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C4040-251

Power Systems with POWER8 Scale-out Technical Sales Skills V1

- New Question added after confirmation.
- This is Really great dump to study, All questions from this.
- This is a great opportunity for those who want to get certified in IBM certifications.
 - Guys!!! You can trust on this dump,Good Luck!

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Exam A

QUESTION 1

A customer is interested in migrating Little Endian (LE) Linux workloads to POWER8 servers running PowerKVM.

Which Linux distribution will satisfy the requirement?

- A. Ubuntu
- B. RedHat
- C. CentOS
- D. SUSE

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

A customer with POWER8 processor-based systems needs an application server that supports environments from single server and medium-sized configurations, to large deployments requiring tier clustering over multiple application server instances. Which IBM product family will satisfy the customer's requirements?

- A. Rational
- B. WebSphere
- C. Information Management
- D. Cognos

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

A customer will be using an S822L and PowerKVM. They want to know how they will attach a console to their machine over the network during installation.

Which console solution should they use?

- A. Virsh
- B. HMC
- C. IVM
- D. SOL

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Which of the following is a stand-alone offering in the PowerSC family, that provides a consolidated view of the virtual data center VM network isolation landscape?

- A. Real-time Compliance Management
- B. Trusted Surveyor
- C. Trusted Firewall
- D. Trusted Network Connect

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A customer has a Power System S824 server with the following components:

- .
- (1) 8-core 4.15 GHz POWER8 processor
- .
- (1) 8 Gigabit PCI Express Dual Port Fibre Channel adapter
- .
- (1) PCIe2 Quad Port 1GbE adapter
- .



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PowerVM Standard Edition

(1) VIO Server using one core, and (7) guest LPARs each using one core

The customer needs to add a redundant VIO Server and implement another three LPARs, each with one core.

In addition to one 8 Gigabit PCI Express Dual Port Fibre Channel adapter, which of the following components must be ordered to satisfy the minimum requirement?

- A. (1) 4-core POWER8 processor
(1) PCIe2 Quad Port 1GbE adapter
(4) licenses of PowerVM Express Edition
- B. (1) 4-core POWER8 processor
(1) PCIe2 Quad Port 1GbE adapter
(4) licenses of PowerVM Standard Edition
- C. (1) 8-core POWER8 processor
(1) PCIe2 Quad Port 1GbE adapter
(16) licenses of PowerVM Enterprise Edition
- D. (1) 8-core POWER8 processor
(1) PCIe2 Quad Port 1GbE adapter
(8) licenses of PowerVM Standard Edition

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Customer recently installed a new six-core S824, with (18) SFF-3 bay storage HDD disk backplane completely filled . They want to include (4) SSD solid state drive, the data in order to improve the thermal performance. Customers want to avoid adding a EXP24S I / O drawer to place the SSD costs .

Which of the following to meet customer requirements in order to improve the performance of hot data ?

- A. plus an eight-slot 1.8-inch solid state drive cage backplane
- B. plus an SSD SAS bay PCIe Riser
- C. plus a PCIe RAID and SSD SAS adapter
- D. plus a USB SSD cage connection

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

In what case , all I / O must be virtualized ?

- A. When an AIX 7 WPAR belong to a global environment .
- B. When an IBM i partition belong to dry another IBM i partition.
- C. When a logical partition when using a shared storage pool (SSP).
- D. When using PowerVM Enterprise Edition and Enterprise Edition with PowerHA .

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

A company wants to integrate six existing AIX workloads onto a single logical partition six Power8 single server .

Which server options to meet the requirements?

- A. S822 is equipped with an HMC
- B. S822L with PowerVM
- C. S824 with PowerKVM
- D. S822 is equipped with PowerVM Express Edition

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which components of PowerKVM provide I / O virtualization ?

- A. IPMI
- B. virsh
- C. QEMU
- C. Kimchi

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

The shared storage pool (SSP) was established in Cluster Aware AIX (CAA) Which of the following can provide the kind of high-value features ?

- A. client logical partition memory thin provisioning (Thin provisioning).
- B. Zero configuration operations to implement NPIV storage.
- C. throughout the cluster VIO server synchronization hard name.
- D. Logical partitions automatic failover between Power Systems servers.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Compared with 720 quad-core , four -core S814 What added to the standard features to improve RAS capabilities ?

- A. RAID 0
- B. Chipkill Memory
- C. Support PCIe Hot
- D. alternate processor recovery (Alternate Processor Recovery)

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Dynamic partition migration , the following is required ?

- A. PowerVM Enterprise Edition
SAN disk system
Virtual Ethernet
- B. dedicated processor
PowerVM Enterprise Edition
Virtual Ethernet
- C. dual VIO server
PowerVM Enterprise Edition
SAN attached disk
Two virtual processors
- D. dedicated processor
Dual VIO server
SAN disk system
Virtual Ethernet

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Which of the following Linux distributions supports Little Endian (LE) on POWER5 processor- based?

- A. RHEL5
- B. SLES 11
- C. RHEL6
- D. Ubuntu 14

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference:

<http://www-01.ibm.com/support/knowledgecenter/linuxonibm/liaam/liaamdistros.htm>

QUESTION 14

What benefit does the CAP I feature of POWER8 provide?

- A. The ability to attach accelerators that have shared memory access that is coherent with the system's processors.
- B. An implementation of AME on a hardware accelerator.
- C. The ability to dispatch multiple virtual machines on a single core at the same time.
- D. An alternative to memory lock base synchronization.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Customer has multiple partitions running applications. Due to the user's different regions, each district will have a lot of memory requirements in the different times of day .

Which memory technology can be used to best achieve dynamic shared memory between logical partitions ?

- A. Virtual Memory Pool
- B. Virtual Memory Boost
- C. Active Memory Sharing
- D. Active Memory Expansion

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

A customer has a 4-node cluster serving a few different applications. The storage requirements are not clearly defined and would be very unpredictable.

How would shared storage pools benefit this customer?

- A. They reduce the total required storage by half.
- B. They eliminate the need for multiple repository disks.
- C. They reduce I/O bandwidth by sharing the LUNs.
- D. They reduce the time and effort needed to allocate storage.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Answer is updated.

QUESTION 17

Customers are migrating from the Power7 to Power8 systems. In the new VIO server environment, they want to use storage multipathing client logical partition.

Customers should use something to meet their requirements ?

- A. NFS
- B. NPIV
- C. iSCSI
- D. vSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

There are 20 partitions on the customer's Power8 system , want to allocate additional storage from non- IBM SAN to each partition. License fees for all partitions drivers and multi-path software beyond the current budget.



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Which one of the following technologies will meet their demands in the budget ?

- A. NPIV
- B. SAS
- C. SSD
- D. vSCSI

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Customers want to have a mix of the S824 SSD and HDD, using the extended functions (18 disks) backplane (EJOP), and do not want to use the Easy Tier feature.

How to achieve ?

- A. Use RAID 5T2 configure all drives.
- B. on SSD and HDD ARRAY different configurations.
- C. The SSD installed in EJTM 8-Bay 1.8 SSD cage.
- D. Use backplane isolation, and put on the back side of the SSD , HDD on the other side .

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:**

Still valid.

QUESTION 20

A customer interest in the PostgreSQL server workloads to Power8 , but more concerned about the cost .

Compared with x86 servers , which system of pricing the most competitive ?

- A. S822
- B. S814
- C. S824L
- D. S812L

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 21**

A customer wants to show workloads in real time, highlighting possible problems or bottlenecks.

What will satisfy the requirement?

- A. System Director
- B. PowerVC
- C. PowerVP
- D. PowerSC

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 22**

A customer is considering a fully-virtualized infrastructure to be built on Power Systems.

Which capability would allow storage virtualization, and reduce the effort of adding storage to client partitions for the Power system administrator?

- A. vSCSI
- B. NPIV
- C. SSP
- D. SR-IOV

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A customer needs a new server for their database currently running on a 16-core POWER7 4.1 GHz based server. Oracle has informed the customer that their SPARC T5 based servers are best suited for running databases, because the SPARC T5 has eight threads per core, while the current servers only allow for up to four threads per core.

Which of the following statements could be correctly used to repudiate the Oracle claim?

- A. Databases are mostly single-threaded workloads. Scale-out POWER7 servers have higher clock speeds and can scale to more cores than SPARC T5 servers.
- B. Oracle T5 Servers are engineered to run Oracle workloads faster. Non-Oracle workloads will run slower on their hardware due to the amount of threads.
- C. More threads will implicate more licensing for the database software. Less threaded processors provide a better TCO by reducing the licensing.
- D. The number of threads cannot guarantee better performance. Servers based on POWER7 have better per core performance in benchmarks when compared to SPARC T5 based servers.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

The Payment Card Industry Data Security Standard (PCI DSS) has the following requirements to meet compliance:

"Secure audit trails so they cannot be altered."

"Verify that current audit trail files are protected from unauthorized modifications via access control mechanisms, physical segregation, and network segregation."

Which PowerSC offering will support these requirements?

- A. Trusted Network Connect
- B. Trusted Logging
- C. Trusted Audit
- D. Trusted Surveyor

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

In addition to the media slot , S824 GEC also integrates Which of the following ?

- A. (6) USB port
- B. (10) Gb HMC port
- C. an RDX module
- D. a half-height LTO drive slot

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Customers have a server using IVM as a logical partition management . They want to implement PowerVC.

Which PowerVC versions to meet the requirements ?

- A. PowerVC Entry
- B. PowerVC Express
- C. PowerVC Standard
- D. PowerUC Enterprise

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

SAN team hopes customers will easily be able to map each LUN to a specific WWPN for each client logical partition on the Power8 server.

Which technology should be implemented to meet the requirements ?

- A. SAS
- B. NPIV
- C. iSCSI
- D. vSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

As compared to POWER7/7+, what feature of POWER8 processor technology enables more efficient processor utilization in support of highly threaded applications?

- A. Decimal floating point execution
- B. Simultaneous Multi-Threading
- C. Out of order execution
- D. Single precision floating point

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

A customer currently is running a POWER7 6-core 720 with 3 IBM i cores for production, and utilizing PowerHA to a POWER6 2-core server as their backup machine.

The production machine also has unlimited users, IBM i Access users, SQL, and ILE Compilers. They are only using the backup machine to do backups, but it is not a CBU; it has only one IBM i and one licensed PowerHA core.

The customer wants the backup server to have the same capacity as the production server so it can be a true high availability server.

Which of the following is the correct course of action at the least cost?

- A. Upgrade the POWER6 to a POWER7.
Add two additional IBM i and PowerHA Licenses, IBM i and IBM i Access users SQL and ILE Compilers
- B. Upgrade both servers to POWER8 and transfer all the software to the new POWER8 servers.
- C. Purchase a new POWER8 to replace the POWER6 server and transfer the software from the POWER6. Designate the POWER8 as a CBU to the POWER7.
- D. Purchase two new POWER8 servers designating one of them as a CBU.
Transfer all the software from the POWER7 to one of the POWER8 servers and all the IBM i and PowerHA software from the POWER6 to the other POWER8 server.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

What is the number of threads that can be processed for maximum throughput on a POWER8 core?

- A. 12
- B. 4
- C. 8
- D. 2

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A customer is setting up two new partitions where IBM i is hosting the storage. The customer's high priority is to complete the backups to physical tape as fast as possible, while automating the movement of the single tape library between the partitions. Tape library functions are needed for the backup.

Which combination of storage virtualization will achieve the customer's backup priority?"

- A. One very large virtual disk unit sized to fit the partition with a virtual iSCSI interface to the tape library.
- B. Virtual disk units sized to provide 10 disk units, with the tape and DVD virtualized by IBM i.
- C. Larger virtual disk units and a SAS adapter on each partition, with dual SAS adapter on the tapelibrary.
- D. At least six virtual disk units with the tape drive virtualized with VIO Server and NPIV

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A customer with IBM i and AIX platforms wants to take advantage of a recently acquired XIV Storage System, TS3500 and POWERS system. They are planning to implement 10 LPARs and need to have access to the tape library for SAN backups. The customer also wants to minimize the downtime by VIO Server maintenance.

Which option will satisfy their requirements?

- A. (1)VIO Server, LPARs using SSP for disks, and NPIV for tape library
- B. (2) VIO Servers, All LPARs using NPIV virtualization
- C. (2) VIO Servers, LPARs using vSCSI for disks, and NPIV for tape library
- D. (1) VIO Server, LPARs using vSCSI for disks, and NPIV for tape library Manage the VIO Server updates with alternate disk update method

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

An AIX customer wants to be sure they can update their SAN multipath drivers with a minimal amount of risk, while still being able to perform Live Partition Mobility operations.

Which disk connectivity technology supports these requirements?

- A. NPIV
- B. iSCSI
- C. SAS
- D. vSCSI

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A customer running AIX wants to run DB2 on a new S824 server with uncapped partitions. The customer has licensed DB2 for 15 of the 24 active cores and will use it in multiple partitions.

How can the customer ensure that DB2 does not exceed the number of licenses purchased?

- A. Create 15 shared processor pools for the DB2 partitions.
- B. Limit the number of virtual processors on each DB2 partition to 15.
- C. Use partitions that cannot use more processor capacity than its assigned processing capacity for the DB2 partitions.
- D. Use a 15-core shared processor pool for the DB2 partitions.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Customers expect their virtual environment network and storage I / O traffic will be very large . They are interested in the I / O load separation. They also hope to be in the case of the VIO server without downtime for maintenance.

Which option to meet the requirements ?

- A. (2) VIO servers , each handling a part of the flow
- B. (4) VIO servers , each handling a part of the flow
- C. (4) VIO server , wherein two processing network , handling two storage
- D. (2) VIO server , wherein a processing network , a processing memory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

Easy Tier feature on what support S822?

- A. (8) drives and a split backplane
- B. (12) drives and a split backplane
- C. (12) drive , do not split backplane
- D. (8) SAS drives and an auxiliary controller

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

The correction is added.

QUESTION 37

What is a characteristic of virtualizing workloads?

- A. Processors are virtualized per core.
- B. Greater virtualization reduces the cost of workloads.
- C. Resources must be shared or dedicated.
- D. Greater virtualization increases the cost of computing

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:**

Answer is modified.

QUESTION 38

An AIX customer is running AIX 5.3 on a POWER7 machine and wants to run this workload on a POWER8 server without upgrading their operating system.

What is their best option to migrate their workload?

- A. PowerHA failover
- B. Live Partition Mobility
- C. PowerVC
- D. Versioned WPAR

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:**

Updated.

QUESTION 39

A client needs to analyze data in motion in order to be able to respond to millions of events as they happen per second.

Which offering will satisfy their requirement?

