-ID 0.
- D. The Linux operating system is unable to handle more than four SAN volumes from one volume group.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

A Business Partner is proposing the installation an IBM System Storage DS6800 storage server at a customer location. What is the best time to discuss floor-space requirements for the solution?

- A. during the Solution Assurance Review
- B. during installation of the equipment
- C. prior to delivery of the DS6800
- D. during the solution proposal

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 45**

A storage specialist needs to automate some tasks triggered in the event of disaster recovery.

What is the best solution to accomplish this?

- A. Using the DS GUI, step through Real Time Manager, Copy Services, Create custom scripts. Actions and event conditions can be defined that trigger the script. There is no need for a password.
- B. Create a shell script using dscli commands. Trigger the script from the operating system, and call the script using the -pwd option with the password.
- C. Create a password file. Create a shell script using dscli commands. Trigger the script from the operating system.
- D. Create a password file. Create a shell script using dscli commands. Trigger the script from the operating system. Call the dscli script with the dscli -script <your script> -pwdfile command.

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 46**

A customer is planning on consolidating the capacity of their multiple storage arrays into one IBM

System Storage DS8300. The DS8300 will be an LPAR model so the customer can test new application

releases against copies of production data in the Test Storage Facility Image without impacting production

in the Production Storage Facility Image. Which software on the DS8300 supports this test environment?

- A. Point-In-Time Copy (PTC)
- B. Remote Mirror and Copy (RMC)
- C. Remote Mirror for z/OS (RMZ)
- D. Parallel Access Volumes (PAV)

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 47**

A customer has occasional electrical power outages of up to 10 seconds. During an IBM System

Storage DS8000 Solution Assurance Review, a solution must be defined to keep the DS8000 online during

the power outage. Which is the best and least expensive solution?

- A. install UPS systems in front of the DS8000 machine
- B. install battery ASM units per default in the DS8000 machine
- C. add an Extended Power Line Disturbance Module

D. discuss the issue with the Installation Planning Representative

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

How does the storage specialist access the Storage Manager Console for a new IBM System Storage



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DS6000?

- A. log in to the HMC with the "admin" user (password admin) and open a browser
- B. install the Storage Manager software on a PC, connect to the DS6000 ethernet port with a cross cable, and open <http://192.168.128.101:8452/DS6000>
- C. install the Storage Manager software on a PC, connect to the DS6000 ethernet port, and open the url <https://localhost:8452/DS6000>
- D. launch the Web System Manager, access the HMC of the DS6000, and right-click the desktop to open the Storage Manager console

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

A customer wants to use DS CLI with a timeout of 5 minutes and to skip the "-dev" in the commands.

Given the exhibit, which options should be included in the dscli.profile?

```
dscli> Issi Date/Time: June 22, 2007 12:29:25 PM CEST IBM DSCLI Version: 5.1.0.297
```

```
Name ID Storage Unit Model WWNN State ESSNet
```

```
=====
```

```
- IBM.2107-AZ12341 IBM.2107-AZ12340 932 5005076306FDC3CA Online Enabled dscli>
```

- A. devid: IBM.2107-AZ12340 timeout: 5
- B. devid: IBM.2107-AZ12340 timeout: 300
- C. devid: IBM.2107-AZ12341 timeout: 5
- D. devid: IBM.2107-AZ12341 timeout: 300

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 50**

What must be specified to create an extent pool?

- A. blocksize, rank group, and name
- B. storage type, rank group, and name
- C. storage type, capacity, and rank group
- D. capacity, name, and storage type

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 51**

A customer has bought an IBM System Storage DS8300 and wants to attach his SuSE Linux Enterprise Server 10 hosts to the DS8300 with multiple paths. What is the Multipathing Driver the customer needs?

- A. Subsystem Device Driver
- B. Subsystem Device Driver Device Specific Module
- C. Subsystem Device Driver Path Control Module
- D. Device Mapper Multipath

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 52**

A customer was recently acquired by another company. They have a critical web application that must be available 24x7. Their current SUN 9980 cannot scale for growth or new requirements. What is the best IBM disk solution to isolate the acquired company's data from the original data for this customer?

