SelfTestEngine.C4040-226_74,Q&A

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SelfTestEngine

C4040-226

Power Systems with POWER7 and IBM

This is the best VCE I ever made. Try guys and if any suggestion please update this.

Best to read my cover notes in this vce at the start of the exam.

Good explanation provided and the references added most of the questions.

Any questions/info you can recall are on the VCEs. So the preparation of exam is very easy.

The material is well organized and well presented in this VCE.

Exam A

QUESTION 1
A customer uses BRMS to TS3310 tape libraries for their IBM i partition backups. They would like to eliminate the handling of physical tape media while still having the option to keep copies of the backup data off-site.

Customer administrative staff has limited programming resources and requires a solution which utilizes as much of their overall existing backup software configurations as possible.

All systems normally run with 70-80% of their available DASD consumed.

Which of the following solutions will support the customer requirement?

A. Install an appropriately-sized IBM TS7620 ProtecTIER Deduplication Appliance in the primary and a backup site. Use replication between the two TS7620 devices to automatically transmit tape images to the off-site location once created.
B. Use IBM i virtual tape image catalogs to duplicate their physical media. Transmit the image catalogs off-site.
C. Install an appropriately-sized IBM TS7620 ProtecTIER Deduplication Appliance in a backup site. Use replication between the TS3310 and the T37620 devices to automatically transmit tape images to the off-site location once created.
D. Configure a VIO Server partition. Use IBM i virtual optical image catalogs to duplicate their physical media to a mirrored pair on the VIO Server. Transmit the image catalogs off-site.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
In releases of IBM i prior to 7.1, updating the licensed internal code to support new functions required performing an upgrade using installation media.

In what way are updates packaged and installed in IBM i 7.1?

A. Microcode Reload
B. Technology Refresh
C. System Firmware Updates
D. Advanced System Management Interface

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
Which of the following describes Single Level Storage?

A. Disk space and system memory is viewed as cache.
B. Disk cache and system memory is viewed as one large storage area.
C. Disk space and system memory is viewed as one large storage area.
D. Disk space and SAS adapter cache is viewed as one large storage area.

Correct Answer: C

QUESTION 4
A customer would like a consolidated method to control system consoles, virtual storage, and partition resource settings for a POWER7+ system with 7 IBM i partitions and two VIO Server partitions.
Which option supports this requirement?

A. Virtual Partition Manager
B. System Director Manager
C. Hardware Management Console
D. Integrated Virtualization Manager

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
answer is corrected.

QUESTION 5
A customer needs to permanent, archive multiple terabytes of data on a daily basis. The data cannot be overwritten and needs more than a software-based enforcement method. Which product supports this need most economically?

A. DVD-ROM
B. Secure USB
C. Optical platters
D. LTO WORM media

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Which of the following was added in IBM i 7.1 to reduce disk protection recovery time?

A. Remote hot spare
B. RAID-5 with hot spare
C. RAID-6 with hot spare
D. Hot-spare for mirror-protected disk

Correct Answer: B

QUESTION 7
Which of the following capabilities make adding additional disk to IBM i easy?

A. Mirroring and hot-spare
B. Mixed RAID disks and remote ASPs
C. Concurrent maintenance and RAID-6
D. Load balancing and single level storage

Correct Answer: B

QUESTION 8
A customer will be upgrading to a new POWER7+ server running IBM i 7.1. This customer is currently running IBM i 6.1 and uses AnyNet for SNA connectivity over TCP/IP. What must be configured to allow this customer to continue to receive IBM support for problems which may occur with the TCP/IP-based SNA connectivity?

A. EtherChannel
B. Enterprise Extender
C. Virtual IP Addressing (VIPA)
D. Converged Network Adapters

Correct Answer: B

QUESTION 9
A customer is considering a Power 720 and would like to have Solid State Drives (SSD) in their configuration. What needs to be considered when configuring this system?