- A. IBM Infosphere Master Data Management
- B. IBM Infosphere Big Insights
- C. IBM Infosphere Clinical Analytics
- D. IBM Infosphere Streams

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 40**

Which command will read a volume group backup stored at /dev/cd1 and restore the /myapp/app.c file to the /data/testcode directory?

- A. restorevgfiles -f /dev/cd1 -s -d /data/testcode ./myapp/app.c
- B. restvg -d /dev/cd1 -s -f /data/testcode./myapp/app.c
- C. restore -Tqv /dev/cd1 -s -d /data/testcode ./myapp/app.c
- D. listvgbackup -restore /dev/cd1 -s -f /data/testcode ./myapp/app.c

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

How can a system administrator verify the progress of an AIX 7.1 client installation from the NIM master?

- A. nim -status
- B. lsrim-l
- C. nim-o check
- D. tail-f/var/adm/ras/nimclient

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

Which TWO components of IBM Systems Director are included in a new installation of a AIX 7.1? (Select 2)

- A. Common Agent
- B. Interface Agent
- C. Distributed Agent
- D. Platform Agent
- E. Management Agent
- F. Update Agent

G. Compliance Agent

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

A new naming guideline requires the existing volume group, db2vg on hdisk1, be renamed to db2logsvg01. Which command sequence will accomplish this with the least downtime?

- A. varyoffvg db2vg exportvg db2vg importvg -y db2logsvg01 hdisk1
- B. odmupdate -q VGNAME db2vg db2logsvg01 sync db2vg db2logsvg01 varyonvg db2logsvg01 hdisk1
- C. varyoffvg db2vg chvg -a name db2vg db2logsvg01 varyonvg db2vg hdisk1
- D. savevg db2vg rmvg db2vg mkvg -y db2logsvg01 hdisk1 restvg hdisk1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Based on the following output, what must be done if loglv1 name is changed to db2loglv?

```
# lsvg -l dbvg
```

```
dbvg:
```

LV NAME	TYPE		LPS	PPS	PVS	LV STATE	MOUNT POINT
loglv1		jfs2log	1	2	2	closed/syncd	N/A
dblv01		jfs2 128	256	2	2	closed/syncd	/exportfs/db01

- A. Run the chfs command to update /exportfs/db01 logging logical volume to db2loglv.
- B. Run the logform command to update the log format of db2loglv.
- C. Run the chlv command to update dblv01 logging logical volume to db2loglv.

D. Run the chvg command to update volume group default logging logical volume to db2loglv.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

What is the supported process to correct filesystem corruption which prevents a normal boot?

- A. Boot the system into a maintenance shell Access the volume group and start a shell before mounting the file systems Run fsck on the rootvg filesystems Exit shell Sync and reboot
- B. Boot the system into a maintenance shell Access the volume group and start a shell Run fsck on the rootvg filesystems Exit shell Sync and reboot
- C. Boot the system into a restricted shell Access the volume group and start a shell before mounting the file systems Run fsck on the rootvg filesystems Exit shell Sync and reboot
- D. Boot the system into a restricted shell Access the volume group and start a shell Run fsck on the rootvg filesystems Exit shell Sync and reboot

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

An administrator has issued the command to start IBM Systems Director server. The administrator wants to view the changing status to see when it becomes active. How can this be accomplished?



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- A. smcli-check

- B. isdstat-m
- C. smstatus-r
- D. lwistat-c

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

An administrator would like to enable operators to list the submission times of all crontab files, but not to edit them. How can this be accomplished?

- A. Enable them to use the crontab command with Role Based Access Control (RBAC)
- B. Enable them to use the cronadm command with SUDO.
- C. Enable them to view the /var/spool/cron/log file with unix file permissions.
- D. Enable them to use the lscrontab command by adding them to the system group.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

Which command displays path and state information for a Multipath I/O (MPIO) capable device?

- A. lspath
- B. lsvpcfg
- C. lsdev
- D. lspv

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

One disk within a mirrored rootvg volume group failed and was replaced. What is the first action the administrator must take after re-establishing mirroring?

- A. Create the boot image on the replaced disk.
- B. Recreate/dev/ipldevice.
- C. Re-enable volume group quorum.
- D. Copy/dev/hd5 to the new disk.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Which tool or function can minimize the impact of planned operating system downtime on active workloads?

- A. Integrated Visualization Manager
- B. Live Application Mobility
- C. Partition Flexibility Mirror
- D. Dynamic Hosting Environment
- E. Micro-Partitioning
- F. Live Partition Mobility
- G. Shared Storage Pools

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

Why does the following ksh code segment fail to run?


```
if [ $rc -eq 0 ] ; then
    echo "Command completed successfully."
    exit $rc
elseif [ $rc -eq 101 ] ; then
    echo "Command failed with debug return code 101."
    exit $rc
fi
```

- A. An alphanumeric operator is being used to compare the integer variable.
- B. The 'if' statement must be terminated with an 'end1' keyword.
- C. The 'elseif' keyword is not valid within ksh scripts.
- D. The segment is missing an 'else' default statement.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

A user has found the keyboard backspace key will not delete text. How can the user set the keyboard backspace key to delete?

- A. splp-b
- B. Add "<key> Backspace" to user .profile and re-login activate
- C. Export LC_CTYPE=BackSpace variable and run command stty-s
- D. stty erase ^?

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

An LPAR has been assigned additional memory and the administrator would like to confirm the new memory size. Which TWO commands will display LPAR total memory? (Select 2)

- A. memstat
- B. lsattr -El sys0 -a realmem
- C. getconf REAL_MEMORY
- D. lscfg-vlmem0
- E. lsmem

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Which parameter of the mkwpar command results in the created Versioned WPAR being mobility aware?

- A. -c
- B. -m
- C. -lam
- D. -ma

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

How can an administrator rename hdisk2 to cldisk1?

- A. chpv-n cldisk1 hdisk2
- B. rendev-l hdisk2 -n cldisk1
- C. clcmd-l hdisk2-d cldisk1
- D. chdev-l hdisk2-aname=cldisk1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

A host is already configured to access the network, and the administrator would like to configure a second adapter on the same system. This adapter should be permanently configured so that the new IP address is available when the system reboots. Which command should be used?

- A. ifconfig
- B. ipconfig
- C. mktcpip
- D. chdev

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

An administrator uses the 'no1 command to change the tcp_sendspace network tunable to 262144. A few minutes later, the ifconfig command produces the following output:

```
en0: flags=5e080863,c0<UP,BROADCAST,NOTRAILERS,RUNNING,SIMPLEX,MULTICAST,GROUPRT,
64BIT,CHECKSUM_OFFLOAD(ACTIVE),PSEG,LARGESEND,CHAIN>
    inet 10.126.0.5 netmask 0xffffffff broadcast 10.126.0.255
    tcp_sendspace 131072 tcp_recvspace 65536 rfc1323 0
```

What additional action is needed?

- A. Use ifconfig to cycle the interface down and up.
- B. Run the no command again, specifying a permanent change.
- C. Change the tcp_sendspace interface specific network option for the device.
- D. Refresh inetd subsystem.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

Which Korn shell syntax is used to assign the directory of the called script to a variable called mydir?

- A. mydir=\$(dirname \$0)
- B. \$mydir=\$(dirname \$0)
- C. mydir=\${dirname \$@}
- D. mydir=\$(dirname \$?)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

Which startup script will mount all filesystems in /etc/filesystems for which the mount parameter is set to 'true'?

- A. /etc/rc
- B. /etc/red
- C. /sbin/rc.start
- D. /etc/rc.bootc

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

Which command creates an application WPAR?

- A. mkwpar
- B. wparexec
- C. crwpar
- D. wparcreate

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

Which command should be run in a WPAR, prior to migration, to ensure filesset consistency with the AIX Global Environment?

- A. syncroot
- B. syncwpar
- C. lppchk-v
- D. lspp-c

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

The administrator cannot ping the hostname of any system on the local network, including LPARs in the same managed system that have virtual Ethernet adapters configured on the same subnet and VLAN. What is the most likely cause of this problem?

- A. The Ethernet cable from the system to the switch is disconnected or faulty.
- B. The Shared Ethernet Adapter in the Virtual I/O Server in the managed system has a problem and is not passing communication between virtual adapters and the network.
- C. The routing table has been flushed on the host and the default route is no longer configured.
- D. DNS is disabled and the /etc/hosts file on the host does not contain the addresses for the hostnames that are being pinged.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

An LPAR has 32 CPUs, and is reporting hundreds of page-ins and page-outs per second. At what level of paging should the administrator become concerned?

- A. Above the size of the paging space size in 4KB pages
- B. Above 50 pages per second
- C. Above 10 pages per CPU per second
- D. Above 10 pages per GB of allocated memory per second
- E. Above the number of paging space disks

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

Which procedure will create a NIM lpp_source resource from an ISO image?

- A. `mkiv -y cdv -L /dev/cdv rootvg 4500M hdisk0`
`cp /images/71_DVD1.iso /dev/cdv`
`mount -v cdrfs -o ro /dev/cdv /mnt`
`nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a source=/mnt AIX71_lpp_source`
- B. `mount -o loop /images/71_DVD1.iso /mnt`
`nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a source=/mnt AIX71_lpp_source`
- C. `mount -v cdrfs -o ro /images/71_DVD1.iso /mnt`
`nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a source=/mnt AIX71_lpp_source`
- D. `nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a source=/images/71_DVD1.iso AIX71_lpp_source`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

A failed integrated tape drive was physically replaced in a small POWER7+ server. The administrator attempts to use the device and receives this error message:
AN ERROR OCCURRED WHILE WRITING TO THE STORAGE MEDIA THE DEVICE IS NOT READY FOR OPERATION

Which of the following is the most likely cause?

- A. The tape device microcode needs to be updated.
- B. The media inside the failed tape drive was not removed.
- C. The tape drive needs to be powered on before being used.
- D. The drive was replaced but the new device information was not configured

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

Within the context of a script, what must be considered when using stopsrc to stop a running subsystem?

- A. The command can only run in the foreground.
- B. Return code will be zero, regardless of outcome.
- C. Return code will be non-zero should the subsystem fail to stop.
- D. The command will wait for the given subsystem to shutdown, before returning.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

An existing LPAR hangs with an LED code of 0553 after a scheduled reboot. An administrator boots the LPAR into a maintenance mode to investigate the cause of the issue.

All filesystems fsck cleanly. There is plenty of space in / and /tmp. And /etc/inittab appears to be intact and valid.

Based on the following output, why is one of these symbolic links likely to be the cause of the LED code?


```
# ls -al /bin /bin/bsh /bin/sh /lib /u /unix
lrwxrwxrwx 1 bin bin 8 Aug 5 2012 /bin -> /usr/bin
-r-xr-xr-x 3 bin bin 25622 4 Jun 4 2012 /bin/bsh
lrwxrwxrwx 3 bin bin 22 4 Jun 5 2012 /bin/sh -> ../opt/freeware/bin/bash
lrwxrwxrwx 1 bin bin 8 Aug 5 2012 /lib -> /usr/lib
lrwxrwxrwx 1 bin bin 5 Aug 5 2012 /u -> /home
lrwxrwxrwx 1 root system 18 Aug 5 2012 /unix -> /usr/lib/boot/unix
#
```

- A. /bin should be linked to/sbin
- B. /unix is attempting to boot a 32-bit kernel
- C. /bin/bsh should be pointing to /opt/freeware/bin/bash
- D. bash can interpret the AIX startup scripts differently to the default shell

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

Which command can be used to monitor I/O activity?

- A. cpio
- B. alstat
- C. iostat
- D. vmstat

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

Given the following output, what is the most likely cause for the error shown?

```
/home/root#lsdev | grep Ether
ent0      Available      Virtual I/O Ethernet Adapter (1-lan)
ent1      Available      Virtual I/O Ethernet Adapter (1-lan)
ent2      Available      Virtual I/O Ethernet Adapter (1-lan)
ent3      Available      Virtual I/O Ethernet Adapter (1-lan)
ent4      Available      EtherChannel / IEEE 802.3ad Link Aggregation
ent5      Available      EtherChannel / IEEE 802.3ad Link Aggregation
```

```
/home/root#entstat -d en0
entstat: 0909-003 Unable to connect to device en0, errno = 19
```

- A. ent0 is part of an EtherChannel.
- B. ent0 is not connected to a switch.
- C. The network that ent0 accesses is unavailable.
- D. The SEA providing network connectivity for ent0 is unavailable.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

An administrator is attempting to recover the sendmail.cf file from the weekly mksysb backup. The following output confirms that the file does exist within the mksysb backup:

```
Cluster 51200 bytes (100 blocks).
Volume number 1
Date of backup: Wed 20 Mar 21:17:26 2013
Files backed up by name
User root
  48015 ./tmp/sendmail.cf
  53278 ./usr/lpp/bos.net/bos.net.tcp.client/7.1.1.17/inst_root/etc/mail/sendmail.cf
  53234 ./usr/lpp/bos.net/inst_root/etc/mail/sendmail.cf
    0 ./usr/samples/tcpip/sendmail/cf
    997 ./usr/samples/tcpip/sendmail/cf/aixsample.mc
    2786 ./usr/samples/tcpip/sendmail/cf/mailserver.mc
    1259 ./usr/samples/tcpip/sendmail/cf/submit.mc
  48015 ./etc/mail/sendmail.cf
  47955 ./etc/mail/sendmail.cf-
  53547 ./etc/mail/sendmail.cf--
  48015 ./etc/mail/sendmail.cf.1355401616
    21 ./etc/sendmail.cf
  48015 ./lpp/save.config/etc/mail/sendmail.cf
    21 ./lpp/save.config/etc/sendmail.cf
files archived: 49674
```

Why would the following smitty panel fail to find and restore the required file?

```
Restore a File or Directory

Type or select values in entry fields.
Press Enter AFTER making all desired changes.

* Restore DEVICE          [Entry Fields]
* Target DIRECTORY        [/tmp/rootvg_mksysb]      +/
FILE or DIRECTORY to restore  [/tmp/]              /
(Leave blank to restore entire archive.)
VERBOSE output?            [yes]                   +
Number of BLOCKS to read in a single input operation  []      #
Restore extended attributes? [yes]                  +
```

- A. The target directory must match the source directory
- B. /etc/mail/sendmail.cf is a symbolic link to /etc/sendmail.cf
- C. Extended attributes should not be restored for a symbolic link
- D. The file to restore must be correctly delimited relative to the backup

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

When attempting to connect to a remote system, a long delay is experienced before the login prompt is displayed. Which of the following is the most likely cause of this issue?