- A. IBM System Storage DS8300
- B. IBM System Storage DS8100
- C. IBM System Storage DS4800
- D. IBM System Storage DS6800

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:**

QUESTION 53

Which two components are created during configuration of space-efficient storage in an extent pool?

- A. volume and virtual space
- B. background copy and target copy
- C. virtual space and repository space
- D. source volume and target volume

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

A storage administrator wants to configure the DS8000 CIM Agent for TotalStorage Productivity Center for Disk that is pre-installed on the HMC. What is the required tool to configure the CIM Agent?

- A. the DS command line interface
- B. the WebSM interface on the HMC
- C. the DS8000 Storage Manager
- D. the DS CIM command line interface (DSCIMCLI)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

A Business Partner has proposed an IBM System Storage DS8100 that will have several AIX, Windows, and Sun Solaris servers attached via SAN. The customer has asked for detailed documentation on the steps needed to install the latest adapter drivers. What is the best document the Business Partner can suggest to accomplish this requirement?

- A. The IBM System Storage DS8000 Interoperability Matrix
- B. The IBM System Storage DS8000 Introduction and Planning Guide
- C. The IBM System Storage DS8000 Host System Attachment Guide
- D. The IBM System Storage DS8000 User's Guide

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

What are the minimum and maximum number of extent pools on an IBM System Storage DS8000 with

64 physical disks compared to the IBM System Storage DS6000 with the same number of disks?

- A. On the DS8000, the minimum is 1 and the maximum is 8; on the DS6000, the minimum is 1 and the maximum is 8.
- B. On the DS8000, the minimum is 1 and the maximum is 8; on the DS6000, the minimum is 1 and the maximum is 16.
- C. On the DS8000, the minimum is 2 and the maximum is 8; on the DS6000, the minimum is 2 and the maximum is 8.
- D. On the DS8000, the minimum is 2 and the maximum is 16; on the DS6000, the minimum is 2 and the maximum is 8.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

During the Solution Assurance Review, it is determined that Global Mirror will be implemented. The IBM team wants to ensure that they have enough DS8300 fibre links to handle the mirroring workload. Which tool should be used to determine the number of fibre links needed?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

A client needs some volumes out of an IBM System Storage DS8000. Which of the following information pairs are mandatory to create a volume?

- A. extent pool id and volume id
- B. extent pool id and volume name
- C. volume id and extent allocation method
- D. volume name and extent allocation method

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

A company with three sites (one local production site, one intermediate site, and one remote site) wants

to use Metro/Global Mirror. Which statement is correct about the volumes at the intermediate site?

- A. The intermediate site volumes are Metro Mirror target volumes for the remote site.
- B. The intermediate site volumes are Global Mirror target volumes for the remote site.
- C. The intermediate site volumes are both Global Mirror source and Metro Mirror target at the same time.
- D. The intermediate site volumes are also FlashCopy sources for the remote site.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

The storage administrator wants to add a new feature activation code for Metro Mirror to an IBM System

Storage DS8000. Which command should the administrator use in the command line interface?

- A. lskey
- B. applykey
- C. applydbcheck
- D. managepwfile

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

A current IBM System Storage DS8000 open systems customer needs a temporary copy of data that

will be needed for only 12 hours. Which DS8000 function best satisfies this requirement?

- A. Multiple Relationship FlashCopy
- B. Incremental FlashCopy
- C. FlashCopy SE
- D. Data Set FlashCopy

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

While planning the installation of an IBM System Storage DS8100, the storage specialist is informed by

the data center manager that three-phase power will be provided. Which statement is true regarding power

for a DS8100?

- A. It supports only three-phase AC power input.
- B. It supports only single-phase AC power input.
- C. It supports both single-phase AC and three-phase AC power input.
- D. It supports both single-phase AC and DC power input.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

A customer was recently acquired by another company. They have a critical web application that must be available 7x24. Their current SUN 9980 cannot scale for growth or new requirements. What is the best IBM disk solution that would isolate the acquired business' data from the original data for this customer?