A. SSDs are only allowable in rack-mount systems.
B. Only slots 1-4 on the front of the CEO can accommodate SSDs.
C. SSDs placed anywhere in the CEO precludes use of an internal tape drive.
D. A failed SSD located on an internal adapter card will require a system outage to replace.

Correct Answer: D

QUESTION 10

A customer has a production 16-core POWER7+ 770 with 8 cores currently active. They are considering purchasing a POWER7¡Â 770 Capacity Back Up (CBU) with the same processing capacity.

What must be included in the new POWER7+ 770 CBU configuration?

A. The CBU feature, (8) core activations and (8) processor entitlements of IBM i
B. The CBU feature, no core activations and a minimum of (1) processor entitlement of IBM i
C. The CBU feature, (8) core activations and a minimum of (1) processor entitlements of IBM i
D. The CBU feature, no core activations, (1) processor entitlements of IBM i and (1) Enterprise Enablement feature

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
A customer has a 1-core POWER6 520 running 7.1 TR6, with 6 internal 3,5 inch 70GB drives all in the system ASP.

The customer has just purchased a 4-core POWER7¡Â 720. The customer has an HMC attached to both machines.

Which of the following upgrade methods is supported?

A. Remove the 6 disks from the POWER6 520 CEOInstall the disks into the POWER7+ 720 CEOIPL the POWER 7+ 720
B. Perform a full system save of the POWER6 520Restore the saved data to the POWER7+ 720
C. Install an EXP12S on the POWER7+ 720 and move the POWER6 520 disks to the expansion unit Use the HMO change the POWER7+ 720 to IPL from the EXPI2S
D. Save ASP Data on the current machineMigrate the Load Source from the POWER6 520 to the POWER7+ 720Restore ASP Data on the new machine.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which console type provides the ability to accept commands in a command line interface (CLI) to perform resource movements?

A. LAN Console
B. Operations Navigator
C. Hardware Management Console (HMC)
D. Advanced System Management Interface (ASMI)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
A customer is considering a Power 770 with two IBM i 7.1 partitions. The server will be natively attached to the same DS8000 System Storage already in use by other IBM i sewers in their enterprise.

A System Storage sizing indicates that each LPAP will require 128 LUNs. Multipath connectivity is required for redundancy. The customer does not want to invest in additional skills or to use NPIV,

Which of the following is necessary to support the customer requirements?

A. Two IBM i partitionsOne 8Gb dual-port Fibre Channel adapter per IBM i partition
B. Two IBM i partitionsTwo 4Gb dual-port Fibre Channel adapters per IBM i partition
C. Two VIO Sewer partitions and two IBM i client partitionsOne 8Gb dual-port Fibre Channel adapter per VIO Server partition
D. D.Two VIO Sewer Partitions and two IBM i client partitionsOne 4Gb dual-port Fibre Channel adapter per VIO Sewer partition

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following IBM i TCP/IP functions provide automatic interlace switching if a hardware network interlace fails, so that the failure is transparent to client workstations?

A. Enterprise Extender
B. Virtual IP addressing
C. Integrated Ethernet Layer-2 Bridging
D. Multiple TCP/IP addresses using multi-homing

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is valid.

QUESTION 15
A customer needs external storage attached to their Power Systems server. They are limited in regard to the amount of floor space and energy/cooling that can be provided for the external storage device.

Which IBM Systems Storage product will work best with this customer's limitation?

A. XIV
B. D58870
C. D58899
D. Storwize V7000

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
An IBM i customer is already using IBM Backup, Recovery and Media Services for i (BRMS)and now wants to use BRMS to encrypt their backups.

What additional BRMS feature is needed?

A. Advanced Functions Feature
B. Tivoli Key Lifecycle Manager
C. Encrypted ASP Enablement Feature
D. Media and Storage Extensions Feature

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
A customer is running VSR4 on a POWER4 model 810 and wants to move data and applications to a POWER7+ with IBMi 7.1.