- A. The /etc/resolv.conf file on the remote system is missing.
- B. The /etc/resolv.conf file on the remote system has an invalid entry.
- C. The /etc/hosts file on the remote system does not have an entry for itself.
- D. The /etc/hosts file on the remote system has an invalid hostname listed for itself.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Accurate Answer.

QUESTION 72

What speed and duplex attributes should be configured on a virtual Ethernet adapter?

- A. 1000/Full
- B. Auto/Auto
- C. 10000/Full
- D. Default/Default

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

In the following graphic, the administrator created an additional paging space using smit mkps. The paging space is not active. What is necessary to start using the new paging space?

```

                                     Add Another Paging Space
Type or select values in entry fields.
Press Enter AFTER making all desired changes.

Volume group name          pgvg
SIZE of paging space (in logical partitions) [1024]
PHYSICAL VOLUME name
Start using this paging space NOW?          no
Use this paging space each time the system is
    RESTARTED?                             no
Checksum size                  []
```

- A. Use swapon to activate the new paging space.
- B. Reboot the server to activate the new paging space.
- C. Vary on the pgvg volume group prior to creating the new paging space.
- D. Use chps with the -a y flag to activate the new paging space for immediate use.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

What additional NIM functionality is gained by installing the optional dsm.core filesset?

- A. NIM can query the WWPN of an uninstalled LPAR.
- B. NIM can initiate DLPAR operations against an installed LPAR.
- C. NIM can initiate an automated bos_inst install operation of an LPAR.
- D. NIM can automate a TSM backup before applying APARs or patches

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

An administrator plans to migrate an LPAR from one host to another using a mksysb restore. The source system has a mirrored rootvg on two 72GB disks. The destination system has one 72GB disk.

Which of the following would allow the mksysb to be restored successfully on the destination system?

- A. Update the bosinst.data file for the mksysb target_disk_data value for the volume group.
- B. Ensure the option 'Shrink Filesystems' and 'Use Maps' are set to no when restoring the mksysb.
- C. Update the image.data file for the mksysb lv_source_disk_list, copies and PP values for each LV.
- D. Update the image.data file for the mksysb and add the attribute mirror=false under logical_volume_policy stanza.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

An existing client LPAR has been manually moved from one physical machine to another. The administrator updated the SAN zoning to deallocate from the source VIO Server and allocate to the destination VIO Server. The LPAR and its profile were recreated on the HMC and the single disk is mapped from the VIO Server to the LPAR.

What manual intervention is required after activating the LPAR?

- A. Select a boot device.
- B. Correct the system clock.
- C. Correct the terminal type.
- D. Import non-root volume groups

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

The following verification routine is part of a script used to automate cloning rootvg. This routine determines which disks are available for use. Applying the logic, what configuration of disk would be selected by the script as a candidate?

```
#!/bin/ksh
CLONING_DISKS=`lsdev | awk {'print $1'}`
DISKCOUNT=0
DISTSTOUSE=
echo "\nclone_rootvg started `date`."
for i in $CLONING_DISKS
do
    DISKCHECK=`lsdev -l ${i}|grep -i -E "sas|scsi"`
    DISKINUSE=`lsdev | grep ${i}|awk {'print $3'}|grep -E "None|altinst_rootvg"`
    if [ -z "$DISKCHECK" ] || [ -z "$DISKINUSE" ]
    then
        echo "Disk ${i} is already inuse. Checking others..."
    else
        DISKTOUSE="$DISKTOUSE ${i}"
        DISKCOUNT=`expr $DISKCOUNT + 1`
    fi
done
```

- A. A SAN disk virtualized by NPIV.
- B. A local physical SAS drive, currently a member of the vg00 volume group.
- C. A physical SATA disk drive, currently containing the altinst_rootvg volume group.
- D. A SAN disk virtualized as a Virtual SCSI disk, currently not part of a volume group

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

A company has combined multiple Web servers into one AIX LPAR with a single physical network connection. How can AIX be configured with multiple IP addresses on the same physical connection?

- A. Add the additional IP addresses as aliases in DNS.
- B. Add the IP addresses to the primary hostname line in /etc/hosts.
- C. Add the additional IP addresses as aliases to the network connection.

D. Assign the IP addresses to virtual Ethernet adapters and map them to the physical network connection.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

Which option explains why a user-created local filesystem does not automatically mount when the system boots?

- A. No port is specified for mountd in/etc/services.
- B. The filesystem does not belong to a mount group.
- C. The mount filesystem attribute is missing in /etc/filesystems.
- D. The portmap daemon is not configured to start in /etc/inetd.conf.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

Which of the following is a requirement for EtherChannel using HEA ports?

- A. Dedicated HEA ports are supported as primary adapters when they are configured at different speeds within a single EtherChannel.
- B. HEA logical ports can only be used as a backup adapter when the physical ports are configured as primary adapters in an EtherChannel.
- C. When using HEA logical ports as primary adapters in an EtherChannel, the underlying physical ports must be in an EtherChannel at the switch level.
- D. The 'Internet Address to Ping' attribute must be enabled for logical HEA ports when the EtherChannel only includes primary adapters running at full duplex.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

Which of the following is a supported source for creating a Versioned WPAR?

- A. An existing AIX 5.2 mksysb
- B. AIX 5.3 base product media
- C. An AIX 6.1 Global Environment
- D. NIM AIX 5.3 lpp_source and spot

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

An administrator needs to download and install a later version of the IBM Systems Director Common Agent. Which command would extract the contents of the installation package (SysDir6_3_2_Common_Agent_AIX.tar.gz) to a local directory?

- A. unzip -l SysDir6_3_2_Common_Agent_AIX.tar.gz
- B. geninstall -ue SysDir6_3_2_Common_Agent_AIX.tar.gz -d.
- C. gunzip -cd SysDir6_3_2_Common_Agent_AIX.tar.gz | tar-xvf-
- D. uncompress SysDir6_3_2_Common_Agent_AIX.tar.gz | installp -et -

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

Which previously unsupported management feature does HMC V7R760 bring to Power Blade servers?



<http://www.gratisexam.com/>

- A. Dual VIO Servers
- B. Hypervisor Mirroring
- C. N_Port ID Virtualization
- D. Active Memory Sharing

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 84

Assuming the pdumplv device is in a volume group with a 64 MB pp size, how can the following error report entry be resolved?

LABEL: DMPCHK_TOOSMALL
IDENTIFIER: E87EF1BE

Date/Time: Fri Nov 2 15:00:01 EETDT 2012
Sequence Number: 974
Machine Id: 00C318B04C00
Node Id: devserver
Class: 0
Type: PEND
Resource Name: dumpcheck

Description

The largest dump device is too small.

Probable Causes

Neither dump device is large enough to accommodate a system dump at this time.

Recommended Actions

Increase the size of one or both dump devices.

Detail Data

Largest dump device
pdumplv

Largest dump device size in kb
917504

Current estimated dump size in kb
966041

- A. extendlv pdumplv 1
- B. chfs -a size=+1 pdumplv
- C. chiv -a size=+1 pdumplv

D. sysdumpdev i pdumplv 1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

An administrator noticed that the hostname is being resolved incorrectly after setting up TCP/IP on multiple interfaces. Further inspection shows the /etc/hosts file has duplicate entries for the hostname associated with different IP addresses.

Which of the following is most likely the cause of this situation?

- A. IPv6 is in use and requires a hostname for every interface.
- B. The administrator ran smitty mktcpip on multiple interfaces.
- C. The DNS configuration has multiple separate DNS servers listed.
- D. An EtherChannel was setup using 2 network interfaces as primary adapters.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

An administrator attempts to install the fileset tivoli.tsm.client, but it fails due to missing requisites.

The administrator copies the required filesets into the install directory and tries the preview install again. It fails with the same results, as shown in the graphic below. What must the administrator do to successfully install the filesets?

```

/tmp/tsm#ls -la
total 240432
drwx----- 3 admin1  ibmadmin    4096 Mar 11 07:22 .
drwxrwxrwt  7 bin      bin      32768 Mar 11 07:22 ..
-rw-----  1 root     system    4216 Mar 11 07:20 .toc
-rwx-----  1 admin1  ibmadmin   3142656 Mar 11 07:09 GSKit8.gskcrypt32.ppc.rte
-rwx-----  1 admin1  ibmadmin   3460096 Mar 11 07:10 GSKit8.gskcrypt64.ppc.rte
-rwx-----  1 admin1  ibmadmin   21078016 Mar 11 07:14 GSKit8.gskssl32.ppc.rte
-rwx-----  1 admin1  ibmadmin   21998592 Mar 11 07:18 GSKit8.gskssl64.ppc.rte
-rw-r--r--  1 555      555      22044160 Apr 30 2012 tivoli.tsm.client.api.32bit
-rw-r--r--  1 555      555      9602560 Apr 30 2012 tivoli.tsm.client.api.64bit
-rw-r--r--  1 555      555      41434624 Apr 30 2012 tivoli.tsm.client.ba.64bit
-rwx-----  1 admin1  ibmadmin    11264 Mar 11 07:22 xlsmp.rte.01.07.0000.0000.bff

```

```

/tmp/tsm#installp -paxygd . tivoli.tsm.client

```

...

MISSING REQUISITES: The following filesets are required by one or more of the selected filesets listed above. They are not currently installed and could not be found on the installation media.

GSKit8.gskcrypt32.ppc.rte 8.0.13.4	# Fileset Update
GSKit8.gskcrypt64.ppc.rte 8.0.13.4	# Fileset Update
GSKit8.gskssl32.ppc.rte 8.0.13.4	# Fileset Update
GSKit8.gskssl64.ppc.rte 8.0.13.4	# Fileset Update
xlsmp.rte 1.6.0.3	# Fileset Update

- A. Remove the .toc file or run inutoc.
- B. Provide the correct version of xlsmp.rte.
- C. Make the permissions of all of the filesets group executable
- D. Make the permissions of the requisite filesets group readable

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

An administrator is tasked with deploying NMON to collect detailed performance data for multiple newly installed AIX7.1 production partitions, spread across multiple POWER7+ systems. How should the administrator implement this requirement?

- A. Create a mksysb image with NMON pre-configured
Install the mksysb to all AIX partitions
- B. Configure the pre-installed CAS agent logging directory Use analyzer to convert the text into graphs
- C. Log into each AIX partition
Create a crontab entry to start daily data collection logging
- D. Install the NMON utility using the restricted shell on the HMC Select the "Allow Performance Information Collection" checkbox for all partitions

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

Which standard filesystem is temporarily used by the mksysb backup process?

- A. /mnt
- B. /tmp
- C. /usr/tmp
- D. /var/ras/tmp

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

When preparing to install a System WPAR using NIM, what action must occur before the planned WPAR can be successfully defined as a NIM client?

- A. Install AIX onto the global environment.
- B. Register the planned hostnames to DNS.
- C. Define the global environment LPAR as a NIM client.
- D. Create an lpp_source with the WPAR-specific backup files.

Correct Answer: C

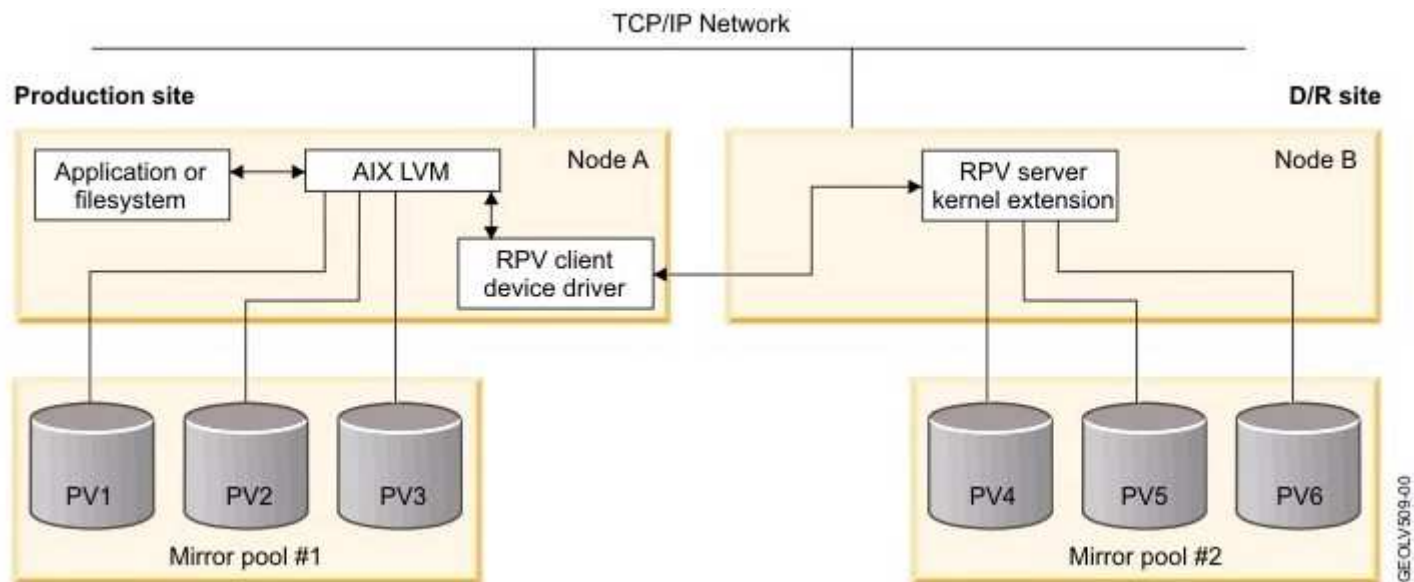
Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

What is depicted in the following diagram?



- A. Long distance NFSv4 mount
- B. Cluster Aware AIX linked cluster
- C. Asynchronous GLVM mirroring
- D. Cross site disk heartbeat

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 91

What procedure can be used to recover an AIX system that will not boot due to a corrupted boot logical volume?

- A. Power on the system and enter SMS mode.
Select Diagnostics and Problem Determination.
Select the option to Recover Boot Logical Volume.
- B. Boot the system into maintenance mode using a mksysb.
Select the System Backup and Install menu.
Select the option to Recover Devices.
- C. Boot the system into maintenance mode using AIX installation media.
Select the Start Maintenance Mode for System Recovery menu and access the root volume group Issue the bosboot command for the rootvg disk.
- D. Boot the system into maintenance mode using a mksysb.
Select the Start Maintenance Mode for System Recovery menu and access the root volume group Copy the /SPOT/dev/hd5 to /dev/hd5 and run syncvg rootvg

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

An AIX instance was initially configured to communicate over a single network interface. The administrator plans to configure an EtherChannel using the existing network interface and an additional network interface.

Which is the correct sequence of steps to implement this configuration?