- A. IBM System Storage DS8300
- B. IBM System Storage DS8100
- C. IBM System Storage DS4800
- D. IBM System Storage DS6800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

A customer wants to purchase an IBM System Storage DS8100. The proposed location is in a data center on the third floor of an office building. Which document should the storage specialist consult to ensure that the DS8100 can be installed in the proposed location?

- A. IBM Announcement Letters
- B. IBM DS8000 Installation Guide
- C. IBM DS8000 Introduction and Planning Guide
- D. IBM Systems Storage Solutions Handbook

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

A customer is currently using an IBM System Storage DS8300 with 60 TB of managed capacity in their IBM System x, System p, and System i environment. Due to an internal requirement, the customer must now replicate 10 TB of System i data to their remote site.

What is the most cost-effective solution to meet this requirement?

- A. DS8300 in the remote site using Remote Mirror Copy (RMC)
- B. DS6800 in the remote site using Remote Mirror Copy (RMC)
- C. DS4800 in the remote site using Enhanced Remote Mirror (ERM)
- D. SAN Volume Controller (SVC) in the remote site using Global Mirror

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

A health-care customer has an IBM System i server and an HP-UX server. They have high performance I/O, image-based, and archival applications. The customer has asked the IBM team for guidance on IBM System Storage DS8000 disk technologies. Which DS8000 disk technology would provide the best performance without regard to cost to meet the customer requirement?

- A. 73 GB 15k and 300 GB 15k drives
- B. 73 GB 15k and 500 GB 7.2k drives
- C. 146 GB 15k and 300 GB 15k drives
- D. 146 GB 15k and 500 GB 7.2k drives

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

A customer's new IBM System Storage DS8300 needs to go beyond five steps to place it in the computer room. In order to simplify the physical delivery, the pre-sale specialist asks for _____.

- A. a quotation for extra delivery services
- B. the addition to the configuration of the feature "Shipping weight reduction" at no charge
- C. an order of the DS8300 with the minimum number of drive sets allowed and an MES order for the remaining drive sets needed
- D. an RPQ order to receive frames and drive sets separately

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

The Business Partner technical specialist is planning the space requirements for a new IBM System

Storage DS8100. The service clearance requirements refer to the area required to _____.

- A. open the service covers and pull components for maintenance
- B. distribute the weight of the storage unit
- C. place the storage unit
- D. allow the right airflow

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

A UNIX customer has a Symmetrix DMX that has crashed three times in the past six months, causing data loss. The customer is shopping for an enterprise storage solution to provide point-in-time copy functionality without a fixed relationship to its primaries.

Which IBM solution best meets this customer requirements?

- A. IBM System Storage DS8100 and VolumeCopy
- B. IBM System Storage DS8100 and FlashCopy
- C. IBM System Storage DS8100 and FlashCopy with the NoCopy option
- D. IBM System Storage DS8100 and FlashCopy with the Persistent option

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

A user in the op_storage group logs onto the DS GUI and goes to the User Administration panel. Which users can be seen and what actions can be performed?

- A. The user can see all other users, including those in the Admin group, but can modify only the user accounts in the Op_volume and Monitor group.
- B. The user can see all the users except those in the Admin group, but can only modify the user's own account.
- C. The user can see only the user's own account, and cannot modify it.
- D. The user can see only the user's own account, and can change the password only.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

A storage specialist wants to create a fixed-block volume in the extent pool P10, in rank group 0. Which

of these volumes cannot be created?

- A. 2001
- B. 2B00
- C. 3A01
- D. 5E00

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

A customer has an IBM Enterprise Storage Server Model 800 with 10 eight-packs formatted as Fixed Block volumes. There is not enough unused space on the RAID ranks to act as FlashCopy targets for the existing LUNs. What should the storage specialist propose to enable the customer to shorten the backup window?

- A. add FlashCopy Version 1 and use the Full Copy option
- B. add FlashCopy Version 2 and additional capacity
- C. add FlashCopy Version 1 and use the NOCOPY option
- D. add FlashCopy Version 2 and use incremental FlashCopy

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

How should a storage specialist access the Storage Manager console for a new IBM System Storage DS8100?