What needs to be done to minimize downtime?

A. A data migration to the POWER7+
B. An upgrade to IBM i 7.1 on the POWER4A save restore to the POWER7+
C. A save restore to the POWER7+Then upgrade to IBM i 7.1 on the POWER7+
D. Upgrade to IBM i 6.1 on the POWER4Upgrade to IBM i 7.1 on the POWER7¡Â

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
A customer is migrating their database application from a system with significantly less I/O and processing performance to a new POWER7+ machine.

What can be suggested to significantly decrease the amount of time taken to save the source system prior to the migration?

A. Permanently apply all non-IBM PTFs.
B. IPL the system in to restricted state.
C. Change the system value for "1=Save Access Paths" to "0=Do not save".
D. Use ASP balancing functions to stop allocation and remove some disks prior to the save.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19

A customer would like the ability to test multiple versions of an application without requiring a separate IBM i partition for each application instance.

Which of the following will support this requirement?

A. Solid State Drives (SSD)
B. Independent ASP5 (iASP)
C. Remote load source mirroring
D. Portable Application Solutions Environment (PASE)

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
corrected and modified.

QUESTION 20
Which is a value of IBM Power Systems and IBM i when compared to a typical Windows, Unix or Linux solution stack?
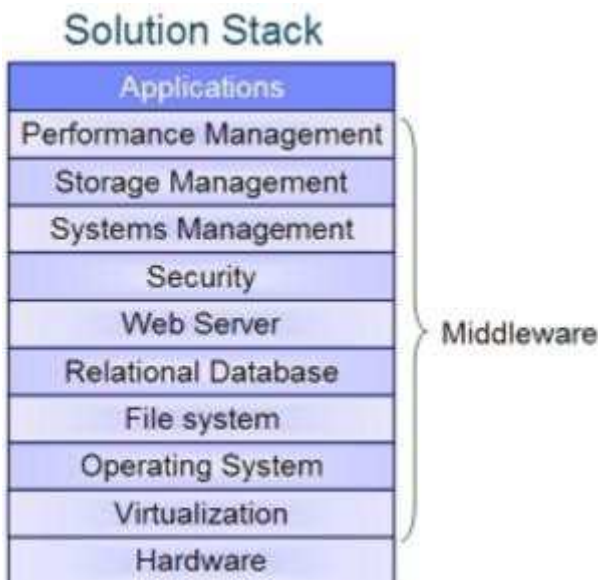
A. Application integration from a single source
B. Application integration reducing cost and complexity
C. Middleware integration reducing cost and complexity
D. Middleware integration by accumulating individual products

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
What was the primary reason why VIO Server was introduced for IBM i environments?

A. To provide NPIV
B. To provide vSCSI
C. To provide Shared Ethernet Adapter
D. To deal with industry standard formatted external storage

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
A customer wants to use a virtual tape library instead of a TS3500 in BRMS. What needs to be considered?

A. Virtual tape library requires a smart 10A.
B. Only one virtual tape library drive can be used at a time.
C. Using a virtual tape library is not necessarily faster than physical tape back-up.
D. All BRMS physical media pools must be duplicated to virtual tape library media pools

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
A customer wants to replace a POWER5 server with a POWER7+ system. The customer would like to re-use the SCSI attached TS3100 tape library.
What needs to be done to make this possible?

A. The TS3100 needs to be upgraded to a TS3200.
B. The SCSI adapter needs to be migrated to the POWER7+ CEC.
C. An expansion drawer needs to be purchased to connect to the TS3100.
D. The tape drives in the TS3100 library need to be converted from SCSI to SAS.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
A P0WER6 customer plans to move to 6-core POWER7+ technology using an MES upgrade. What unique capability does this provide?