- A. Remove the existing IP information
Add both interfaces as primary adapters
Configure the IP address
- B. Configure the existing interface as a primary adapter Configure the additional interface as a backup adapter
- C. Configure the same IP address on the additional interface Add both adapters as primary adapters
Remove the existing default route
- D. Add both adapters as primary adapters
Configure the IP address as an alias on the additional interface

Correct Answer: A

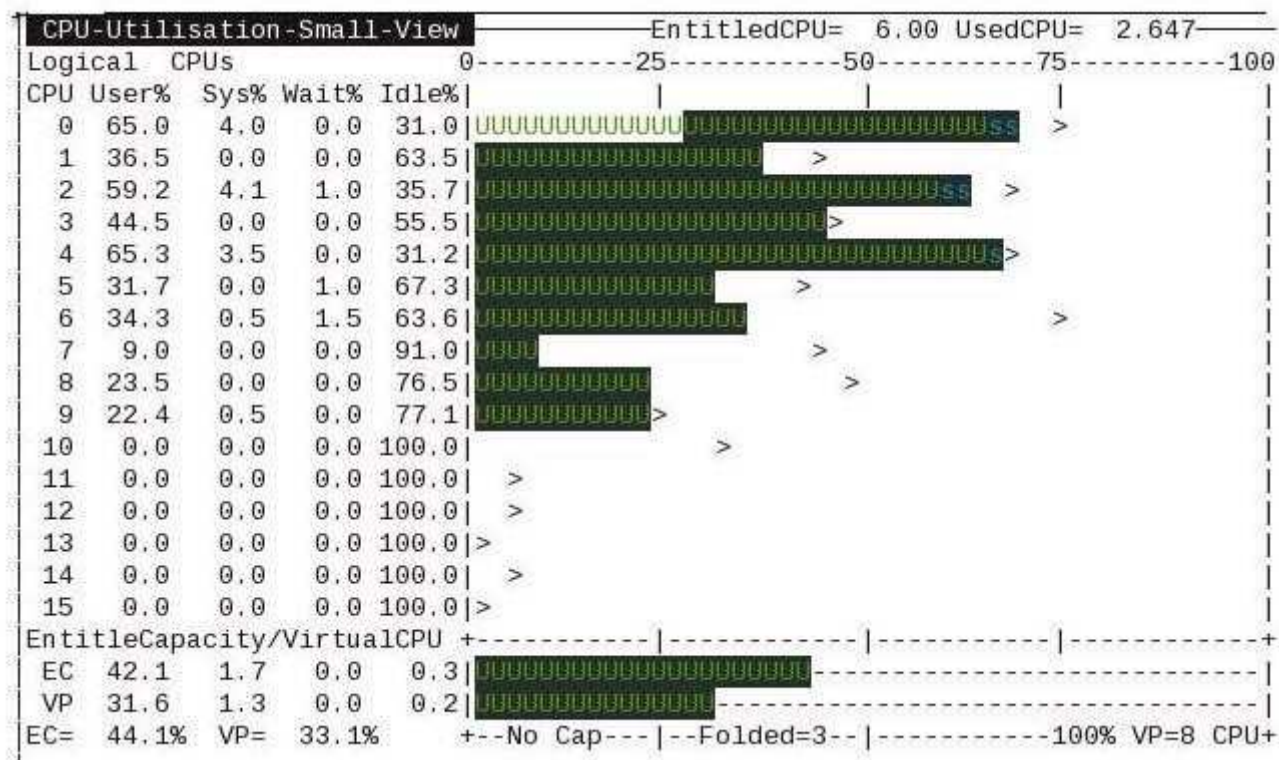
Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

The nmon output below illustrates typical load when the hosted application is running at peak times. What can be observed from the output?



- A. Entitled CPU allocation is set too high.
- B. Virtual processor allocation is set too low.
- C. Enabling SMT4 would improve performance.
- D. Processor folding is restricting available resources

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

An administrator needs to update both VIO Servers in a dual VIO Server environment Prior to updating the first VIO Server, what action should be taken on the vSCSI client partitions to ensure they have access to the disk hosted from the second VIO Server?

- A. Verify that the path to the disk is active using ispath.
- B. The map of the VIO Server environment must be verified with ismap.
- C. The secondary path must be manually redesignated as the primary using chpath.
- D. A snapshot of the disk on the first VIO Server must be compared with the second using viosbr.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

What is the purpose of using relative path names when creating a tar file?

- A. To allow the tar file to be used on Linux systems
- B. To ensure files are always extracted to a specific path
- C. To restore to a raw device name on the destination system
- D. To enable restored files to be extracted to any user-specified location

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

Consider the following information:

```
# lsvg rootvg
VOLUME GROUP:      rootvg          VG IDENTIFIER:
00f75bee00004c0000000135d69fbde2
VG STATE:          active          PP SIZE:          64 megabyte(s)
VG PERMISSION:     read/write      TOTAL PPs:        799 (51136 megabytes)
MAX LVs:           256             FREE PPs:         697 (44608 megabytes)
LVs:               12             USED PPs:         102 (6528 megabytes)
OPEN LVs:          11            QUORUM:           2 (Enabled)
TOTAL PVs:         1             VG DESCRIPTORS:   2
STALE PVs:         0            STALE PPs:        0
ACTIVE PVs:        1            AUTO ON:          yes
MAX PPs per VG:    32512          MAX PVs:          32
MAX PPs per PV:    1016          AUTO SYNC:        no
LTG size (Dynamic): 256 kilobyte(s) BB POLICY:        relocatable
HOT SPARE:         no            INFINITE RETRY:   no
PV RESTRICTION:    none
```

```
# df -k /
Filesystem      1024-blocks    Free %Used    Iused %Iused Mounted on
/dev/hd4         1310720       549972   59%      10098     8% /
```

How many 1024-blocks will / contain after this command is run?

```
chfs -a size=+1 /
```

- A. 1310721
- B. 1376256
- C. 1311744
- D. 1310784

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

After successfully mirroring rootvg using the mirrorvg command, why must the bosboot command be run against the introduced disk?

- A. To update the boot list held in NVRAM
- B. To record from which disk the system will boot
- C. To customize the bootrec of the newly mirrored drive
- D. To synchronize the boot record between the mirrored drives

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

Given the output below, what is the purpose of the ent5 and ent6 interfaces?

```
root@aix2: / # lsdev -Cc adapter
ent0      Available 07-08 2-Port 10/100/1000 Base-TX PCI-X Adapter (14108902)
ent1      Available 07-09 2-Port 10/100/1000 Base-TX PCI-X Adapter (14108902)
ent2      Available 09-08 2-Port 10/100/1000 Base-TX PCI-X Adapter (14108902)
ent3      Available 09-09 2-Port 10/100/1000 Base-TX PCI-X Adapter (14108902)
ent4      Available          EtherChannel / IEEE 802.3ad Link Aggregation
ent5      Available          VLAN
ent6      Available          VLAN
```

```
root@aix2: / # lsattr -El ent5
base_adapter  ent4 VLAN Base Adapter True
vlan_priority 0      VLAN Priority      True
vlan_tag_id   839  VLAN Tag ID      True
```

- A. Provides multiple logical networks using the IEEE 802.1 Q standard
- B. Monitors packet headers and creates the appropriate default routes
- C. Enables primary and backup EtherChannel adapter failover monitoring
- D. Allows the use of a IPv4 alias within the same subnet as the base adapter

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

Which of the following commands will display the current dump device settings?

- A. Iscfg-d
- B. Isdump -d
- C. sysdump -v
- D. sysdumpdev-l

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 100

What is the name given to the default paging space partition created during AIX installation?

- A. hd1
- B. hd5
- C. hd6
- D. hd7

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

After recovering the rootvg from a backup, how can an administrator determine which disks contain the DB2 volume group?

```
# lspv
hdisk0      00f6711d77695bbb   rootvg   active
hdisk1      00f6711d77696215   None
hdisk2      00f6711d7e34b601   None
hdisk3      00f6711d7e34b6c4   None
```

- A. Use the alt_disk_copy command to read the VGDA on the disk.
- B. Use the lspv command to show the logical volumes on the disk.
- C. Use the lqueryvg command to show the logical volumes on the disk.
- D. Use the lsvg command to display the volume group name on the disk

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

How can ssh access to an AIX 7 system be restricted to the 192.168.0.1/24 subnet?

- A. Add the service filter through RBAC with mkauth id=192.168.0.* ssh
- B. Add the following entry to the hosts.allow file: sshd : *@192.168.0.1/24
Add the following entry to the hosts.deny file: sshd : ALL
- C. Add the following entry to the /etc/ssh/sshd_config file: AllowUsers *@192.168.0.*
- D. Set AIXPert to High Level Security
Add the AIXPertGroup xml tag in /etc/security/aixpert/core to 22
Add the AIXPertArgs xml tag in /etc/security/aixpert/core to allow=*@192.168.0.* deny=all

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

An administrator needs to replace a failing hard disk, hdisk0, in a mirrored rootvg. After removing the mirror from hdisk0, the administrator cannot remove hdisk0 from the rootvg due to one logical volume still remaining on the failing hard disk, as described below.

How can this issue be resolved?


```
# lspv
hdisk0      00f6acc067ad4e25      rootvg      active
hdisk1      00f6acc05a31b174      rootvg      active

# lspv -l hdisk0
hdisk0:
LV NAME      LPs      PPs      DISTRIBUTION      MOUNT POINT
lg_dumplv    32       32       00..32..00..00..00      N/A
```

- A. migratepv hdisk0 hdisk1
- B. migrateiv lg_dumplv hdisk1
- C. mkivcopy lg_dumplv hdisk1
- D. mirrorvg -l lg_dumplv hdisk0 hdisk1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 104

How can an administrator configure the storage on an AIX system, with no single points of failure in the disk storage, for a database volume group?

- A. Assign virtual storage through a VIO Server.
- B. Configure two local SAS adapters and use RAID-1.
- C. Configure a local SAS adapter and use RAID-5 with a hot spare.
- D. Configure a 2-port HBA adapter with redundant paths to SAN storage.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

Which of the following is a requirement for a concurrent firmware update on a Power Systems server?

- A. The firmware must be upgraded to a new release.
- B. The Power Systems server must have a redundant FSP.
- C. The Power Systems server must be managed by an HMC.
- D. The primary partition must have all system resources assigned.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

Why has the following message returned when creating a NIM lpp_source from a the AIX 7100- 02-01 Service Pack?

```
# nim -o define -t lpp_source -a server=master -a
location=/export/lpp_source/aix7100-02-01 aix7100-02-01
Preparing to copy install images (this will take several minutes)...
```

Now checking for missing install images...

```
warning: 0042-267 c_mk_lpp_source: The defined lpp_source does not have the
"simages" attribute because one or more of the following
packages are missing:
```

```
    bos
    bos.net
    bos.diag
    bos.sysmgt
    bos.terminfo
    bos.terminfo.all.data
    devices.graphics
    devices.scsi
    devices.tty
```

- A. The lpp_source was not created using base media.
- B. A source repository was not included in the command.
- C. The bos.rte fileset was not included in the lpp_source.
- D. The simage attribute was not specified in the command

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 107

When migrating an LPAR utilizing Live Partition Mobility (LPM), which statement is correct?

- A. The source and destination systems must be managed by different HMC devices.
- B. The destination system must have the same virtual adapter slots free on its VIO Server as the source system.
- C. Physical disk attributes for backing devices must have the same reservation policy set on both source and target VIO Servers.
- D. LPARs with dedicated I/O adapters can be migrated using LPM, provided the same dedicated I/O adapters are available on the destination system.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

Based on the following topas output, what is the most cause for concern?

```

Tepas Monitor for host:
Wed Mar 13 13:25:20 2013 Interval: 2

CPU User% Kern% Wait% Idle% Physc Entc
ALL 84.1 15.2 0.2 0.5 8.71 435.3

Network KBPS I-Pack O-Pack KB-In KB-Out
Total 54.2K 12.3K 34.9K 6505.1 47.8K

Disk Busy% KBPS TPS KB-Read KB-Writ
Total 36.5 85.3K 1297.0 82.4K 2942.3

FileSystem KBPS TPS KB-Read KB-Writ
Total 106.4K 4.6K 103.5K 2.8K

Name PID CPU% PgSp Owner
java 28377216 35.3 1365.0 root
db2sysc 63766734 19.3 137.2 jazza01
java 22216794 8.5 998.2 root
db2sysc 17301742 7.5 425.3 jazza03
dsmc 65601560 4.4 22.2 root
db2sysc 58392796 1.0 285.0 jazza06
java 38666280 0.7 1026.2 root
java 27459688 0.5 674.8 root

EVENTS/QUEUES FILE/TTY
Cswitch 15319 Readch 103.3M
Syscall 66002 Writech 2860.5K
Reads 4662 Rawin 0
Writes 468 Ttyout 427
Forks 43 Igets 0
Execs 43 Namei 6779
Runqueue 14.6 Dirblk 0
Waitqueue 2.0

MEMORY
Real,MB 131072
% Comp 85
% Noncomp 14
% Client 14

PAGING SPACE
PageIn 10762 Size,MB 16384
PageOut 443 % Used 8
Sios 11205 % Free 92

NFS (calls/sec)
SerV2 0 WPAR Activ
CliV2 0 WPAR Total
SerV3 0 Press: "h"-help
CliV3 0 "q"-quit

```

- A. I/O Wait
- B. Paging activity
- C. CPU allocation
- D. Storage write latency

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

What optional AIX fileset must be installed to allow SFTP to be configured?

- A. bos.net.ipsec.rte
- B. bos.net.tcp.server
- C. openssh.base.server
- D. bos.net.ipsec.keymgt

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 110

How can ssh access for root be disabled?

- A. Remove the ssh line from /etc/inetd.conf.
- B. Set rlogin to false in /etc/security/user for root.
- C. Set PermitRootLogin to no in /etc/ssh/sshd_config.
- D. Set RootPasswordAuthentication to no in /etc/ssh/ssh_config

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 111

An LPAR is the Global Environment for a number of both Shared and Private System WPARs. An administrator migrated the LPAR from AIX 6.1 to 7.1. What action must be performed to ensure the functionality of all Shared WPARs?

- A. migwpar-A
- B. wparmig -all
- C. instaiip -w-s
- D. update_all-wpar

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 112

Which of the following statements is true about using crontab and at to execute tasks?

- A. Commands scheduled with crontab are executed by at.
- B. Both commands can be used to schedule a weekly task to run for a user.
- C. User access control for both commands can be managed with .deny files in \var/adm/cron.
- D. Both commands preserve the current environment, including the user ID and current working directory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 113

What is the purpose of the certify operation against a local disk drive?