- A. log in to the HMC with user "admin" and open a browser; the Storage Manager console will start
- B. open a web browser and enter `http://<hmc_ip_address>:8451/DS8000`
- C. install the Storage Manager software on a PC, then open a browser and enter `url://localhost:8451/DS8000`
- D. launch Web System Manager, access the HMC of the DS8100, right-click and choose Start Storage Manager console

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

What must be specified to create an extent pool?

- A. blocksize, rank group, and name
- B. storage type, rank group, and name
- C. storage type, capacity, and rank group
- D. capacity, name, and storage type

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

An IBM Business Partner sells an IBM System Storage DS6800 to a customer. Who is responsible for the installation and set up of the storage server?

- A. purchasing customer
- B. IBM Installation Readiness Team
- C. IBM Customer Engineer
- D. IBM Business Partner

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

Which information is required to get the feature activation codes?

- A. machine serial number, model, and machine signature
- B. model, disk size, and machine serial number
- C. model, Storage Manager version, and machine signature
- D. model, WWNN, and machine serial number

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

A customer is planning on consolidating the capacity on their multiple IBM System Storage DS4300 storage arrays into an IBM System Storage DS8300. The host systems are AIX, and the customer will use LVM mirroring to migrate the data. During, and for 60 days after the migration, connectivity to both storage arrays must be maintained.

What must be done to provide a highly available connection topology?

- A. Install SDD in the AIX systems in support of the DS8300. Configure SDD and RDAC to share the existing fibre channel adapters based on FCP load balancing and available path to either the DS4300 or DS8300.
- B. Install additional fibre channel adapters in the AIX systems in support of additional bandwidth requirements. Configure RDAC to manage all fibre channel adapters based on load balancing and available path to either the DS4300 or DS8300.
- C. Install SDD and additional fibre channel adapters in the AIX systems for support of the additional input/output requirements. Configure SDD to manage these new adapters for the DS8300 and configure RDAC to manage the existing fibre channel adapters for the DS4300.
- D. Install SDD and additional fibre channel adapters in the AIX systems for support of additional FCP requirements. Configure SDD and RDAC to manage all fibre channel adapters, based on availability to either the DS4300 or DS8300.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

A client has bought an IBM System Storage DS8000 and need to attach a SUN Solaris Host with 2 HBAs via one fabric to 4 IOPorts on the DS8000. The client needs redundant paths to the volumes on the

DS8000.

What is the maximum number of volumes that can be used on the Solaris host?

- A. 256
- B. 512
- C. 1024
- D. 2048

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

During a review of environmental requirements before ordering an IBM System z9 server and IBM

System Storage DS8300, the customer states that the available power is 220 volts AC. Which feature

should be included with the DS8300 order?

- A. Low Voltage
- B. High Voltage
- C. Remote System z Power Control
- D. Battery Assembly

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

IBM Global Mirror is based on which of the following very effective copy services functions?

- A. Metro Mirror and FlashCopy
- B. Global Copy and FlashCopy
- C. Metro Mirror and Global Copy
- D. OEL and Global Copy

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

During a Solution Assurance Review for an IBM System Storage DS8300, the company insists that a future capacity extension must be non-disruptive. The initial setup for 2008 includes a base frame with 8 drive sets installed.

Which action should be considered in terms of capacity planning for the next year?

- A. install more drive sets during MES
- B. install expansion frames, per MES, including additional drive sets
- C. install the first expansion frame without drives during the initial setup
- D. additions of all expansion frames on a running DS8000 system are usually disruptive

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

During an IBM System Storage DS6800 Solution Assurance Review, it is determined that the customer can provide only 110V AC power. Which action needs to be considered during planning to ensure that the DS6800 gets sufficient voltage?

- A. during installation, adjust the input voltage selection switch at the back of the controller and on all expansions
- B. no action is needed; the power supplies are auto-sensing and auto-ranging
- C. the DS6800 does not support 110V voltage
- D. install a transformer in front of the DS6800 machine

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

A customer has connected a Linux-based IBM System x server to an IBM System Storage DS8100. The customer has also created five 50 GB fixed-block volumes and has assigned them to a volume group that has already been created for this host. On the Linux box, only four volumes instead of five are being detected.