A. IBM i license transfer option
B. External SSD drawer support
C. No charge processor activation
D. Maintain the current serial number

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
A customer with a POWER6 520 running V5R4M5 is considering migrating to a POWER7+ 720.
Which upgrade or migration method will work?

A. Install 5722-SS1 Native Support Feature (EB34) on the current machine
B. Upgrade the current machine to IBM i 6.1.0Perform a full system save on the current machine and full system restore on the new machine.
C. Upgrade the current machine to IBM i 7.1 with Technology Refresh 6Perform a full system save on the current machine and full system restore on the new machine.
D. Load the 7.1 LIC and OS on the new machinePerform a GO SAVE 21 on the current machine, and a GO RESTORE 21 on the POWER7+ 720.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
A customer currently performs all their backups to physical tape. The customer would like to improve the performance of their saves, but does not have the time to perform any major changes to their backup strategy or system design.
Which product will allow them to potentially decrease their backup times without significant modification to their system and existing save processes?

A. VIO Server (VIOS)
B. Virtual Tape Library
C. Library-based tape encryption
D. Backup and Recovery Media Services Advanced Feature

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
A customer wants to provide users with the option to send IBM i reports as PDF files to their email. Due to security requirements, the PDF files must be encrypted prior to being sent, and remain encrypted on the user's PC.
Which of the following products supports these requirements?

A. IBM Navigator fori
B. Infoprint Services for IBM i
C. IBM i native PDF conversion
D. Tivoli Print Manager for IBM i

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
A customer with a POWER5 570 is replacing the system with a POWER7+ 750. In addition to a compatible IBM i version with the necessary Technology Refresh version, which other prerequisite must be accommodated?

A. External network connectivity is required for the FSP.
B. New Ethernet connections must run at 1Gb or higher.

C. Dual-source power is required to support the included dual power supplies.
D. HMC must be able run the appropriate firmware to support the POWER7+ 750.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
A customer is acquiring a POWER7+ system with 6 IBM i LPARs. A requirement exists to perform simultaneous backups of 3 of the partitions. Production schedules will cause the time of the backups to vary significantly on a daily basis.
Which configuration would support the requirements of the customer with least operator interaction?

A. Configure each LPAR with a fibre tape adapter. Configure a tape library with 3 tape drives. Configure a fibre switch for tape library and drive connectivity Use BRMS and the BRMS network feature to manage backups and media.
B. Configure the system with 3 fibre tape adapters. Configure a tape library with 3 tape drives. Use the HMC scheduler to move the adapters. Use BRMS and the BRMS network feature to manage backups and media.
C. Configure an LPAR with 1 fibre tape adapter. Configure a tape library with 3 tape drives.Use iSCSI to channel the 5 other LPARs through the LPAR that owns the fibre tape adapter Use BRMS and the BRMS advanced function feature to manage backups and media.
D. Configure a VIO Server (VIOS) LPAR with 1 fibre tape adapter. Configure a tape library with 1 tape drive.Configure Virtual SCSI to enable each IBM i LPAR to connect to the VIOS. Configure backups to use virtual tape catalogs hosted by VIOS.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
In what situation would VIO Server be preferable to IBM i as a hosting partition?

A. When using NPIV for tape connectivity
B. When connecting to ProtecTierTS7620
C. When directly connecting to Storwize V3700
D. When configuring Ethernet bridging between partitions

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
valid and updated.

QUESTION 31
Which of the following is a benefit of redundant cache on a SAS disk adapter?

A. Multipath support
B. Disk level mirroring
C. Hot-spare protection
D. Improved performance

Correct Answer: D

QUESTION 32
A Power 770 customer is considering the purchase of a Power 770 Capacity Back Up (CBU) system as part of a disaster recovery solution. What is a benefit provided by CBU?