- A. Formats the drive
- B. Erases the drive
- C. Verifies sector integrity
- D. Establishes device quorum

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

A system with multiple applications is experiencing bursts of activity. This drives the free pages list very low, resulting in increased wait times for applications.

Given the vmstat output below, what can be done to increase the number of free pages to compensate for these bursts of activity?

```
db2serv:/ # vmstat -v
33554432 memory pages
32552800 lruable pages
    106 free pages
     4 memory pools
2507104 pinned pages
  90.0 maxpin percentage
   3.0 minperm percentage
  95.0 maxperm percentage
 10.8 numperm percentage
3520502 file pages
   0.0 compressed percentage
   0 compressed pages
 10.7 numclient percentage
 95.0 maxclient percentage
3512039 client pages
   0 remote pageouts scheduled
  18 pending disk I/Os blocked with no pbuf
   0 paging space I/Os blocked with no psbuf
 2007 filesystem I/Os blocked with no fsbuf
   59 client filesystem I/Os blocked with no fsbuf
   0 external pager filesystem I/Os blocked with no fsbuf
  8.0 percentage of memory used for computational pages
```

- A. Increase the maxpin tunable.
- B. Increase the page space size.
- C. Increase the lru_file_repage setting.
- D. Increase the minfree and maxfree tunables

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 115

With regard to planned maintenance, which statement about interim fix management is correct?

- A. The interim fix must be manually committed prior to applying the updates.
- B. The interim fix will be automatically committed as part of the update process.
- C. If the fileset associated with interim fix will not be updated, it still needs to be temporarily rejected.
- D. If the updates include the official APAR, the update_all process will automatically uninstall the interim fix

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

An existing LPAR is configured with a vSCSI disk for a root volume group. An administrator is configuring NPIV to provide secondary storage to the partition. DLPAR operations are used to add the required client and server adapters to the client and VIO Server partitions. Once the NPIV adapters have been configured, what action should be taken against the client LPAR to ensure access to SAN storage is not compromised?

- A. Shutdown and reboot AIX.
- B. Shutdown and reactivate the profile.
- C. Save the current configuration to a profile.
- D. Add the physical WWVPN to the virtual device configuration.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 117

Consider the following screen capture.

The administrator needs to add 512 MB of space to the /db2/db2sp1 filesystem. What must be done before the administrator will be able to add this disk space to the filesystem?


```

$df -m /db2/db2sp1
Filesystem      MB blocks      Free %Used      Iused %Iused Mounted on
/dev/db2sp1      4096.00      1247.64    70%      14436       5% /db2/db2sp1

$lslv db2sp1
LOGICAL VOLUME:      db2sp1              VOLUME GROUP:      exevg
LV IDENTIFIER:      00c66d0200004c00000000121e74cafe9.1 PERMISSION:      read/write
VG STATE:          active/complete      LV STATE:          opened/syncd
TYPE:              jfs2                  WRITE VERIFY:      off
MAX LPs:           1024                  PP SIZE:           4 megabyte(s)
COPIES:            1                     SCHED POLICY:      parallel
LPs:               1024                  PPs:               1024
STALE PPs:         0                     BB POLICY:         relocatable
INTER-POLICY:      minimum               RELOCATABLE:       yes
INTRA-POLICY:      middle                 UPPER BOUND:       1024
MOUNT POINT:       /db2/db2sp1           LABEL:             /db2/db2sp1
MIRROR WRITE CONSISTENCY: on/ACTIVE
EACH LP COPY ON A SEPARATE PV?: yes
Serialize IO?:     NO
DEVICESTYPE:       DS_LVZ
COPY 1 MIRROR POOL: None
COPY 2 MIRROR POOL: None
COPY 3 MIRROR POOL: None

$lsvg exevg
VOLUME GROUP:      exevg              VG IDENTIFIER:      00c66d0200004c0000
000121e74cafe9
VG STATE:          active              PP SIZE:            4 megabyte(s)
VG PERMISSION:     read/write          TOTAL PPs:          21724 (86896 megab
ytes)
MAX LVs:           256                 FREE PPs:           195 (780 megabytes)
LVs:               9                   USED PPs:           21529 (86116 megab
ytes)
OPEN LVs:          9                   QUORUM:             2 (Enabled)
TOTAL PVs:         2                   VG DESCRIPTORS:     3
STALE PVs:         0                   STALE PPs:          0
ACTIVE PVs:        2                   AUTO ON:            yes
MAX PPs per VG:    32768               MAX PVs:            1024
LTG size (Dynamic): 256 kilobyte(s)    AUTO SYNC:          no
HOT SPARE:         no                  BB POLICY:          relocatable
PV RESTRICTION:    none

```

- A. Extend the upper bound of the logical volume.
- B. Increase the logical volume size first by 512 MB.
- C. Add another disk to the exevg volume group and migrate partitions.

D. Increase the number of logical partitions the logical volume can hold

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

What must be done to change the default AIX login screen, which is displayed before the login prompt, when a system is accessed using telnet?

- A. Add the desired text to the /etc/motd file.
- B. Edit the herald field in the /etc/security/login.cfg file.
- C. Update the MESH environment variable in /etc/environment.
- D. Add the LC_FASTMSG environment variable to /etc/profile.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

In addition to enabling remote command execution, which task highlighted in the graphic below must be visited to enable an administrator with hmcoperator permissions to run HMC commands from another server using ssh?

HMC Management (HMC Version)

Operations

View HMC Events	• View the event log of HMC operations and activities
Shut Down or Restart	• Shut down or restart the HMC
Schedule Operations	• Schedule selected operations for the HMC
Format Media	• Format a DVD, diskette, or USB flash memory device.
Back up HMC Data	• Back up HMC information to DVD, to a remote system, or to a remote site
Restore HMC Data	• Restore critical HMC data from a remote source
Save Upgrade Data	• Save upgrade data to the HMC hard drive or DVD
Change Network Settings ←	• View current network information and change settings
Test Network Connectivity	• View network diagnostic information about the network protocols for the HMC
View Network Topology	• View and ping nodes within the management console's network topology
Tip of the Day	• Display tips for using the console
View Licenses	• Read the licenses for the product
Change Default User Interface Settings	• Customize the default appearance of the HMC user interface
Change User Interface Settings	• Customize the appearance of the HMC user interface
Change Date and Time	• Change the date and time for the HMC
Launch Guided Setup Wizard	• Step through setting up your HMC users, passwords, network settings, and customer notification of problems

Administration

Change User Password	• Change your password
Manage User Profiles and Access	• Add, copy, remove, and modify HMC system users and user profiles
Manage Task and Resource Roles ←	• Add, copy, remove, and modify managed resource and task roles
Manage Users and Tasks	• View the logged on users and the tasks they are running
Manage Certificates	• Create, modify, delete, and import certificates used on the HMC, and view certificate signing information
Configure KDC	• Key Distribution Center Configuration
Configure LDAP	• Enterprise Directory Service Configuration
Remote Command Execution	• Enable or disable the command line interface on an HMC
Remote Virtual Terminal ←	• Enable or disable virtual terminal connections for remotely connected HMC sessions
Remote Operation ←	• Control whether this HMC can be operated using a web browser from a remote workstation
Change Language and Locale	• Change the HMC user interface language and locale
Create Welcome Text	• Customize the greeting displayed before logging on
Manage Data Replication	• Share customizable data between HMCs including custom group data, customer information, and more
Manage Install Resources	• Add and remove operating environment install image resources on the HMC

- A. "Change Network Settings" to open port 22
- B. "Remote Operation" to indicate that this HMC can be operated from a remote host
- C. "Remote Virtual Terminal" to enable virtual terminal connections for remotely connected HMC
- D. "Manage Task and Resource Roles" to give the hmcoperator task role permission to ssh to the HMC from a remote host

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

What are the three basic elements of RBAC in AIX?

- A. Groups, Keys and Access
- B. Keys, Privileges and Groups
- C. Users, Groups and KeyStore
- D. Roles, Privileges and Authorizations

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 121

What is the minimum number of processing units which can be specified in the LPAR profile of an AIX LPAR hosted on a POWER7 server?

- A. 0.1
- B. 0.05
- C. 0.01
- D. 1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 122

An administrator changed the hostname of a system from dbtest.company.com to dbprod.company.com using SMIT. The new entry in /etc/hosts is:

```
192.168.56.100 dbprod.company.com
```

When the administrator issued the host command, the following result was observed.

```
#> host dbprod
```

```
host: 0827-801 Host name dbprod does not exist.
```

```
#> host 192.168.56.100
```

```
dbtest.company.com is 192.168.56.100
```

Until DNS records can be updated, which action will allow the host command to return the correct name and IP address?

- A. Modify/etc/nsswitch.conf and set hosts: files dns
- B. Modify/etc/resolv.conf and specify the new nameserver
- C. Modify/etc/netsvc.conf and set hosts = local, bind
- D. Modify/etc/mrouted.conf and add: dbprod "dbprod" +192.168.56.100

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 123

Based on the following graphic, which physical adapter services fcs2?

- A. fcs2 on vio1
- B. fcs2 on vio2
- C. fcs6 on viol
- D. fcs6 on vio2

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 124

The following information has been reported in an AIX error log:

```
LABEL:      DMPCHK_NOSPACE
IDENTIFIER:  F89FB899
Date/Time:   Mon 22 Aug 15:00:01 2011
Sequence Number: 6
Machine Id:  00E65BECF00
Node Id:     lpar1
Class:       O
Type:        PEND
WPAR:        Global
```

Resource Name: dumpcheck

Description

The copy directory is too small.

Probable Causes

There is not enough free space in the file system containing the copy directory to accommodate the dump.

Recommended Actions

Increase the size of that file system.

Detail Data

File system name

/var/adm/ras

Current free space in kb 119740

Current estimated dump size in kb 271564



<http://www.gratisexam.com/>

How can the administrator prevent the error from reoccurring?

- A. Create a secondary dump device greater than 266MB
- B. Increase primary dump device size greater than 266MB
- C. Increase /var" file system to ensure it has a minimum of 266MB free space
- D. Increase "/var/adm/ras/livedump" file system to ensure it has a minimum of 266MB free space

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 125

What is the difference between deferred and concurrent firmware updates?

- A. Deferred firmware can be applied concurrently but contains updates that affect the internal program load path, which are not activated until the next time the server is shut down and restarted.
- B. Concurrent firmware must be done on all LPARs in the frame at the same time. Deferred firmware can be loaded on each LPAR at a different time and only becomes active when the LPAR is shutdown and restarted.
- C. Deferred firmware can only be applied during an outage to the managed system as it will automatically shut the managed system down during its installation.
- D. Concurrent firmware is only for minor fixes to the system microcode while deferred firmware contains major fixes to the service processor.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 126

A host has a single virtual Ethernet adapter (ent0) configured with only a default PVID, and the administrator is trying to determine why it cannot be used to reach any other system on the network. He suspects that it may be caused by a problem in the VLAN configuration.

How would the administrator determine the VLAN for which the adapter was configured?

- A. Use the command 'lsdev -l ent0' on the host to determine the port VLAN ID.
- B. Use the command 'lsattr -El ent0' on the host to determine the port VLAN ID.
- C. Look on the HMC to determine which VLAN is configured for the adapter.
- D. Examine the Shared Ethernet Adapter on the Virtual I/O Server to determine which VLAN the adapter is using.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

How can an administrator disable Role Based Access Control (RBAC) in a WPAR?

- A. Run `chattr -E -l sys0 -a enhanced_RBAC=false`
Reboot the WPAR
- B. Run the RBAC wizard and deselect 'Enable RBAC'
Reboot the system
- C. Run `chdev -l mywpar -a enhanced_RBAC=false`
Reboot the Global Environment
- D. Run `chwpar -a RBAC=false`
Reboot the WPAR

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 128

After performing a NIM rte install, the administrator noticed that not all filesets are at the correct Technology Level (TL). What action will help the administrator

determine why the inconsistent fileset levels were installed?

- A. On the NIM server, run an lppchk to identify if the Software Vital Product Data is valid.
- B. On the NIM client, run oslevel command against the TL to identify missing prerequisites.
- C. Run instfix command on NIM client to determine what filesets are inconsistent.
- D. On the NIM server run the NIM lspp command to identify downlevel filesets contained in the lpp_source.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 129

What is a requirement for Live Partition Mobility?

- A. The network and disk must be virtual.
- B. The disk must be virtual and a Logical Host Ethernet Adapter (LHEA) for network.
- C. The client partition must be connected to a SAN.
- D. The client partition must be set up as a 'Mover Service Partition'.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 130

Which technology provides the maximum amount of usable storage and resilience for a system with 6 physical volumes?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 131

An LPAR is configured with strict logical volume mirroring across two disks for resilience. The administrator would like to ensure if one disk fails the volume group stays online. Which command will ensure that the datavg volume group stays online?

- A. varyonvg -n datavg
- B. mirrorvg-Q-c 2 datavg
- C. mklvcopy -e m -s y (each logical volume name) 2
- D. chvg -Qn datavg

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 132

New change control procedures dictate that system maintenance windows be shown to each user after logging into the system using ssh or telnet. Updating which file or files will accomplish this task?

- A. The message of the day file
- B. The user default attributes file
- C. User and admin system alert files
- D. The var daily message files

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 133

What option will boot an LPAR directly from DVD media, without any user interaction required, when starting the LPAR from the Hardware Management Console (HMC)?

- A. Normal
- B. Diagnostic with default boot list
- C. System management services
- D. Open firmware OK prompt

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 134

An administrator needs to list/query the security attributes for the WPAR syswpar1. Which command will do this?

- A. lssecattr-W syswpar1
- B. lssecconf-w syswpar1
- C. lsattr-s syswpar1
- D. lswpar-S syswpar1

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 135

AIX has been installed on an LPAR with 32 GB of memory. What should be checked first, before increasing the paging space beyond the default 512MB?

- A. The maximum memory attribute in the LPAR profile.
- B. Quantity and size of hosted filesystems.
- C. Disk device distribution and utilization.
- D. Paging requirements of applications that will be hosted.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 136

Which of the following is an AIX 7 Cluster Aware feature?

- A. Cluster application load balancing
- B. Cluster shared volume groups on the shared disk
- C. Cluster IP addresses on the shared resource
- D. Cluster configurations on the cluster repository disk

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 137

Which TWO groups of actions will create a CDROM file system for device cd0 and mount this on /cdfs? (Select 2)

- A. cdutil-s-kcd0/cdfs
mount /cdfs
- B. Define cd0 mount point as /cdfs in file /etc/cdromd.conf startsrc -s cdromd
cdmount cd0
- C. Define cd0 mount point as /cdfs in /etc/filesystems as vfs type jfs2 mount /cdfs
- D. crfs-vcdrfs-pro-d'cd0'-mVcdfs'
mount /cdfs
- E. mkfs-v/cdfs/dev/cd0
mount /cdfs

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 138

How can an administrator enable the Workload Partitions Manager feature after AIX 7 has been installed with the default options?