What is the most common reason for this behavior?

- A. The volume group is of the type "scsimask." This is not valid for Linux on x86.
- B. The hostconnection uses the "report LUN" feature to detect newly attached volumes. This does not work on Linux.
- C. During the assignment of the volumes to the volume group, the "-lun" parameter was missing. A Linux kernel does not recognize volumes with LUN-ID 0.
- D. The Linux operating system is unable to handle more than four SAN volumes from one volume group.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 84

A storage specialist has just created a new host connection using DSCLI. Some parameters are wrong.

What can NOT be changed using the chhostconnect command?

- A. port group
- B. volume group
- C. ioports
- D. WWPN
- E. hosttype

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

What is the correct order to create an object in a new IBM System Storage DS8000 to get a LUN provided to a host?

- A. Rank, Array, Extent Pool, Volumes, Volume Group, Host Connections
- B. Rank, Array, Extent Pool, Volume Group, Volumes, Host Connections
- C. Array, Rank, Extent Pool, Volume Group, Volumes, Host Connections
- D. Array, Extent Pool, Volumes, Rank, Volume Group, Host Connections

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

A new Disaster Recovery site has been established using Metro Mirror to hold synchronous data at both sites. After the Metro Mirror is started, one of the most important applications, a DB2 database, slows down.

An analysis shows that the I/O rate (especially write I/Os) is less than 40% compared to the former rates. What is the best explanation for this behavior?

- A. The bandwidth of the PPRC connection between the two sites is too small.
- B. The DS8000 SFI at the remote site was shipped with slower disks.
- C. I/O rates vary, depending on the distance between the two sites and the rates cannot be changed easily, due to latency.
- D. The DB2 database does not work with Metro Mirror without an additional license.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

The customer forgot the admin password for the Storage Manager and had access denied to the storage. No additional admin accounts have been created. What should be done to access the storage again?

- A. access the storage through the serial port and change the password for the admin account
- B. log a call to IBM support
- C. log in to the HMC and open a browser; no password is required
- D. download a script from the IBM website and reset the password with the superuser account

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

Which statement regarding LSSs on an IBM System Storage DS8300 is NOT correct?

- A. On a system with ESCON adapters, LSS 00-0F should not be used for FB-volumes.
- B. Volumes on different ranks are required to have a different LSS.
- C. To form a consistency group, it is required to have all affected volumes assigned to the same LSS.
- D. It is not possible to mix LCUs and LSSs in a single address group.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

A customer needs 20 TB of System z secondary storage for Tier 2 Information Lifecycle Management

(ILM). Their current data center is critically short of floorspace. What is the best solution for this customer?

- A. an IBM System Storage DS6800 with Fibre drives
- B. an IBM System Storage DS8100 with FATA drives
- C. an IBM System Storage DS4800 with SATA drives
- D. an IBM System Storage DS6800 with FATA drives

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

A customer has two data centers, 500 kilometers apart. The customer requests a proposal for new

storage subsystems and a disaster recovery solution that provides consistent data in the event of a disaster at the local site.

Which IBM System Storage DS8000 solution should the technical specialist propose to the client?

- A. Metro/Global Mirror
- B. Metro Mirror
- C. Global Copy
- D. Global Mirror

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 91

To optimize performance on an IBM System Storage DS8000, the input/output activity should be spread across _____.

- A. multiple LUNs in a single array
- B. multiple switches
- C. multiple host bus adapters
- D. multiple internal servers

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

Given the following exhibit, a storage specialist is using Disk Magic to model a proposed storage solution for a customer database application.

Which rank indicates log file trends?

- A. 0x7 and 0x10
- B. 0x4 and 0xe
- C. 0x14 and 0x15
- D. 0xc and 0xd

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

A health-care provider has two applications that they need to redundantly protect in a SAN environment.

Their patient record application runs on Oracle 11i and consists of many small, randomly accessed files and is kept on three clustered Sun servers and currently uses 15 TB of data space. Their imaging application that retains and manages X-Rays, consists of Filenet, CommonStore, and TSM running on a p570 server and is currently using 45 TB of data space.