A. Allows the temporary transfer of active cores from the primary system to the CBU.
B. Allows the temporary transfer of license keys from the primary system to the CBU.
C. Allows the temporary transfer of IBM i licenses and user entitlements from the primary system to the CBU.
D. Allows the temporary transfer of IBM i licenses and Enterprise Enablement features from the primary system to the CBU

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
Which of the following IBM i disk protection schemes offers the highest level of redundancy and the broadest scope of protection?

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A. RAID-5 with hot spare
B. RAID-6 with hot spare
C. Disk mirroring at loop level
D. Disk mirroring at adapter level

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
A customer wants to replace their existing system with a POWER7+ server with Storwize V7000 and is considering Solid State Drives (SSDs) for performance reasons. Which tool is needed to determine if SSDs could improve performance?

A. Disk Magic
B. SSD Candidate Screening
C. SSD Analyzer Tool for IBM i
D. Performance Tools Upgrade Analyzer

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:

QUESTION 35
A customer plans to purchase a low cost solution that includes a 4-core POWER7 server running IBM i 7.1 with 400GB of data. The server will be located in a warehouse and the customer is concerned about dust affecting the reliability of the backup device and the media used for system backups. Which of the following will reduce the customer's concern?

A. Internal LTO-6
B. Internal DAT160
C. USB flash memory stick
D. USB Removable Disk (RDX)

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
A customer is running several partitions on a Power 740 with a Storwize V7000. The server and the V7000 are in a remote data center. The customer wants to add 3 partitions running the same operating system. What is the most efficient and cost effective manner to install these new partitions?

A. Use an image catalog on a USB drive
B. Install the partition from installation media
C. Use an image repository of the VIO Server
D. Use an image catalog of the service processor

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
A P0WER6 customer with IBM i is migrating to a new POWER7 server and wants to transfer their existing IBM i processor entitlements.
What is required for the donor and receiving machines to qualify for the transfer?

A. Both must have either IBM i 5.4, i 6.1, or i 7.1
B. Both must have the Enterprise Enablement feature
C. Both must have the same number of core activations
D. Both must be entitled at the same version and release of IBM i

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
A customer that has a 4-core Power 720 with one dedicated IBM i partition wants additional storage to improve usable space and performance. Eight disks are already installed in the front cage. Which option

will support the customer requirements?

A. Add an EXP24 Drawer
B. Add a 12XPCIe drawer
C. Add a split backplane and rear cage
D. Add a PCIe RAID &SSDSAS Adapter with SSD

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
A customer has multiple single-image systems running various versions of IBM i as noted below, and
wants to consolidate their workloads to partitioned systems.

Existing application limitations and business requirements prevent them from moving off older releases of
the IBM i.

Based only on the versions of IBM i and assuming no operating system upgrades are possible, what is the
minimum quantity and most recent generation of Power Systems servers required to consolidate these
workloads?

A. 1 POWER6
B. 1 POWER7
C. 1 POWER6+ 1 POWER7+
D. 1 POWER5+ 1 POWER7+

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Which of the following is a restriction when virtualizing tape or DVD with VIO Server to client partitions?

A. All client partitions have shared access to the virtualized device.
B. Only one client partition can use the virtualized device at a time.
C. Only AIX and Linux client partitions have shared access to the virtualized device.
D. All IBM i client partitions have shared access to the virtualized device.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
up-to-date.

QUESTION 41
IBM i is being used as a hosting partition on a Power 720. What object type contains the virtualized disk for
any client partitions?

A. File Server Image
B. Network Server Description
C. Network Server Storage Space
D. Independent Auxiliary Storage Pool

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
A customer wants to build reports against data, stored in their Power Systems running IBM i and Query/400, using a browser-based user interface.
Which of the following products would support this requirement at the least cost?

A. Cognos
B. Tivoli DB2 Agent
C. IBM DB2 Web Query fori
D. IBM i for Business Intelligence

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
Which of the following is a method to increase fault tolerance and reduce potential outages from network equipment failures downstream from the IBM i environment?