- A. Change AIX License using chlicense -l command
- B. Change AIX edition using chedition -e command
- C. Change WPAR License using chwpar -l command
- D. Change WPAR edition using chwpar-e command

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 139

The cfgmgr command appears to be taking an excessive time to complete. The administrator was able to quit the command and return to the command prompt. The administrator does not have access to the managing HMC and unable to check for any LED codes. How else can the cause of the observed delay be determined?

- A. Review the latest entry within /var/log/cfgdb.out.
- B. Start the syslog daemon before re-issuing the command.
- C. Re-issue the command with the W flag.
- D. Initiate the ledmon command from a separate session, then re-issue cfgmgr.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 140

Which AIX command will display the virtual SCSI slot number that is the parent of hdisk0?

- A. lsdev
- B. lscfg

- C. Isattr
- D. Ismap

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 141

An administrator plans to duplicate the active rootvg on a given system to a spare disk that will be migrated to newer hardware. Which flag on 'alt_disk_copy' must be used to reset user-defined device configurations to defaults?

- A. X
- B. R
- C. O
- D. D

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 142

Before changing virtual memory settings, how can an administrator check the valid range of values for a tuning parameter?

- A. Iscfg-T
- B. Isattr-R
- C. vmtune-l
- D. vmo-L

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 143

What are key considerations when planning for Live Application Mobility?

- A. The WPAR is an Application WPAR and both global environments are at the same AIX level
- B. That the WPAR is checkpointable and both global environments are on the same subnet
- C. The NFS services are running and applications are stopped
- D. The NFS services are running and there is an HMC attached to both managed systems

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 144

What action does the following command perform for a new AIX hdisk, hdisk1 ?

```
chdev -l hdisk1 -a pv=yes
```

- A. Makes the disk available for use
- B. Changes the existing pvid on the disk to Yes'
- C. Sets the physical volume identifier
- D. Clears volume group locks
- E. Resets the volume group descriptor area

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 145

A physical LPAR has a failed Fibre Channel adapter, which was providing redundant SAN access. What is a prerequisite for using the Replace/Remove task of the PCI Hot Plug Manager?

- A. Verify HMC RMC connectivity.
- B. Unconfigure the adapter and child devices.
- C. Make sure a spare adapter slot is available.
- D. Provide additional SAN cabling.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 146

On AIX 7, which command will list a summary of the issues detected by Electronic Service Agent?

- A. esacli errpt
- B. esacli problem
- C. esacli status
- D. esacli activity

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 147

An administrator needs to limit the size of the filesystem cache. Which tuning parameters need to be adjusted?

- A. minfree and maxfree
- B. minperm and maxperm
- C. minfreemem and maxfreemem
- D. minpgahead and maxpgahead
- E. sb_min and sb_max

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 148

An administrator notices that the ntp group subsystem is not starting up at boot time. What will cause this issue?

- A. The /etc/ntp.conf file has the following line commented out broadcastserver
- B. The following line is commented out in the /etc/inetd.conf file:
ntp 123/tcp # Network Time Protocol
- C. The following line is commented out of the /etc/inittab file:
xntpd: 23456789: respawn:/usr/sbin/xntpd > /dev/console 2>&1 #Start ntp daemon
- D. The /etc/rc.tcpip file has the following line commented out:
start /usr/sbin/xntpd "\$src_running"

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 149

An administrator is required to implement resource control for a running system WPAR called 'skippy'. Which flag of the chwpas command will set the CPU Resource control limits for this WPAR to a minimum of 8%, a desired of 35% and a maximum of 45%?

- A. chwpas -c CPU=8%-35%,45% skippy
- B. chwpas-R CPU=8%-35%,45% skippy
- C. chwpas-L CPU=8%-35%,45% skippy
- D. chwpas-r PROC=8%-35%,45% skippy

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 150

Name resolution is not working on a given LPAR. Considering the observed behavior and configuration of /etc/resolv.conf, what is the most likely resolution?

```
# cat /etc/resolv.conf
nameserver nameserver1.ying.ibm.com
nameserver 10.20.145.2
search     ying.ibm.com yang.ibm.com
domain     ying.ibm.com
# nslookup w7
Server:    10.20.145.2
Address:   10.20.145.2#53

** server can't find w7: NXDOMAIN
# nslookup w7.yang.ibm.com
Server:    10.20.145.2
Address:   10.20.145.2#53

w7.yang.ibm.com canonical name = w7.yang.ibm.com
Name:      w7.yang.ibm.com
Address: 10.21.147.10
# nslookup nameserver1.ying.ibm.com
Server:    10.20.145.2
Address:   10.20.145.2#53

nameserver1.ying.ibm.com canonical name = nameserver1.ying.ibm.com
Name:      nameserver1.ying.ibm.com
Address: 10.20.145.1
```

- A. Correct the definition of nameserver1.
- B. Remove the domain line.
- C. Verify the syntax in /etc/netsvc.conf.
- D. Move the search definition to the beginning of the file

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 151

Which configuration will provide an LPAR maximum network resilience and performance with two Ethernet adapters?

- A. Configure both Ethernet adapters as IEEE 802.3ad link Aggregated with src_dst_port mode
- B. Configure EtherChannel using Internet Protocol over InfiniBand (IPoIB) with 64K TCP/IP MTU 64K Superpacket
- C. Configure EtherChannel with one Ethernet adapter as primary adapter & one as backup with hash mode roundrobin
- D. Configure both adapters with Quality of Server (QoS) adapters and configure virtual IP address on interfaces

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 152

What is required for a volume group to be eligible for automatic Geographic Logical Volume Mirroring (GLVM) mirroring?



<http://www.gratisexam.com/>

- A. The volume group must be created as a Scalable Volume Group.
- B. The volume group must be managed by Cluster Aware AIX.
- C. The volume group must be concurrent capable.
- D. The volume group has at least two LVM mirror pools defined.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 153

Within a Perl script, how can the output of the hostname command be assigned to a variable called myHostname?

- A. `chopmyHostname='hostname -s 2>/dev/null')`
- B. `chop($myHostname=%hostname -s 2>/dev/nuir);`
- C. `$myHostname=7usr/bin/hostname".`
- D. `chomp(@myHostname-hostname -s 2>/dev/null');`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 154

A system dump has been initiated on an LPAR and LED code "0c1" is displayed, indicating an I/O error. Where can the administrator find out more about this error?

- A. The HMC Service Guide
- B. The AIX Version 7.1 Commands Reference
- C. HMC Event Log
- D. IBM's Fix Central under Power Systems LED support page

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 155

Given the following characteristics, tuning which resource will provide the greatest benefit? CPU=80% busy

Physical Memory=90% used

Disks=80% busy

Network=80% used

Filesystemsare90%full.

- A. Memory

- B. Network
- C. Disks
- D. Filesystems

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 156

The system administrator ran the following command to backup his image repository, but nothing was backed up to the file. Why?

```
find /media -print | backup -l-f-p /dev/rmt0
```

- A. The block size was not specified.
- B. The files in the directory are larger than 2GB.
- C. The tape was not positioned the beginning of the tape.
- D. The tape was not formatted.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 157

An administrator created logical volume fs01l to contain a JFS2 file system. When trying to create the filesystem the crfs command gives an error. Given the following logical volume definition, which action will correct the error?

LOGICAL VOLUME:	fs01lv	VOLUME GROUP:	rootvg
LV IDENTIFIER:	000a8a920000d90000000012f7a1f1ce9.14	PERMISSION:	read/write
VG STATE:	active/complete	LV STATE:	closed/syncd
TYPE:	jfs	WRITE VERIFY:	off
MAX LPs:	512	PP SIZE:	512 megabyte(s)
COPIES:	1	SCHED POLICY:	parallel
LPs:	5	PPs:	5
STALE PPs:	0	BB POLICY:	relocatable
INTER-POLICY:	minimum	RELOCATABLE:	yes
INTRA-POLICY:	middle	UPPER BOUND:	32
MOUNT POINT:	N/A	LABEL:	None
MIRROR WRITE CONSISTENCY:	on/ACTIVE		
EACH LP COPY ON A SEPARATE PV ?:	yes		
Serialize IO ?:	NO		

- A. crfs -vjfs2 -m /fs01 -d /dev/fs01lv
- B. mklv-tjfs2-yfs01lvrootvg5
- C. chdev-lfs01lv-atype=jfs2
- D. chlv-tjfs2fs01lv

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 158

An administrator has logged in as root but is unable to run the ksh script named rperf. Given the following information, how could this be fixed?

```
# ls -l
total 64
-rw-r--r-- 1 root system 1165 Sep 18 23:22 errpt_notify
-r--r--r-- 1 bin bin 622 Sep 18 23:22 lsc
-rwx-----T 1 538804364 staff 343 Sep 18 23:22 rootvg_size_check
-rw-r--r-- 1 nobody staff 13662 Sep 18 23:22 rperf
-rwx----- 1 root staff 55 Sep 18 23:22 ssh
#
```

- A. Change the parent directory to be executable
- B. Change the owner of the script to root
- C. Change the file to be of extension ksh
- D. Change the permissions to 700

Correct Answer: D

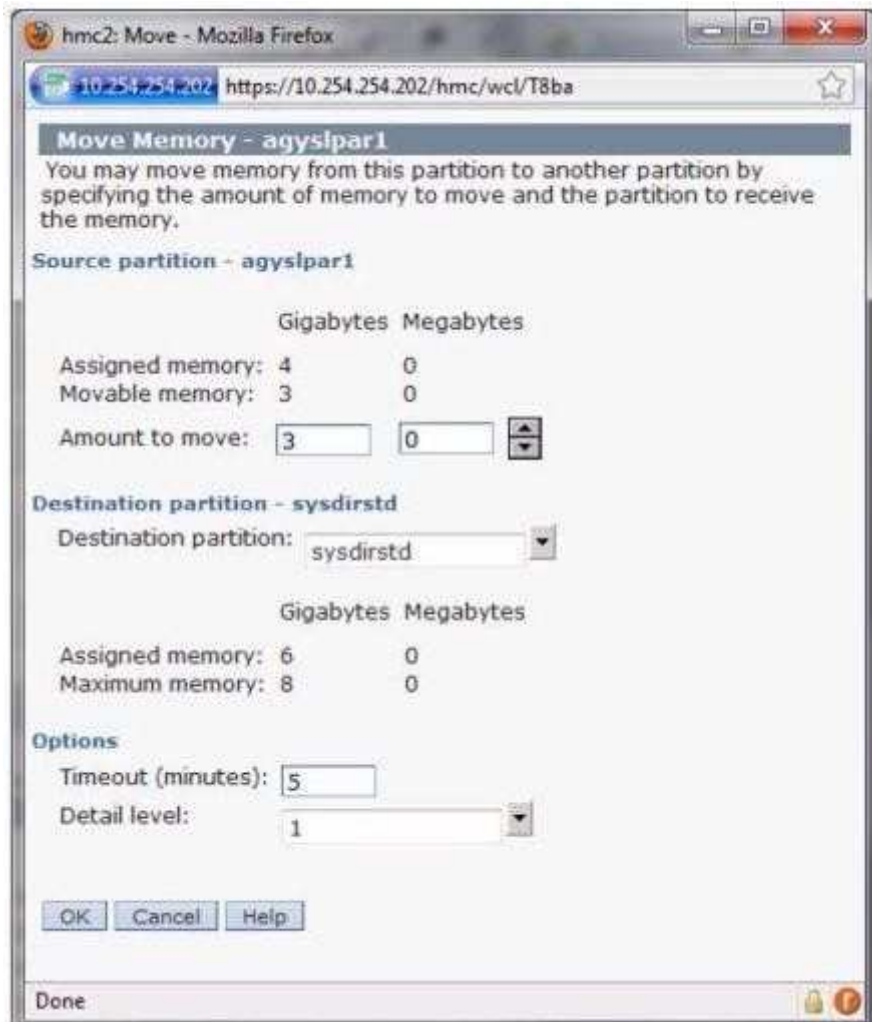
Section: (none)

Explanation

Explanation/Reference:

QUESTION 159

A DLPAR memory operation was attempted and failed. Given the following information, what is the likely caused



- A. Source LPAR is using all of its allocated memory
- B. Operation timed out
- C. Destination LPAR maximum memory setting is too low.
- D. HMC RMC daemons are not communicating properly to the source
- E. Source LPAR minimum memory setting is too high.

F. Source LPAR maximum memory setting is too low.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 160

Prior to performing a firmware upgrade on a POWER7 system managed by an HMC, which additional component needs to be verified?

- A. HMC firmware level using the IBM Power code matrix website
- B. Available disk space on HMC.
- C. Remote Command Execution capability on the HMC.
- D. Inventory Scout ports allowed on HMC firewall.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Corrected.

QUESTION 161

An administrator wants to create a filesystem with a specific logical volume name, disk location, and disk placement. Which pair of commands will allow these attributes to be set during filesystem creation?

- A. crfs followed by chvg
- B. crlv followed by mkfs
- C. mkfs followed by chfs
- D. mklv followed by crfs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 162

In addition to an available DVD drive and 5GB disk space, what are the minimum server and LPAR requirements to install AIX 7.1 from DVD media?

- A. IBM PowerPC 970, POWER4, POWER5, POWER6 or POWER7 Server 512MB Memory
- B. IBM PowerPC 970, POWER4, POWER5, POWER6 or POWER7 Server 1024MB Memory
- C. IBM POWER4, POWER5, POWER6 or POWER7 Server 512MB Memory
- D. IBM POWER4, POWER5, POWER6 or POWER7 Server 1024MB Memory 3015

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 163

A POWER5 520 system is being cloned onto a Power 780. The source system is on internal disks, and the vg01 volume group is mirrored. After installing AIX, which sequence of actions will recreate the vg01 volume group and restore data on the new system?

- A. Have all the applications shut down.
Create a backup of each filesystem to an NFS mount using the backup command.
Restore the filesystem backups with the restorevgfiles command.
- B. Create a backup onto an NFS server using the mksysb command and referencing the correct data volume group Restore the backup of vg01 with the smit fast path smit restmksysb.
- C. Have all applications shut down.
Use the savevg command to create a backup of the data volume group to an NFS mount.
Restore the savevg on the clone system with the restvg command.
- D. Shut down all application running from the data volume group.
Run the cpio command to write the file to a local NFS server.
Restore command with the backup to recreate vg01.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 164

What TWO situations require a Systems Director Management Console (SDMC) instead of a Hardware Management Console (HMC)?
(Select 2)

- A. Managing POWER5, POWER6 and POWER7 servers from one interface.
- B. Creating automation plans that perform specific functions on a given event.
- C. Implementing Active Memory Sharing (AMS).
- D. Utilizing Integrated Virtualization Manager (IVM) to manage Power Systems blades.
- E. Managing Power Blades and Power Systems standalone servers from one interface.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 165

What is a mandatory requirement to allow an AIX 7-based NIM Master to install clients over IPv6?