Which disk solution meets the customer requirement?

- A. IBM System Storage DS8100
- B. IBM System Storage DS3400
- C. IBM System Storage DS4200
- D. IBM System Storage DS6800

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

A customer has an existing IBM System Storage DS8100 with 12 drive sets of 73 GB disks and 16 fibre adapters. How many additional fibre adapters and drive sets can be installed in the expansion frame?

- A. 0 adapters and 12 drive sets
- B. 4 adapters and 8 drive sets
- C. 8 adapters and 4 drive sets

D. 12 adapters and 0 drive sets

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

A customer wants to consolidate a single large IBM System p server with 5 TB of data and a database test environment with 10 TB on a single storage system. The customer states that isolation and replication functions of the System p system are most important. Performance is most important for the test environment. Which solution best satisfies the customer requirements?

- A. IBM System Storage DS8100 with LPAR, 300 GB drives, advanced functions, and 73 GB/15k drives for the test environment
- B. IBM System Storage DS8300 with LPAR, 73 GB/15k drives for the test environment, 300 GB drives, and advanced functions
- C. IBM System Storage DS6800 with 73 GB/15k drives for the test environment, 300 GB drives, and advanced functions
- D. IBM System Storage DS8100 with 146 GB/15k drives for the test environment, 500 GB FATA drives, and advanced functions

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

A customer needs to move applications to a tier 1 storage device. They have 23 System p servers, one System i server, four SUN servers, and 15 Windows servers. How many Fibre Channel connections are necessary to build a redundant configuration on a proposed IBM System Storage DS8300?

- A. 72
- B. 76
- C. 82
- D. 86

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

A customer has 6.5 TB with 73 GB 15k disk drives on an IBM System Storage DS8100. They want to add 15 TB using 146 GB 15k disk drives. The customer is concerned about performance and wants to

know if the DS8100 has the performance capability. What is the appropriate way to model the performance?

- A. Disk Magic
- B. Capacity Magic
- C. test the workload at an IBM Benchmark Center
- D. test the solution with IBM Storage Performance Center

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

A customer has expressed an interest in an IBM System Storage SAN Volume Controller. They want to consolidate an IBM System Storage DS4700 Express and an IBM System Storage DS8100 with FlashCopy installed. They want to use FlashCopy to copy all the DS8100 data to the DS4700. Which license(s) should be ordered for this situation?

- A. SVC FlashCopy license and additional FlashCopy licenses for the source DS8100 disks
- B. SVC FlashCopy license and FlashCopy licenses for the target DS4700 disks
- C. SVC FlashCopy license for the disks they need to copy
- D. SVC FlashCopy license for the total amount of disk managed

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

A customer has multiple applications on multiple open platforms in their current environment, based on IBM Enterprise Storage Server (ESS) ESS800. They plan to set up a business continuity solution that meets the objective of zero or little data loss. What IBM System Storage solution would best meet this objective?

- A. a DS8100 in the Business Continuity site with a Metro Mirror license
- B. a DS4800 in the Business Continuity site with SAN Volume Controller
- C. a DS8100 in the Business Continuity site with Global Copy
- D. two new DS4800 servers (production and Business Continuity site) with a Metro Mirror license

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 100

A manufacturing company must replicate 10 TB of raw data from one site to another. What is the appropriate quantity of licenses necessary if the customer wants to make point-in-time copies of the data at both sites?

- A. one 10-TB license of FlashCopy
- B. one 10-TB license of FlashCopy at each site
- C. one 10-TB license of VolumeCopy
- D. one 10-TB license of VolumeCopy at each site

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

A customer has an IBM System Storage Enterprise Storage Server and several IBM System Storage DS4300 systems installed in a data center, attached to IBM System p servers. As a step toward data consolidation, they intend to put all data on a new DS8100. What would be the most important data migration factors to consider?

- A. sector size and the amount of used data
- B. existing RAID levels and the disk speed
- C. sector size and existing RAID levels
- D. amount of used data and the disk speed

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

A customer has an IBM System Storage DS6800 at their primary site and a DS4800 at their recovery site, which is 9.5 kilometers away. They want to replicate data for disaster recovery backup. Which factor is a primary consideration when proposing a solution for this customer?