A. Static Routing
B. Enterprise Extender
C. Virtual IP Addressing (VIPA)
D. Network Address Translation (NAT)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
In which situation is the FC #EB34 IBM i 6.1.1 Native I/O feature required?

A. To allow a POWER7+ system to run external I/O
B. To enable a POWER7 system to host a Linux partition
C. To implement a single-image system on a POWER7+ server running only IBM i 6.1
D. To configure a POWER6+ or POWER7 system to run client I/O for an IBM i 6.1 partition

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
What console type can be configured on a single-image Power 720 in order to keep the overall cost lower than other console types?

A. LAN Console
B. ASMI Web Console
C. Direct-attached Console
D. Hardware Management Console (HMC)

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
A P0WER7 customer wants IBM i to host the storage for client IBM i partitions but is concerned about a single hosting partition being a single point of failure. Which of the following would address the customer's concern?

A. Mirror the storage spaces of each client partition using NPIV
B. Use external storage on the hosting partition and multipath I/O
C. Create a second hosting partition and use adapter-level mirroring in the client partitions.
D. Mirror IBM i hosting partition to a second hosting partition, using the split backplane feature

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
Which process can be automated using the "schedule operations" function of the HMC?

A. Dynamic reconfiguration (DLPAR)
B. Operating system PTF load and apply
C. Run a backup of data in a logical partition
D. Perform a concurrent managed system firmware update

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
Which of the following is one of the benefits provided by the integrated storage management capability of IBM i?

A. Eliminates the need to reorganize DB2 objects
B. Removes the requirement for redundant disk cache
C. Provides disk protection such as RAID-5, RAID-6, Hot-Spare or Mirroring
D. Allows for quick adaptation of new storage innovations such as Solid State Drives

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Which of the following configurations will require an HMC?

A. POWER7+740Five IBM i 7.1 LPARsFull Enterprise Enablement feature
B. POWER7+720IBM i LPARsOn/Off Capacity on Demand
C. POWER7+710IBM i 7.1 LPARsOne Enterprise Enablement feature
D. POWER7+730Four IBM i 7.1 LPARFull Enterprise Enablement feature

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
A customer has an IBM i host partition with 3 IBM i client partitions. All client partitions only perform their full system backups using a shared LTO-5 tape drive. Which of the following is a valid consideration in this environment?

A. Backups will be stacked on the tape.
B. Media and Storage Extensions is required on the client partitions.
C. In a Disaster Recovery scenario, recovery will be one partition at a time.
D. Sufficient disk on the host partition is required to buffer backups when two partitions are using the tape drive simultaneously.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Which of the following is a value proposition for Power Systems and IBM i as published in a recent International Technology Group study?

A. Lower overall 3 year costs than an x86 solution with Windows and SQL server.
B. Server costs are higher but have lower support costs than an x86 server solution.
C. Licensing costs are higher but implementation is faster than a Windows Server solution.
D. Software maintenance costs are higher but operating system upgrade costs are lower than on an x86.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
An IBM i customer would like to use external storage but has no desire to implement VIO Server. Which of

these IBM Systems Storage products is a valid choice to support this customer's requirements?

A. XIV
B. DS8870
C. DS4800
D. DS3400

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
modified.

QUESTION 53
A customer wants to replace their single-partition POWER5 system with a POWER7 system that will run 2 IBM i partitions. What is needed in order to transfer the IBM Licensed Program Products?

A. A proof of entitlement
B. The original POWER5 system invoice
C. A software maintenance contract for the POWER7 system
D. The license key of the license program from the POWER5 system

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
When moving from a POWER5 server with IBM i V5R4 to a Power 720, which of the following can be transferred?

A. Licensed Program ProductsIBM i processor license and user entitlements
B. IBM i user entitlementsLicensed Program Products
C. License keysLicensed Program Products
D. IBM i processor licenseLicensed Program Products

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Why would a customer install an IBM i Technology Refresh?