- A. The NIM Master must use static IPv6 addresses.
- B. The NIM Master must have both IPv4 and IPv6 connectivity.
- C. The NIM Master must be installed with the AIX Enterprise Edition license.
- D. The NIM Master must be running at least AIX 7.1 TLOO Service Pack3 or later.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 166

What infrastructure is necessary to support update installation to an existing IVM instance?

- A. Hardware Management Console
- B. Systems Director Management Console
- C. IBM Systems Director
- D. Network Install Manager

E. Cluster Systems Manager

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 167

What is the purpose of the virtual media repository on the VIO Server?

- A. To store resources for use by the NIM server
- B. To store backups of the VIO Server
- C. To store images for use by VIO Clients
- D. To store images for use by VIO Servers

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 168

A system that will be re-installed has the following characteristics:

\$ lspv			
hdisk0	00c9d4cf1c892c4c	rootvg	active
hdisk1	0006bf1c3d81743b	None	
hdisk2	0006bf1c3d817913	None	
hdisk3	0006bf1c3e20e9f5	None	

If the following target_disk_data stanza is defined in the bosinst.data file used for the install, which disk will be installed with the operating system? target_disk_data:
LOCATION = 0006bf1c3d817913
SIZE_MB =
HDISKNAME = hdisk1

- A. hdisk0
- B. hdisk1
- C. hdisk2
- D. hdisk3

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Modified.

QUESTION 169

A mirrored rootvg internal disk, hdisk1, has failed and must be replaced. The remaining mirrored disk, hdisk0, is intact and functioning normally. What is the correct sequence of actions?

- A. unmirrorvg rootvg hdisk1
reducevg rootvg hdisk1
rmdev -l hdisk1 -d
physically replace hdisk1
cfgmgr
extendvg rootvg hdisk1
mirrorvg rootvg
Run a bosboot on both disks
- B. rmdev-l hdisk1 -d
physically replace hdisk1
cfgmgr
unmirrorvg rootvg hdisk1
reducevg rootvg hdisk1
extendvg rootvg hdisk1
mirrorvg rootvg
Run a bosboot on both disks
- C. unmirrorvg rootvg hdisk1
rmdev-l hdisk1 -d
physically replace hdisk1
reducevg rootvg hdisk1
cfgmgr
extendvg rootvg hdisk1
mirrorvg rootvg
Run a bosboot on both disks

- D. unmirroivg rootvg hdisk1
reducevg rootvg hdisk1
rmdev -l hdisk1 -d
physically replace hdisk1
cfgmgr
extendvg rootvg hdisk1
Run a bosboot on both disks
mirrorvg rootvg

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 170

A customer wants to run seven AIX 7.1 partitions in a virtualized environment. The server is a 20-core S822, with 128GB of memory.

Which of the following I/O adapter combinations satisfies the requirement?

- A. (4) PCIe4-port 1GbE
(4) PCIg-4x 2-port 8Gb Fibre Channel
- B. (4) PCIe4-port 1GbE
(4) PCIe LP 8Gb 2-port Fibre Channel
- C. (4) PCIe-2 LP 4-port 1 GbE
(4) PCIe-2 LP 8Gb 2-port Fibre Channel
- D. (4) PCIe LP 4-port 1 GbE
(4) PCIe-4x 2-port 8Gb Fibre Channel

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Corrected.

QUESTION 171

Which of the following is open source software that hosts the virtual machines on a KVM hypervisor?

- A. QEMU
- B. OPAL
- C. PHYP
- D. CAPI

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 172

What supports the Easy Tier function for an S822?

- A. (8) drives with a split backplane
- B. (12) drives with a split backplane
- C. (8) drives with a second SAS controller
- D. (12) drives without split backplane

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&appname=gpatteam&supplier=897&letternum=ENUS114>

QUESTION 173

What provides a comparison of Power Systems to competitors for applications?

- A. SPECint
- B. RPE2
- C. SPECfp
- D. TPM

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 174**

A customer wants to consolidate AIX, Linux and IBM i workloads. They are also thinking about Analytic applications and a small-to-mid-size database. Which of the following servers satisfies the customer's requirements?

- A. S822L
- B. S822
- C. S812
- D. S824

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 175**

Which tape backup option is supported for migration from a POWER6 520 with a SCSI attached external LTO-3 tape drive to a POWER8 S814, and is read compatible with LTO-3?

- A. Migrate the SCSI adapter to the S814 and attach it to an existing LTO-3 tape drive.
- B. Add an SAS adapter and external LTO-5 tape drive.
- C. Add an internal LTO-4 tape drive in the CEC.
- D. Add an SAS adapter and external LTO-6 tape drive.

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:**

Answer is 100% valid.

QUESTION 176

Which feature is recommended to move memory resources from one LPAR to another?

- A. Dynamic LPAR operation
- B. Active Memory Sharing
- C. Active Memory Expansion
- D. Live Partition Mobility

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 177

Which of the following statements is true regarding CAPI?

- A. CAP1 allows for adapters like FPGAs and GPUs to bypass the CPU and access the memory directly, allowing for faster data access and reduced CPU utilization
- B. CAPI enabled servers use general purpose accelerators that increase the processor clock without compromising stability and RAS.
- C. CAPI allows supported third party CPUs (Oracle, Intel, AMD, etc.) to be installed to speed up processing of specific workloads such as big data, compression or Java.
- D. CAPI is designed for High-Performance Computing only. Commercial workloads cannot benefit from CAPI acceleration

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 178

An administrator saved a change to the active profile of an LPAR. When will the change take effect?

- A. Immediately after the profile is saved
- B. When the admin reboots the LPAR from within AIX
- C. When the Rebuild Managed System task completes
- D. When the LPAR is shutdown and the profile is activated from the HMC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 179

With regard to GLVM mirroring, which of the following is a true statement?

- A. Mirrored locations are limited to being 254 miles apart
- B. Data mirroring is performed over standard TCP/IP networks
- C. GLVM requires any hosted database applications to be mirror-tolerant.
- D. Production and backup sites must use the exact same model of IBM Power System server

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 180

A customer wants to move from an IBM Power 740 to an IBM Power S824.
The 740 contains:

- (4) disks in the CEC
- (10) disks in a FC #5802 (I/O drawer with disks)
- (12) disks in a EXP12S
- (24) disks in a EXP24S How many disks can be reused with the S824'?

How many disks can be reused with the S824?

- A. 14
- B. 38
- C. 28
- D. 24

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 181

A customer wants to install a POWER8 tower system at a remote site. The system will run Red Hat Linux.

Which system is the best option for the requirement?

- A. S812L
- B. S822L
- C. S824
- D. S814

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 182

A customer would like to consolidate their five AIX servers to one S822 server, in a virtual environment with two VIO Servers for boot drives.

What is the minimum requirement?

- A. IVM
- B. ASMI
- C. PuTTY
- D. HMC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 183

What does the numeral "4" represent in a model S824?

- A. The number of power supplies
- B. The number of installed cores
- C. The number of PCIe slots
- D. The number of rack EIA units.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 184

A customer wants to use SAN FlashCopy with Geographic Mirroring to synchronize an IBM i application between two sites. It is required that the application can be halted and moved to the remote system without disrupting other applications.

Which of the following describes a required application characteristic to support these requirements?

- A. The application code and data must reside in an IBM i user Auxiliary Storage Pool (ASP).
- B. All the application data objects must be defined to remote journaling.
- C. The application code and data must reside in the IBM i system Auxiliary Storage Pool (ASP).
- D. The application code and data must reside in an IBM i Independent Auxiliary Storage Pool (ASP).

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Answer is Updated.

QUESTION 185

Which command will show the status of Geographically Mirrored Volume Groups?

- A. gmvstat
- B. geovgstat
- C. lsglvm
- D. listgm

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 186

An administrator is removing a failed disk from a mirrored rootvg volume group. A message directed the administrator to run the `chpv -c` command. The administrator ran this command against the last available disk in rootvg.

What is the result of performing this action?

- A. The failed drive is removed from the bootlist.
- B. The boot record was removed from the system.
- C. The `ipldevice` was re-linked to the available disk device name.
- D. The boot record was updated with the available disk information.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 187

When creating a new user id, an administrator encounters the following error message:

```
aixsystem:/home/root# mkuser newuserid  
3004-694 Error adding "newuserid": Name is too long.
```

Running which of the following commands will cause the `mkuser newuserid` command to complete successfully?

- A. `chdev -l sys0 -a max_logname=10;shutdown -Fr now`
- B. `chsec -f/etc/security/login.cfg -s default -a max_logname=10`
- C. `chsec -f/etc/security/login.cfg -s default -a pwd_algorithm=sha512`
- D. `chsec -f/usr/lib/security/mkuser.default -s default -a loginlength=10`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 188

An administrator receives the following error message when attempting to extend a volume group with an additional disk:

0516-1162 extendvg : the Physical Partition size of 256 requires the creation of 1026 partitions for hdisk2. The limitation for volume group rootvg is 1024 physical partitions per physical volume. Use the chvg command with the -t option to attempt to change the maximum Physical Partitions per Physical volume for this volume group.

While the use of the -t option may allow the administrator to successfully extend the volume group, what other effect will using this option have?

- A. The boot logical volume would be recreated.
- B. The volume group would need to be varied off to apply the change.
- C. Mirroring would be removed from all logical volumes within the volume group
- D. The number of physical volumes allowed in the volume group will be reduced

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 189

A customer wants to save on IBM i licensing costs:

They have three configurable processors and one IBM i license.

LPAR1 is running IBM i with .5 CPU

LPAR2 is running IBM i with .5 CPU

LPAR3 is running AIX with 1 CPU

All of the LPARs are uncapped.

They want to limit the IBM i LPARs to using one core.

How can the customer enforce the limit and save on their IBM i licensing costs?

- A. Put the IBM i LPARs in a shared processor pool with one core.
- B. Put the AIX LPAR in a shared processor pool with one core.
- C. Set the entitlement of each IBM i LPAR to "one"
- D. Change the AIX partition to have .5 CPU entitlement.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 190

What is the main function of the POWER8 CAPI feature?

- A. It improves memory bandwidth.
- B. It improves cache coherency.
- C. It increases the clock frequency speed.
- D. It connects auxiliary processors such as GPUs.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 191

Which of the following features are unique to PowerKVM ?

- A. vTPM
- B. SR-IOV
- C. Support Ubuntu
- D. Factory Integration Linux

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 192

A client is considering hardware platforms for their Hadoop implementation.



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Which of the following is an advantage of a Power Systems solution over an x86 solution for then implementation?

- A. Support for two copies of data
- B. Support for the Hadoop File Placement Optimizer
- C. Support for IBM Elastic Storage
- D. Built-in High Speed Cluster Interconnect

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 193

Which of the following RAS features, previously available only on POWER 7+ midrange and enterprise systems is now available on POWER8 scale-out servers?

- A. Active Memory Mirroring, which maintains two identical copies of the Power Hypervisor in memory at all times.
- B. A redundant Service Processor with the ability to dynamically fail over from the primary service processor to a secondary for solid service processor fault.
- C. An on-chip controller on the processor module, which handles Power Management and Thermal Monitoring without a need for a separate controller.
- D. Active Memory Sharing, which can be exploited to increase memory utilization on the system by decreasing the system memory requirement.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 194

Which Power Systems tool uses published benchmark data to create a simple cost comparison between Scale-out and x86 servers?

- A. Quick Reference Tool
- B. Workload Estimator Tool
- C. TCA-TCO Seller Tool
- D. Server Consolidation Tool

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 195

Which power option is provided with the S822?

- A. (1)1400 Watt 200-240 Volt

- B. (2) 1400 Watt 200-240 Volt
- C. (2)1400 Watt 125-240 Volt
- D. (1)1400 Watt 125-240 Volt

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 196

A customer will be consolidating a number of IBM i and AIX partitions from several older servers onto an existing S824. These partitions are parts of various operating groups within the customer and require connectivity to various private networks and network redundancy. The server utilizes SAN Storage and dual VIO Server partitions.

Which solution satisfies the customer's requirements?

- A. Add two additional VIO Server partitions each with a quad port Ethernet card. Create an SEA in VIO Server to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority.
- B. Utilize two of the IBM i Partitions to bridge to the outside. Attach a quad port Ethernet IOA to each partition and bridge the ports to internal VLANs needed by the guest partitions.
- C. Add two SR-IOV capable Ethernet adapters. Allocate each of them to the partitions and create the connections to the correct VLANs as needed.
- D. In the existing VIO Server partitions, add a quad port Ethernet card. Create an SEA in VIOS to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 197

Which of the following statements correctly describes a difference between the S814 and S824?

- A. The S814 is a tower server and the S824 can be either a tower or rackmounted server.
- B. The S814 has one socket and the S824 has up to two sockets.

- C. The S814 can have one or two sockets and the S824 has four sockets.
- D. The S814 uses 1U of rack space and the S824 uses 2U of rack space.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 198

A customer wants to be able to automatically failover their Power System nodes that are running AIX in the event of a disaster. The customer will place the servers in No data centers that are in different geographies

Which IBM product will satisfy the customer's requirement?

- A. IBM Metro Mirror
- B. PowerHA SystemMirror for AIX Enterprise Edition
- C. Geographic Logical Volume Manager
- D. General Parallel File System (GPFS)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Corrected.

QUESTION 199

An AIX customer plans to boot their LPARs from the SAN and wants the ability to easily update multipathing software in their VIO Server clients.

Which disk option should be used for their rootvg?

- A. NPIV
- B. vSCSI
- C. NFS
- D. iSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 200

What is required to implement Live Partition Mobility (LPM)?

- A. The source and destination servers should access the same fabrics.
- B. The source and destination servers should be managed by the same HMC.
- C. The source and destination servers must have the same quantity of Virtual I/O Servers.
- D. All LPARs should have the same vendor Storage Subsystem

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 201

What is used to provide basic deployment and management firmware updates, host monitoring and Virtual Machine templates of PowerKVM hosts from a GUI?

- A. virsh
- B. PowerVC
- C. Kimchi
- D. HMC

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 202

An administrator changed an NFS mount point to read/write capability by adding the -rw option in /etc/exports. Clients are still unable to write to the Network File System. How can this be resolved?