- A. compatibility of copy functions
- B. difference in capacities in the two systems
- C. cache size discrepancies between the two systems
- D. the necessity of using two storage management products

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

A customer has the following mixed IBM System i, IBM System p, Sun, and Windows server environment:

- three Exchange servers, each with 1.8 TB database
- five System i Domino servers, each with 1 TB database
- 10 TB Sun/SAP cluster
- 20 TB of System p requirement
- annual growth rate of 12 TB per year

What is the most cost-effective solution for three years?

- A. IBM System Storage DS4700 with 300 GB drives
- B. IBM System Storage DS6800 with 300 GB drives
- C. IBM System Storage DS8100 with 300 GB drives
- D. IBM System Storage DS4200 with 750 GB drives

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 104

A customer wants to deploy an IBM System Storage DS8000 to provide enterprise class storage. They plan to configure the DS8000 with 20 disk drive sets, 128 GB of cache, and 16 host adapters. The data center can support only single-phase power. Which statement is true regarding the customer's choice of DS8000 model?

- A. DS8300 is the only model that supports 20 disk drive sets.
- B. DS8300 is the only model that supports 128 GB of cache.
- C. DS8300 is the only model that supports 16 host adapters.
- D. DS8100 is the only model that supports single-phase power.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

A customer has installed an IBM System Storage DS8100 with 20 TB of storage, 32 GB cache, and 16 Fibre Channel ports. The customer is beginning to experience throughput performance issues. To address this performance consideration with minimal cost to the customer, what should be the FIRST step to resolve the problem?

- A. add an expansion frame with additional Fibre Channel ports
- B. convert the installed DS8100 to DS8300 with an additional expansion frame and additional FC ports
- C. conduct a Disk Magic study to identify the source of the performance issue
- D. add additional Fibre Channel ports to the existing DS8100

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

During the installation planning of a customer recently purchased IBM System Storage DS8100, port configuration, cabling, and disk layout were discussed.

Which topic should also be discussed in the solution review?

- A. LPAR capacity planning
- B. logical volume configuration
- C. fabric zoning for host-to-storage access
- D. audit hosts for HBA worldwide port names

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 107

A customer wants to collect performance data from a newly installed IBM System Storage DS8300 to determine if the system meets expected benchmarks using their application test data. Which tool best gathers the performance data?

- A. IBM DS Storage Manager
- B. IBM Tivoli Storage Resource Manager
- C. IBM TotalStorage Productivity Center for Disk
- D. IBM TotalStorage Productivity Center for Data

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

A customer recently installed new SAN with an IBM System Storage DS8300 and several open systems servers to address a need for storage consolidation and still provide good response time. They have asked the Business Partner technical representative for the most complete IBM product that would allow them to do performance reporting of the new SAN environment. What is the best solution?

- A. Tivoli Storage Manager
- B. Total Productivity Productivity Center for Disk
- C. Total Productivity Center Basic Edition
- D. Total Storage Productivity Center Standard Edition

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

A customer has purchased three IBM System Storage DS8300 systems and would like to have their SAN and storage administrator trained. The customer is worried about having much of their staff out of the office at the same time attending courses. Which training alternative provides the necessary training with the least impact?

- A. purchase the training CD for the disk subsystem and have the staff do self-paced training
- B. have the IBM Service Support Representative perform the training
- C. contact IBM Education Services for an onsite training class
- D. send one person at a time to an IBM training session

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 110

A customer using an IBM System Storage DS8300 is facing performance problems. After the analysis by the technical specialist, the diagnosis indicates that the cache hits may be improved by a cache upgrade. How can the system be monitored in order to check the benefits of the cache upgrade?

- A. using the "vmstat" command on the AIX servers connected via SAN to the DS8300 system
- B. looking at the number of I/O managed by the DS8300 system
- C. reading the performance reports via TotalStorage Productivity Center for Disk
- D. generating reports using the TotalStorage Expert

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 111**

A customer SAN environment has undergone significant growth over the past two years. They have also suffered a high turnover rate with administrative personnel. The customer has asked a storage specialist for help in documenting and understanding their changing SAN environment. The ability to make configuration changes to devices would be a plus.