A. To support new hardware or new function at IBM i 7.1
B. To support new hardware or new function at IBM i 6.1
C. To support new hardware or new function at IBM i 7.1 and 6.1
D. To support new hardware or new function at IBM i 7.1,6.1 and V5R4

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
What part of PowerHA for i can ensure that objects such as device descriptions and user profiles in *SYSBAS are consistent on all machines participating in the cluster?

A. Tower-level clustering
B. Administrative domains
C. Loop-level device domains
D. Independent ASP (iASP) redirect

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
What native feature of IBM i supports logical replication and high availability?

A. Remote journals
B. Remote disk mirroring
C. Remote ASP configuration
D. Remote system management

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
A customer with a POWERS 520 running IBM i is debating consolidating to a POWER7+770 that is currently only running AIX, or replacing the POWERS with a POWER7+720. The budget is limited, and the customer SWMA contract is expired.

Which option is the most economical?

A. Transfer the IBM i license to the POWER7+770
B. Purchase a POWER7+ 720 and a new IBM i license
C. Purchase a new IBM i license for the POWER7+ 770
D. Purchase a POWER7+ 720 and transfer the IBM i license

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
A customer would like to share a tape library among multiple partitions to run backups on a nightly basis, but doesn't have the budget for a fibre switch or dedicated fibre adapters. They need to be able to have their single fibre adapter available to each partition on a scheduled basis.

What product or feature can help accommodate this requirement?

A. iASP

B. BRMS
C. Media and Storage Extensions
D. Hardware Management Console

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

corrected.

QUESTION 60
A customer with a POWERS 520 and a FC #0595 expansion unit wants to upgrade to a POWER7+720.
The customer has TS2900 SCSI-attached tape drive and 20 70GB disk units.

Which elements of the original system can be used in the new system?

A. The TS2900 can be converted to SAS connectivity.
B. The memory DIMMS, if larger than 4GB, can be directly installed.
C. The EC #0595 expansion unit can be converted from HSL-2 to 12X.
D. The 70GB drive data can be migrated using Pack Utilities Maintenance Program in SST.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
A POWER7+system managed by IBM i is hosting an IBM i client that requires 24 virtual disks. What is the
minimum host configuration to support the client storage?

A. 2 vSCSI controllers2 Network Server Descriptions
B. 1 vSCSI controller1 Network Server Description
C. 3 vSCSI controllers3 Network Server Descriptions
D. 4 vSCSI controllers2 Network Server Descriptions

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
A customer has a large quantity of LTO-2 media. The customer would like to be able to read that media,
while at the same time acquiring a tape library which supports hardware encryption. Which LTO format and
attachment method supports these requirements?

A. SAS-attached LTO-5
B. USB-attached LTO-6
C. SCSI-attached LTO-3
D. Fibre-attached LTO-4

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 63
A POWER6 customer with IBM i is migrating to POWER7 and is concerned about system performance. Which of the following tools can provide a system recommendation based on the customer's performance requirements?

A. Quick Sizer
B. nmon analyzer tool
C. System Planning Tool
D. Systems Workload Estimator

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
A customer wants to automate e-mailing the BRMS Recovery Reports to multiple e-mail addresses after the daily backup has run. Which of the following licensed program products is able to do this?

A. Portable Utilities for i (5733-301)
B. Transform Services for i (5770-TS1)
C. Advanced Job Scheduler for i (5770-JS1)
D. Advanced Function Printing Utilities (5770-API)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
When virtualizing physical tape with IBM i Virtual Partition Manager (VPM) to client partitions, which statement is correct?

A. Only one client partition can use a virtualized device at a time.
B. IBM i client partitions can use supported tape libraries in Random mode.
C. Only tape drives located in the CEO are supported for virtualization to client partitions.
D. The hosting IBM i partition Network Storage Description (NWSD) default settings must be altered to allow use of virtualized tape.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66

A customer is migrating from POWERS 520 to a POWER7¡Â 720. The migration includes the transfer of IBM i Licensed Program Products, and both systems need to run in parallel production for 30 days.