- A. Run the `exportfs -a` command on the NFS server.
- B. Issue the `refresh -g nfs` command on the NFS server.
- C. Unmount and mount the NFS file system on the NFS server.
- D. Use the `mount -o rw` command on the NFS filesystem on the NFS server.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 203

The first line of a script is:

```
#!/usr/bin/perl
```

What will this do when the script is run?

- A. It will interpret the script using Perl.
- B. It will load environment variables in the `/usr/bin/perl` file.
- C. It will execute the file `/usr/bin/perl` before executing the script.
- D. It will set the value of the "perl" environment variable to the empty string

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 204

What can be used to initiate patching of AIX LPARs, HMCs and VIO Server?

- A. IBM Systems Director (ISD)
- B. Network Install Manager (NIM)
- C. Electronic Service Agent (ESA)
- D. Service Update Management Assistant (SUMA)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 205

Which type of resource is required for every BOS installation performed with NIM?

- A. spot
- B. script
- C. resolv_conf
- D. bosinst_data

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 206

What virtualization management solution will allow a customer to implement Ubuntu, Red Hat and SUSE distributions on POWERS scale-out servers?

- A. PowerKVM
- B. PowerVC
- C. PowerVM
- D. Linux on Power (LoP)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 207

Which technology provides simple virtualization for Ethernet, with quality of service controls that specify minimum bandwidth per partition?

- A. SR-IOV (Single Root I/O Virtualization)
- B. SEA (Shared Ethernet Adapter)
- C. HEA (Host Ethernet Adapter)
- D. CNA (Converged Network Adapter)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 208

A customer is willing to consolidate several servers running Oracle and DB2 databases from several departments on a single server, while keeping them administratively separate.

They are concerned about licensing after consolidation, because they are not willing to pay for Oracle licenses for the cores running DB2 and pay for DB2 licenses on cores running Oracle. What would be the best method to handle this situation, to make the environment compliant and achieve the customer demands?

- A. Create two capped LPARs, one for Oracle databases and other for DB2 databases, and make sure the LPARs have the right amount of cores assigned to them according to customer existing licenses
- B. Create one capped LPAR per consolidated server, on each LPAR profile page on the HMC select the corresponding database type, and make sure DB Isolation option is checked
- C. Create one uncapped LPAR per consolidated server, monitor CPU usage and keep a spreadsheet up-to-date to account for the databases licenses used for compliance audits.
- D. Create two Shared Processor Pools, one for Oracle and another for DB2, and consolidate the servers on distinct LPARs on the corresponding pool

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 209

A customer has two Power 570 servers that need to be replaced to accommodate company growth.

.
The first server runs a transactional workload with high server usage during the day (8am-8pm)

.
The second server runs analytic queries based on the transactional data during the night (10pm-6am).
.

A technical sizing analysis determined that each server would require (18) POWER8 3.52GHz cores and 160GB RAM, considering the needed growth.

What would be the most cost-efficient way to satisfy the customer needs?

- A. (1) new Power S824 with 24 cores and 384GB and DLPAR CPU resources among LPARs
- B. (1) new Power 770 with 36 active cores and 384GB active, virtualized with capped LPARs
- C. (1) new Power S824 with 36 cores and 384GB, virtualized with capped LPARs.
- D. (2) new Power S824 with 20 cores and 192GB RAM each.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 210

When updating a device attribute utilizing the -P flag with the chdev command, which of the following is true?

- A. The device attribute will be updated for the parent of the device specified.
- B. The device attribute is updated forcibly and will result in the device changing to the defined state.
- C. The device attribute is updated immediately and will not be maintained after the next system boot.
- D. The device attribute is updated only in the ODM and does not take affect until after the next system boot.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 211

How will the following command change the data1v logical volume? `chlv --e m data1v`

- A. The logical volume will be encrypted with the key in a file named "m".
- B. The logical volume will be rebalanced across the maximum physical volumes immediately.

- C. The logical volume will have new logical partitions spread across as few disks as possible.
- D. The logical volume will be rebalanced across the minimum number of physical volumes immediately

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 212

What will the following script have NMON do?

```
#!/bin/ksh

: ${SNAPSHOT=300}
: ${FLAGS="-tdMAV^"}

ALLDAY_SECONDS=86400
HOUR=$(date +%H); MINUTE=$(date +%M); SECOND=$(date +%S)
let SECONDS_LEFT_IN_DAY="($ALLDAY_SECONDS - (60 * 60 * $HOUR) - (60 * $MINUTE) - $SECOND)"
let SAMPLES="$SECONDS_LEFT_IN_DAY / $SNAPSHOT"

nmon -f $FLAGS -s $SNAPSHOT -c $SAMPLES -m /var/log/nmon
```

- A. Collect data every hour in /var/log/nmon
- B. Collect data every 5 minutes for 24 hours
- C. Collect data every 5 minutes until midnight
- D. Collect 300 data snapshots in /var/log/nmon

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 213

What is a difference between a Versioned WPAR and a system copy WPAR?

- A. System copy WPARs are created from a mksysb.
- B. Snapshots can be created of a Versioned WPAR.
- C. System copy WPARs are only supported on POWER7+ hardware.
- D. Versioned WPARs are enabled through purchase of an additional licensed product

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 214

What feature of IBM i prevents editing object code?

- A. Single level storage
- B. Integrated antivirus
- C. Authorization lists
- D. Object-Oriented Architecture

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference:

<http://www.ibm.com/developerworks/library/os-php-7oohabits/>

QUESTION 215

A customer requires each AIX or IBM i LPAR to have access to two different VLANs but without VLAN tagging. They plan to have dual VIO Servers on the same POWER8 system, using EtherChannel and SEA for each VLAN.

What is the minimum requirement to support the configuration?

- A. (2) quad port Ethernet adapters
- B. (4) quad port Ethernet adapters
- C. (2) dual port Ethernet adapters
- D. (4) dual port Ethernet adapters

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 216

A customer has a requirement for four partitions, each with 1TB of Storage They want to put a new S814 machine in. but only have 4U available in the rack.

Which POWER8 option accomplishes this?

- A. Order a 6-core machine with the Expanded Function backplane with (18) SFF SAS 283GB drives, all the drives owned by VIO Server and then allocated to each partition.
- B. Order a 6-core machine with the Split backplane, with each side having (4) 283GB drives for two partitions and two sets of EJ03 Disk Controllers each connected to a 5887 with (4) 283GB disks each for the other two partitions.
- C. Order a 4-core machine with the Expanded Function backplane with (10) SFF SAS 571GB drives, all the drives owned by VIO Server and then allocated to each partition.
- D. Order a 4-core machine with the Split backplane with (18) SFF SAS 283GB drives, all the drives owned by VIO Server and then allocated to each partition.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 217

A customer consolidated several environments running IBM i, Linux and AIX into an S824. Now the system's installed memory is insufficient. The customer believes that the Active Memory Expansion feature may resolve the memory issue.

Which of the following operating systems is capable of using the compression and decompression technology to resolve the issue?

- A. AIX

- B. IBMi
- C. Red Hat
- D. SUSE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 218

A system administrator has created a user id using the following command:

```
mkuser sugroups=security gecos="AIX User" aixuser
```

What is the effect of using this command?

- A. The sugroups attribute allows aixuser to su to users in the security group.
- B. The sugroups attribute allows members of the security group to su to this id.
- C. The aixuser will be created as an administrative user id and only the root user can alter attributes for aixuser.
- D. The aixuser will be created as an administrative user and only security group members can alter attributes of this id

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

100% Valid.

QUESTION 219

In the graphic below, the LPAR's current physical and virtual processor allocation matches its desired settings How do these settings limit system processor assignment for the LPAR?

General	Processors	Memory	I/O	Virtual Adapters	Power Controlling	Settings	Logical Host Ethernet Adapters (LHEA)
---------	-------------------	--------	-----	------------------	-------------------	----------	---------------------------------------

Detailed below are the current processing settings for this partition profile.

Processing mode

☐ Dedicated
☒ Shared

Processing units

Total managed system processing units : 64.00

Minimum processing units :

Desired processing units :

Maximum processing units :

Shared processor pool: ▼

Virtual processors

Minimum processing units required for each virtual processor : 0.10

Minimum virtual processors :

Desired virtual processors :

Maximum virtual processors :

Sharing mode

☒ Uncapped
 Weight : ▼

Processor compatibility mode: ▼

- A. The LPAR can increase to 16.00 processing units of capacity in the shared processing pool as needed.
- B. The LPAR will be able to use a maximum of 6.0 processing units of capacity in the shared processing pool.
- C. The LPAR will be able to use a maximum of 4.0 processing units of capacity in the shared processing pool.
- D. The administrator will be allowed to add a maximum of 4.0 additional processing units to the LPAR using DLPAR, making its allocation 6.0 processing units.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 220

Which resource is required to make the cluster configuration data available when using Cluster Aware AIX?

- A. A cluster controller node that keeps the cluster configuration data synchronized between nodes.
- B. An NFS file system that is accessible with read/write permissions by all nodes that form the cluster.
- C. A supported disk in a highly available storage configuration that is accessible by all nodes that form the cluster
- D. A "quorum busting" disk to prevent loss of quorum from impacting availability of the cluster configuration data.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 221

A customer is ordering a 4-core S814 with the following partitions. The default processor pool will be used.

- .
An IBM i partition capped at 1.0 processors.
- .
A second IBM i partition capped at 0.5 processors.
- .
An AIX partition capped at 0.5 processors.
- .
A Linux partition capped at 0.5 processors.

How many IBM i processor licenses are required to support this configuration?

- A. 3.0
- B. 2.0
- C. 1.0
- D. 4.0

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 222

A customer needs faster response time from their database server and is considering purchasing POWERS. They are familiar with Easy Tier, and have heard that they can use it locally on some servers.

Which feature(s) would enable this function?

- A. Enhanced backplane (EJOP)
- B. Standard backplane (EJON)
- C. Enhanced backplane (EJOP) with the Split backplane feature (EJOS)
- D. Standard backplane (EJON) with optional SSD cage (EJTM)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 223

How can system software charges be reduced when migrating from POWER6 to a POWER8 Scale-out server?

- A. Only activate the necessary cores.
- B. Select the per-socket licensing model.
- C. Configure the system with POWER8 Dual-Core Modules (DCM)
- D. Disable all un-needed cores with Processor Deconfiguration.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 224

A large manufacturer wants to consolidate their existing AIX and Linux environments to POWER8. The customer has four AIX servers and twelve Ubuntu servers.

Which solution will satisfy the requirements?

- A. (1) S822L with PowerKVM
- B. (1)S822 with PowerVM and (1)S822L with PowerKVM
- C. (1) S822L with PowerVM
- D. (1) S822 with PowerVM and PowerKVM

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 225

A customer has a partitioned system running IBM i and Domino. The customer is considering a new system to replace the existing system and wants to add a WebSphere application and an AIX application.

Which of the following will assist in sizing the new system?

- A. Performance Management (PM) for Power Systems
- B. Workload Estimator (WLE)
- C. SnapShot
- D. System Planning Tool (SPT)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 226

When could an IVM instance be preferable to an HMC for Power Systems management?

- A. Where multiple partition profiles are required
- B. When Systems Director is used for central 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 LPARs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 227

What is the purpose of using the ssh-keygen -t dsa command?

- A. Establishing credentials for a secure connection between systems.
- B. Provide performance monitoring agents to monitor encrypted file systems.
- C. Allow a user to switch to the root user without knowing the root password.
- D. Securely transfer files between AIX instances without a password prompt using ftp

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 228

Given the NIB configuration shown below, what is the most likely reason that after a link failure for ent0, there was no automatic failover to ent2?

Type or select values in entry fields.
Press Enter AFTER making all desired changes.

	[Entry Fields]
EtherChannel / Link Aggregation	ent4
Parent Adapter	NONE
EtherChannel / Link Aggregation Adapters	ent0
Backup Adapter	ent2
Automatically Recover to Main Channel	yes
Perform Lossless Failover After Ping Failure	yes
Delete Backup Adapter	
Add Main Adapter	
Delete Main Adapter	
Add Backup Adapter	
Enable Alternate Address	no
Alternate Address	[0x0000000000000000]
Enable Gigabit Ethernet Jumbo Frames	no
Mode	standard
IEEE 802.3ad Interval	long
Hash Mode	default
Internet Address to Ping	[]
Number of Retries	[]
Retry Timeout (sec)	[1]
Apply change to DATABASE only	no

- A. Alternate Address is not set
- B. No Internet Address to Ping is specified
- C. Automatically Recover to Main Channel is set to yes
- D. ent0 and ent2 have different media speeds specified

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 229

Customers to migrate to the 6-core Power6 520 S814, Which backplane RAID 5 provides the best performance ?

- A. detachable back with 6 + 6 SFF-3 bracket and the second SAS controller

- B. with (12) SFF-3 bracket and integrated SAS storage controller backplane
- C. with (18) SFF-3 bracket and dual SAS controllers and write cache storage backplane
- D. detachable back with PCIe3 12GB Cache RAID SAS adapter and EXP24S of

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 230

Which technology provides virtual machine dedicated virtual resources, improve QoS, remove the I / O virtualization load ?

- A. PowerVM
- B. CNA (converged network adapters)
- C. FCoE(Fiber Ethernet protocol run)
- D. SR-IOV (single point of management I / O virtualization)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 231

A customer is ordering a 4-core S814 with the following partitions:

- An IBM i partition capped at 1.0 processors
- A second IBM i partition capped at 0.5 processors, running a Web Sphere application.
- An AIX partition capped at 0.5 processors.
- A Linux partition capped at 0.5 processors.

How many WebSphere licenses are required to support this configuration?

- A. 4.0
- B. 1.0
- C. 30

D. 2.0

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 232

A customer wants to have an AIX PowerHA cluster span two sites separated by 100 kilometers.

Which option will span the two sites?

- A. PowerHA SystemMirror Standard Edition
- B. PowerHA SystemMirror Enterprise Edition
- C. PowerHA Smart Assists
- D. Power HA Cluster Aware AIX

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 233

A customer would like a Scale-out server solution with eight cores. They require three partitions. Each partition needs redundant LAN and SAN adapters.

Which solution supports the minimum requirement?

- A. (2) 146GB disk drives
(2) 4-port LAN
(2) 4-port SAN adapters
- B. (6) 146GB disk drives
(6) 4-port LAN
(6) 4-port SAN adapters
- C. 14) 146GB disk drives
(4) 4-port LAN

- (4) 4-port SAN adapters
- (2) VIO Servers
- D. (2) 146GB disk drives
- (2) 4-port LAN
- (2) 4-port SAN adapters
- (1) VIO Server

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



<http://www.gratisexam.com/>