Which tool should the storage specialist suggest?

- A. Visio
- B. TPC Basic Edition
- C. IBM Tivoli NetView
- D. Fabric Manager

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 112**

A customer with a single IBM System Storage DS8100 reports severe performance problems for some of their applications when a particular data warehousing application creates a heavy load. What is the most cost effective way to resolve this issue?

- A. add additional disks to the DS8100
- B. add more cache to the DS8100
- C. move affected volumes to a different disk enclosure
- D. upgrade the DS8100 to DS8300
- E. implement TPC for Disk to monitor performance

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 113**

The Business Partner technical specialist is called to check if the addition of host ports on an IBM System Storage DS8000 system has improved users' response times for an IBM System p server running SAP. How can the improvement be verified?

- A. check the output of the vmstat command on AIX
- B. check the performance reports via TotalStorage Productivity Center for Data

- C. check the performance reports via TotalStorage Productivity Center for Disk
- D. check the improvement through the TotalStorage Expert report

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

A company has acquired another company and is consolidating data centers. During the consolidation,

half of the users of a business-critical application lost access. The users who maintained access experienced slow performance. What is the first action the SAN/storage administrator should take to

determine the source of the problem?

- A. review SAN configuration, connectivity, and zoning
- B. review application parameters for contention or tuning problems
- C. use internal disk monitoring tools to determine the problem source
- D. check the disk parameters in the OS setup on the systems

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 115

What is a benefit of LPAR technology exploitation in the IBM System Storage DS8300?

- A. Fewer expansion units are needed.
- B. Multiple workloads can be managed separately.
- C. Resource isolation is eliminated.
- D. Linux can run in LPAR mode.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

A customer has a Symmetrix DMX3 installed. The disk subsystem is coming off lease. The customer is considering an IBM System Storage DS8300. What is a key advantage of the DS8300?

- A. The DS8300 has a higher disk RPM than the Symmetrix DMX3.
- B. The DS8300 supports more hosts than the Symmetrix DMX3.
- C. The DS8300 supports FlashCopy for internal array replication.
- D. The DS8300 supports storage partitioning.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 117

A customer environment has System i, Dell PowerEdge, and Sun servers. Which IBM storage system is the most cost-effective, shared storage solution for 10 TB?

- A. IBM System Storage DS8100
- B. IBM System Storage DS6800
- C. IBM System Storage DS4800
- D. IBM System Storage N7000

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

A customer has a complex SAP application running on an IBM System Storage DS8300. The database administrator needs to shrink backup windows with a resilient solution, without wasting disk space for copies that will be available for fewer than 24 hours. Which option best meets this customer's needs?

- A. Incremental FlashCopy
- B. IBM Tivoli Storage Manager for Hardware
- C. FlashCopy SE
- D. IBM Tivoli Storage Manager for SAP

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

Which is a benefit of using the IBM System Storage DS8000 FlashCopy SE (PTC-SE)?

- A. FlashCopy SE (PTC-SE) is much faster than the traditional DS8000 full-volume FlashCopy.
- B. FlashCopy SE (PTC-SE) also supports background copy.
- C. FlashCopy SE (PTC-SE) is optimized for use cases where a high percentage of the source volume is updated during the life of the relationship.
- D. The additional capacity required for FlashCopy SE (PTC-SE) must only be planned for data, which is changed on the source volume during host I/O transaction.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

A customer has a wide range of IBM storage solution servers and wants to consolidate copy services functions.

Which tool should the storage specialist recommend to this customer?

- A. DS Hardware Management Console, because it manages ESS 800, DS6000, DS8000, and SVC storage servers
- B. TotalStorage Productivity Center for Data, because it manages ESS 800, DS6000, DS8000, and SVC storage servers
- C. TotalStorage Productivity Center for Replication, because it manages ESS 800, DS6000, DS8000, and SVC storage servers
- D. External DS Hardware Management Console, because it manages ESS 800, DS6000, DS8000, and SVC storage servers

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



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