Which action supports this requirement?

A. Request temporary migration keys
B. On/Off Capacity on Demand Licensing
C. Use temporary CBU keys during the migration period
D. Include IBM Temporary Software License for i product in the configuration

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
An IBM i 7.1 customer with a Power 720 needs to occasionally run a small test environment of IBM i. The environment doesn't require regular backups, availability isn't a factor, and consistent I/O performance isn't important.

The test environment needs to be deployed quickly, and must be redeployed with a fresh instance after testing.

Which of these following configurations supports these requirements?

A. IBM i as a client partition of IBM i
B. Dedicated internal storage and network
C. Storage and network managed with VIO Server
D. Storage managed with VIO Server, dedicated network

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
A customer running IBM i VSR4MO on a POWERS 520 is considering purchasing a POWER7+720. What steps should be performed as part of the upgrade/migration process?

A. Upgrade to V5R4M5Run STROBJC VN to prepare programs for 7.1.
B. Upgrade the current machine to 6.1Run ANZOBJCVNThen upgrade to 7.1 to support the new hardware
C. Run ANZOBJCVN on their current V5R4M0 system to identity potential program issues.
D. Upgrade to 6.1 Run ANZOBJCVN to determine if the customer can upgrade to IBM i 7.1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
A customer needs to keep energy consumption as low as possible and is considering a POWER7+ server. In order to monitor and manage energy usage, which product is needed?

A. PowerVM
B. Systems Director
C. Flex Server Manager
D. Tivoli Data Center Manager

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
A customer is moving from a POWER5 520 machine (P20) with 2 processors and Enterprise Edition to a 6-core Power 720 server (P10).

Which of the following is needed to maintain equal function on the new system?

A. Two IBM I license transfers
B. Unlimited usersTwo IBM i license transfers
C. One IBM i license transferOne new IBM i license at PIO
D. Unlimited usersOne IBM i license transferOne new IBM i license at PIO

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
A customer with a 2-core POWER6 520 running IBM i 6.1.1 wants to move to a 4-core POWER7+ 720.
Which of the following is a consideration?

A. The system serial number will change.
B. Virtual tape images can be used to migrate from the 520 to the 720.
C. IBM i on the 520 must be upgraded to 7.1 with TR6 prior to the upgrade.
D. ANZOBJCVN must be run and any identified issues resolved prior to the move.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
A customer has 3 IBM 7.1 partitions running on a POWER7 740. One partition has a dedicated 4Gb Fibre Channel adapter to connect to the tape library, the other two partitions have a shared 4Gb Fibre Channel adapter to connect to the same tape library. All partitions are connected to a VIO Server to use external storage.

The overhead of needing to switch the shared 4 Gb Fibre Channel adapter is a burden and the customer wants a solution for this.

Which of the following is needed?

A. NPIV and Technology Refresh 2
B. NPIV and Technology Refresh 6
C. An additional 4Gb Fibre Channel adapter
D. Backup, Recovery and Media Services Network feature

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

corrected.

QUESTION 73
A customer with a POWERS 520 running IBM i 6.1.0 and internal disks plans to move to a Power 720 with
external storage using NPIV. What is required to support this plan?

A. Upgrade to IBM i 7.1 TR6 or later
B. Install VIO Server with IBM i 7.1 TR6 client or later
C. Remain at IBM i 6.1 .0 and directly attach the V7000
D. Refresh to IBM i 6.1.1 and add the Native I/O Enablement feature

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
When could an IVM instance be preferable to an HMC for systems management?

A. Where multiple partition profiles are required
B. When Systems Director is used for centralized management
C. Where Power Compute Nodes are deployed in a PureFlex environment
D. When a single, entry-level Power Systems server needs to be split into client LPARs

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference: