

Actualtests C4040-221 229q

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IBM C4040-221

AIX 7 Administration



Many new questions are added , Good for review go ahead and pass the exam now.

## Exam A

### QUESTION 1

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
```

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:**

Explanation:

## **QUESTION 2**

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 Real 2  
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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:**

Explanation:

## **QUESTION 3**

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:**

Explanation:

**QUESTION 4**

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
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**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 5**

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:**

Explanation:

**QUESTION 6**

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:**

Explanation:

#### **QUESTION 7**

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  
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- D. RAID 6

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 8**

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:**

Explanation:

**QUESTION 9**

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:**

Explanation:

**QUESTION 10**

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)?

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- 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:**

Explanation:

**QUESTION 11**

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

- A. Issecattr-W syswpar1
- B. Issecconf-w syswpar1
- C. Isattr-s syswpar1
- D. Iswpar-S syswpar1

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 12**

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:**

Explanation:

**QUESTION 13**

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

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- 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:**

Explanation:

## QUESTION 14

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:**

Explanation:

## QUESTION 15

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:**

Explanation:

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**QUESTION 16**

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:**

Explanation:

**QUESTION 17**

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

- A. lsdev
- B. lscfg
- C. lsattr
- D. lsmmap

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 18**

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

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**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 19**

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:**

Explanation:

**QUESTION 20**

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:**

Explanation:

**QUESTION 21**

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:**

Explanation:

**QUESTION 22**

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:**

Explanation:

**QUESTION 23**

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:**

Explanation:

**QUESTION 24**

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  
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- C. minfreemem and maxfreemem
- D. minpgahead and maxpgahead
- E. sb\_min and sb\_max

**Correct Answer: E**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 25**

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:**

Explanation:

#### **QUESTION 26**

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:**

Explanation:

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#### **QUESTION 27**

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:**

Explanation:

**QUESTION 28**

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 (IPoB) 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:**

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Explanation:

#### **QUESTION 29**

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

- 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:**

Explanation:

#### **QUESTION 30**

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:**

Explanation:

## **QUESTION 31**

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 Real 13  
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**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

## **QUESTION 32**

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:**

Explanation:

**QUESTION 33**

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:**

Explanation:

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**QUESTION 34**

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	RP 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:**  
Explanation:

### QUESTION 35

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

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**Correct Answer: D**

**Section: (none)**

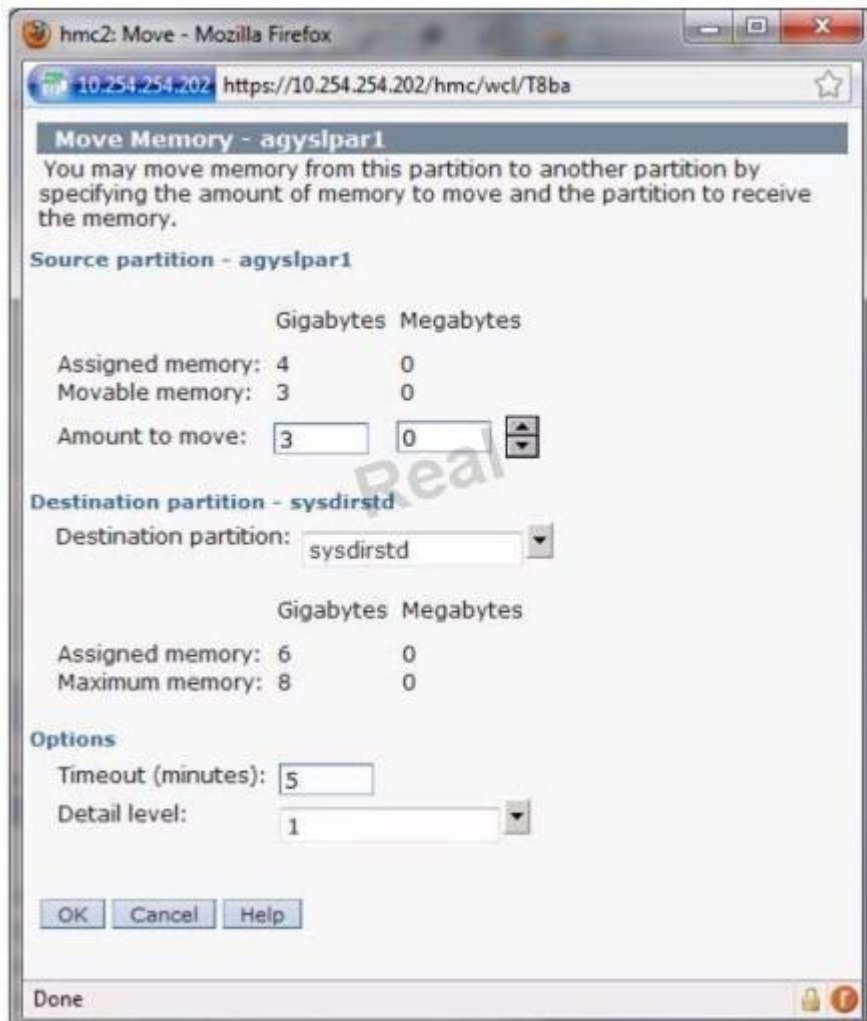
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 36**

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.

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F. Source LPAR maximum memory setting is too low.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

## QUESTION 37

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:**

Explanation:

## QUESTION 38

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:**

Explanation:

## QUESTION 39

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 Real 17  
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- 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:**

Explanation:

#### **QUESTION 40**

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:**

Explanation:

#### **QUESTION 41**

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.

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**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 42**

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:**

Explanation:

#### **QUESTION 43**

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:**

Explanation:

**QUESTION 44**

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:**

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Explanation:

**QUESTION 45**

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:**

Explanation:

## QUESTION 46

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  
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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:**

Explanation:

#### **QUESTION 47**

Which command will display the path status of MultiPath I/O (MHO) device hdisk1?

- A. lspath-l hdisk1  
B. lspv-L hdisk1  
C. chnlspath-l hdisk1  
D. lsdev-Cp hdisk1

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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#### **QUESTION 48**

An administrator utilizes the parallel nature of dsh to streamline common tasks, but must serialize some to prevent network saturation. What dsh parameter will override the default behavior?

- A. The fanout parameter.
- B. The execute parameter.
- C. The node-options parameter
- D. The stream parameter

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 49**

Two different administrators are asked to change the hostname of a system due to a misunderstanding The current hostname is set to misunderstanding. The current hostname is set to 'ozi'. The first administrator thinks the hostname should be set to 'kiwi' and he runs the command:

```
# hostname kiwi
```

He checks his work by running the hostname command again and he sees this output

```
# hostname kiwi
```

The second administrator thinks the hostname should be 'texan' and he runs the command:

```
# uname -S texan
```

He checks his work by running uname -n and sees the output

```
# uname -n texan
```

What will be the output of the hostname and uname -n command when the system reboots?

- A. The output of both commands will be 'kiwi' after reboot.
- B. The output of both commands will be 'texan' after reboot.
- C. The output of both commands will be 'ozi' after reboot.
- D. The output of the hostname command will be 'kiwi' and the output of the uname -n command Real 22 IBM C4040-221 Exam will be texan".

**Correct Answer:** C

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 50**

Which command will display the time and date of the last boot?

- A. who-b
- B. last-b
- C. boot-b
- D. time-x

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

Topic 2, Volume B

**QUESTION 51**

An administrator upgraded the rpm.rte fileset. During the installation, the bos.rte install fileset was automatically upgraded as well. Given the following information, which action will allow the administrator to back out the changes?

```

10.1.30.49 - PuTTY
# lslpp -h rpm.rte
Fileset          Level      Action      Status      Date        Time
-----
Path: /usr/lib/objrepos
rpm.rte
          3.0.5.51  COMMIT      COMPLETE      09/26/11    17:13:56

Path: /etc/objrepos
rpm.rte
          3.0.5.51  COMMIT      COMPLETE      09/26/11    17:14:24

# hostname
agyslpar1
# lslpp -l bos.rte.install
Fileset          Level      State      Description
-----
Path: /usr/lib/objrepos
bos.rte.install      6.1.5.1  APPLIED      LPP Install Commands

Path: /etc/objrepos
bos.rte.install      6.1.5.1  APPLIED      LPP Install Commands

#
#
#
#

```

- A. REJECT both fileset upgrades.  
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- B. COMMIT the bos.rte.install upgrade and REJECT both fileset upgrades.
- C. REJECT the bos.rte.install fileset and overwrite install the rpm.rte with the previous version
- D. REJECT the bos.rte.install fileset and CLEANUP the rpm.rte upgrade.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 52**

Solid State Drives (SSDs) have been added to a POWER7 system, and the administrator would like to migrate filesystems with high I/O activity to the SSDs. What TWO options or commands will assist the administrator with identifying filesystem activity?

(Select 2)

- A. svmon
- B. tprof
- C. filemon
- D. Hot File Detection
- E. fileplace

**Correct Answer: CD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 53**

Which command will show all the logical volumes, filesystem mount points, and the volume group in which they reside?

- A. lslv-al
- B. mount-v
- C. df-vAg
- D. lsvg | lsvg -il

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 54**

Which system management tool could be used to deploy corrective service to multiple HMCs?

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- A. Distributed Systems Manager
- B. Network Installation Manager
- C. IBM Systems Director
- D. Cluster Systems Manager

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 55**

An administrator needs to determine if system microcode is at the most current level. Which tool will identify current microcode levels, and provide an output file which can be used by the IBM Microcode Discovery Service (MDS) for comparison?

- A. FLRT
- B. invscout
- C. lsmcode
- D. prtconf
- E. urncode\_latest

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 56**

An administrator was told to reverse the search order of a working DNS lookup. During application testing it was discovered that network resolution was not working for the end users.

Given the following output, what is the most likely cause?

```

$ mv /etc/resolv.conf /etc/resolv.conf.bak
$ cp /etc/resolv.conf.bak /etc/resolv.conf
$ vi /etc/resolv.conf
$ cat /etc/resolv.conf.bak
nameserver      10.1.10.12
nameserver      10.1.10.72
domain agyslab.com
$ cat /etc/resolv.conf
nameserver      10.1.10.72
nameserver      10.1.10.12
domain agyslab.com
$ ping db2n1
ping: host name db2n1 NOT FOUND
$ ls -l /etc/resolv.conf*
--w--w--w-    1 root      system      63 Oct  3 10:43 /etc/resolv.conf
-rw-r--r--    1 root      system      63 May 17 10:57 /etc/resolv.conf.bak
-rw-r--r--    1 root      system      63 May 17 10:57 /etc/resolv.conf.orig
$ tail -4 /etc/netsvc.conf
# Example:
# aliases = nis, files
#
hosts=local,bind4
$

```

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- A. The first DNS server is unreachable.
- B. The netsvc.conf has the incorrect host lookup order.
- C. Incorrect file permissions on the/etc/resolv.conf file.
- D. The host is not on the network.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 57**

A system administrator needs to create a new volume group (VG) which will contain 100 physical volumes. The physical volumes are 10GB in size. The company plans to increase from 100 to 150 physical volumes over a two year period.

To ensure the VG can meet initial demand and grow without requiring changes at later date, what type of VG should be created?

- A. Create VG as a Big volume group.
- B. Create a volume group setting each physical partition size to 1024 MB.
- C. Create VG as a Scalable volume group.
- D. Create VG using the t-factor attribute

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 58**

A customer has purchased two dual-port Fibre Channel and two dual-port Ethernet cards. Which configuration will provide the greatest amount of redundancy for two client partitions?

- A. Assign each client one fibre and Ethernet card. Make sure they are cabled to a different network and fibre switches.
- B. Assign each client one port on each of the fibre and Ethernet cards. Cable each to a different network or fibre switch.
- C. Assign all resources to a VIO server. Create an Etherchannel on the network adapters that connect to different FCoE switches.
- D. Create a dual VIO server environment, each with one Ethernet and fibre card. Make sure each card is attached to a different network and fibre switch.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 59**

An administrator wants to run secure commands as user1 from hosta to hostb using OpenSSH. Which actions will configure SSH trust?

- A. Create a public & private key on hosta  
Copy contents of public key to hostb file /home/user1/.ssh/authorized\_keys2
- B. Create a public & private key on hostb  
Copy contents of private key to hosta file /home/user1/.ssh/authorized\_keys2
- C. Create a public & private key on hosta  
Copy contents of key to hostb file /usr/openssh/.ssh/authorized\_keys2
- D. Create a public & private key on hosta  
Copy contents of private key to hostb file /home/useM/ ssh/authorized\_keys2

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 60**

Which command will help determine if the primary Ethernet adapter in an EtherChannel has failed and the backup adapter is being used?

- A. ethstat
- B. entstat
- C. ifconfig
- D. lsagg

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 61**

A new security policy dictates that unnecessary default user accounts be removed. Which default user IDs are most eligible for removal?

- A. nobody and adm
- B. root, sys and system

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- C. daemon, lpd, adm and guest
- D. nuucp, lpd, and guest

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 62**

Performance monitoring is needed for a managed system containing multiple AIX7 LPARs. Which action enables historical data capture for the managed system?

- A. Implement IBM Systems Director Standard Edition.
- B. Run snap data collections periodically.
- C. Configure the trace facility to capture details on system activity.
- D. Configure NMON to collect interval-based performance data.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 63**

What file needs to be modified to disable both telnet and local logins for the root UserID?

- A. /etc/security/limits
- B. /etc/security/passwd
- C. /etc/environment
- D. /etc/security/user

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 64**

How can the administrator remove all entries from the error log?

- A. errclear 0
- B. errpt-c 0
- C. errlogger-c 0  
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- D. errdemon-c 0

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 65**

Which level of information does the mpstat command provide when run inside an LPAR?

- A. The simultaneous multi-threading LPAR profile setting.
- B. Overall managed system logical processors utilization.
- C. Performance statistics for all logical processors inside the LPAR.
- D. Number of online physical processors in the pool where the LPAR resides.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 66**

A user wants to run a batch job repetitively, but requires that each invocation starts five hours after the previous run finishes. What strategy will accomplish this?

- A. Create a wrapper script that launches the job in the background and then sleeps for the designated period before launching it again.
- B. Submit the job with 'at', using the average run time of the job plus five hours as the interval.

- C. Add an entry to the crontab to submit the job every five hours.
- D. Create a file containing the job commands, using the 'at' command as the final line of the file.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

## QUESTION 67

Given the following crontab entry, when will the job run?

```
30 5 * 9 * /usr/local/bin/maintenance
```

- A. Every day in September at 05.30  
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- B. Every day at 05.00 and 09.00 for 30 days
- C. Every 30 minutes for the first 5 days in September
- D. Only on the 30th of May in 9 minute intervals

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <http://www.adminschoice.com/crontab-quick-reference>

## QUESTION 68

What is the purpose of using tape drive special files?

- A. To specify an action during certain tape operations
- B. To eject tapes at the end of a tape operation
- C. To configure alternate pathing of tape devices
- D. To enable the tape SCSI Device Driver for a device

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 69**

While trying to extend a filesystem /work an administrator receives the following error: 0516-787 extendlv: Maximum allocation for logical volume fslv00 is 256. What must be done to allow the filesystem to be extended?

- A. Change the filesystem option of maxsz to 512 for the filesystem /work with the command `chfs -a maxsz=512 /work`.
- B. Change the maximum Logical Partitions to 512 for the fslv00 with the command `chlv-x512 fslv00`.
- C. Change the volume groups maximum Logical Partitions per Logical Volume to 512 with the command `chvg -t 512 vg01`.
- D. Change the logical volume type to jfs2 as jfs logical volumes cannot extend passed 256 with the command `chfs -v jfs2 -m /work`.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 70**

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An administrator has been asked to consolidate disks on an LPAR. Given the following information, which group of actions will remove unneeded disk?

datavg:			
PV NAME	PV STATE	TOTAL PPs	FREE PPs
hdisk2	active	599	159
hdisk3	active	399	399

- A. Migrate physical partitions from hdisk2 to hdisk3  
Remove hdisk2 from datavg  
Use `rmdevto` permanently remove hdisk3
- B. Remove hdisk3 from datavg  
Use `rmdevto` permanently remove hdisk3
- C. Export datavg  
Use `rmdevto` permanently remove hdisk3  
re-import db2vg03
- D. Vary off datavg

Use rmdevto permanently remove hdisk3  
varyonvg dbvg02

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 71

Given the following information, why is an error returned when trying to unmount the filesystem /var/logs/tsm?

```
root@hostA:/var/logs# df -g
Filesystem      GB blocks      Free %Used      Iused %Iused Mounted on
/dev/hd4         0.19         0.01  95%       9876     77% /
/dev/hd2         1.94         0.16  92%      42186     50% /usr
/dev/hd9var       1.00         0.73  28%       5771      4% /var
/dev/hd3         1.00         0.97   3%         63      1% /tmp
/dev/hd1         0.06         0.06   1%         30      1% /home
/dev/hd11admin    0.12         0.12   1%          5      1% /admin
/proc            -            -    -          -      - /proc
/dev/hd10opt      1.00         0.35  66%      8557     10% /opt
/dev/livedump     0.25         0.25   1%          4      1% /var/adm/ras/livedump
/dev/fslv00      15.00         6.33  58%       789      1% /work
/dev/fslv01       1.00         0.99   1%          5      1% /var/logs
/dev/fslv02       1.00         1.00   1%          5      1% /var/logs/tsm
/dev/fslv03       1.00         0.99   1%          4      1% /var/logs/tsm/livelog
root@hostA:/var/logs# umount /var/logs/tsm
umount: 0506-349 Cannot unmount /dev/fslv02: The requested resource is busy.
root@hostA:/var/logs# grep -p /var/logs/tsm: /etc/filesystems
/var/logs/tsm:
    dev          = /dev/fslv02
    vfs          = jfs2
    log          = /dev/hd8
    mount        = true
    options      = rw
    account      = false
root@hostA:/var/logs#
```

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- A. The child filesystem /var/logs/tsm/livelog is still mounted.
- B. The hd8 is still tied to the filesystem.
- C. The filesystem is of type mount=true so cannot be unmounted while the system is running
- D. The umount command is being run while inside the filesystem.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 72**

How can the emgr -l command be used?

- A. To list the currently configured Enterprise Management capabilities
- B. To help determine why a fileset is listed as EFIXLOCKED in lspp output
- C. To determine if the Active Energy Manager is currently installed
- D. To determine if the Active Energy Manager is currently active

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 73**

With regard to an existing AIX 5.2 installation, what source format is required by the mkwpar command to create a Versioned WPAR of this existing system?

- A. SPOT
- B. MKSYSB
- C. RAW
- D. OVA

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 74**

An administrator migrated a global environment of AIX 6 to AIX 7 using NIM. They have attempted to use the migwpar command to migrate a selection of hosted WPARs from AIX 6 to AIX 7, but a detached system WPAR fails to migrate to AIX 7.

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How can a detached system WPAR be migrated to AIX 7?

- A. NIM
- B. AIX install media
- C. savewpar command
- D. syncwpar command

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 75**

An administrator created a log logical volume named dbfs2loglv. Given the following output, why did the system create and use a new log logical volume rather than the log logical volume that the administrator specified?

```
10.1.30.49 - PuTTY
# mklv -y'dbfs2loglv' -t'jfs2log' db2vg 1
dbfs2loglv
# crfs -v jfs2 -m /db2db -g db2vg -A yes -a size=6400M
File system created successfully.
6553196 kilobytes total disk space.
New File System size is 13107200
# mount /db2db
# mount
```

node	mounted	mounted over	vfs	date	options
/dev/hd4	/		jfs2	Sep 28 09:41	rw,log=/dev/hd8
/dev/hd2	/usr		jfs2	Sep 28 09:41	rw,log=/dev/hd8
/dev/hd9var	/var		jfs2	Sep 28 09:41	rw,log=/dev/hd8
/dev/hd3	/tmp		jfs2	Sep 28 09:41	rw,log=/dev/hd8
/dev/hd1	/home		jfs2	Sep 28 09:42	rw,log=/dev/hd8
/dev/hd11admin	/admin		jfs2	Sep 28 09:42	rw,log=/dev/hd8
/proc	/proc		procfs	Sep 28 09:42	rw
/dev/hd10opt	/opt		jfs2	Sep 28 09:42	rw,log=/dev/hd8
/dev/livedump	/var/adm/ras/livedump		jfs2	Sep 28 09:42	rw,log=/dev/hd8
/dev/fslv00	/db2db		jfs2	Oct 03 20:59	rw,log=/dev/loglv00

```
#
```

- A. The filesystem was built with a mirrored logical volume and 2 log logical volumes are needed.
- B. The administrator created the db2fsloglv log but neglected to format it with the logform command.
- C. The db2fsloglv log was created as a JFS log and a JFS2 log was needed.
- D. There was already another filesystem using the db2fsloglv when the filesystem was created

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 76**

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During a recent network outage, the failover to the secondary DNS server was taking too long. The administrator found the RES\_RETRY and RES\_TIMEOUT values needed to be updated.

Where are these values updated?

- A. /etc/inetd.conf
- B. /etc/rc.net
- C. /etc/security/limits
- D. /etc/environment

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 77**

In order to enable an AIX host to use one virtual Ethernet adapter to communicate on multiple VLANs, what is required?

- A. The VLAN devices used by the host must be configured with IP addresses on different subnets.
- B. The virtual Ethernet adapter must be set to full duplex in AIX.
- C. VLAN devices must be configured in the AIX host.
- D. The virtual Ethernet adapter must be configured as a trunk adapter.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 78**

An administrator needs to restore all files in the /myfs/test directory of the non-rootvg volume group backup, which is located on device /dev/cd1, and write the restored files to /data/myfiles.

Which is the correct command?

- A. restvgfiles -f /dev/cd1 -r-s -d /data/myfiles ./myfs/test
- B. restore -Tf /dev/cd1 -r -s -d /data/myfiles /myfs/test
- C. restvgbackup -f /dev/cd1 -r-s -d /data/myfiles ./myfs/test
- D. lsmksysb-f/dev/cd1 -r-s-d/data/myfiles ./myfs/test

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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#### **QUESTION 79**

Which is a benefit of dynamic tracking of Fibre Channel devices?

- A. I/O failures are prevented with Fibre Channel tape devices.
- B. SAN changes are automatically detected.
- C. SAN disk arrays are created with a common set of disk attributes.
- D. NPIV support is added for all AIX Fibre Channel adapters.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 80**

Which command displays from which disk the operating system was last booted?

- A. last
- B. bosboot
- C. getconf
- D. bootlist

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 81**

The AIX hosts node1 and node2 have Ethernet adapters, both named ent0, configured on the same network. Both are dedicated physical 1GB adapter ports in a Host Ethernet Adapter. Based on this information and the output shown for each node, what is the most likely cause of intermittent failures and slow communication between these adapters?

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# node1:\ lsattr -El ent0			
alt_addr	0x000000000000	Alternate Ethernet address	True
flow_ctrl	no	Request Transmit and Receive Flow Control	True
jumbo_frames	no	Request Transmit and Receive Jumbo Frames	True
large_receive	yes	Enable receive TCP segment aggregation	True
large_send	yes	Enable hardware Transmit TCP segmentation	True
media_speed	100_Full_Duplex	Requested media speed	True
multicore	yes	Enable Multi-Core Scaling	True
# node2:\ lsattr -El ent0			
alt_addr	0x000000000000	Alternate Ethernet address	True
flow_ctrl	no	Request Transmit and Receive Flow Control	True
jumbo_frames	no	Request Transmit and Receive Jumbo Frames	True
large_receive	yes	Enable receive TCP segment aggregation	True
large_send	yes	Enable hardware Transmit TCP segmentation	True
media_speed	100_Full_Duplex	Requested media speed	True
multicore	yes	Enable Multi-Core Scaling	True

- A. The jumbo\_frames setting is 'no' and should be set to 'yes'.
- B. The Multi-Core Scaling mode is enabled. Multi-Core Scaling is interfering with communications because the processor is too busy.

- C. The Shared Ethernet Adapter does not have enough bandwidth to accommodate the network traffic.
- D. The media speed is set differently on the adapters than the endpoints on the switch.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

## QUESTION 82

A company has numerous LPARs hosting database servers, and three versions of the DBMS deployed in the environment. A critical APAR fixes data corruption for one version of the database, but it requires a server reboot. The only inventory information available is a spreadsheet with every LPAR's hostname and root password.

Which sequence of tasks will determine which servers are missing the critical APAR, and only apply it to the servers running the affected level of the database?

- A. Use the spreadsheet to populate the /etc/hosts file on the management node.  
Configure a NIM server that has the APAR in an lpp\_source.  
Force-register all of the LPARs with the NIM server.  
Use NIM group operations to install the APAR and boot at a scheduled time.
- B. Use the spreadsheet to create a dsh node list.  
Use dsh with lslpp to create a node list for LPARs needing the APAR.  
Use dcp and dsh to install the APAR and reboot.
- C. Configure a Systems Director server using the spreadsheet import function.  
Use the inventory function to discover the database level and APAR status.  
Use the Update Manager to apply the APAR to the affected LPARs and reboot.
- D. Use the spreadsheet to create a dsh node list.  
Use dcp and dsh to install the APAR.  
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Use dsh to reboot the systems.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

## QUESTION 83

Users on a server are receiving errors stating that they cannot fork any additional processes. The administrator checks server paging space and finds that it is only 5% used. What is the next most likely cause of the forking issue and what action should be taken to resolve it?

- A. Corruption has occurred to the bos.rte.control fileset. Reinstall the fileset with the -f option.
- B. The number of fixed licenses has been reached. Use 'chlicense' to increase the limit and reboot the system.
- C. System requires additional table space as well as paging space. Check the table space and increase as required.
- D. The system has the default maxproc system attribute. This should be increased to a value appropriate for the environment.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 84**

What is required to support VLANs in an AIX partition?

- A. IEEE 802.1Q compatible adapter
- B. Promiscuous mode disabled
- C. IEEE 802.3ad compatible interface
- D. QoS must be enabled

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 85**

How can administrators ensure that the Integrated Virtual Ethernet (IVE) adapters in their servers have the latest available firmware?

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- A. By upgrading the given IBM Power Systems server to the latest available system firmware.
- B. By using inventory scout to query the installed firmware level against the available level.
- C. By using either the managing HMC, SDMC or IVM to query and update the adapter firmware.
- D. By using the lsmcode AIX command with the query flag.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 86**

Why would the 'bffcreate -d /dev/cd0 -t/tmp/images all' command be run?

- A. To create installation or update images of all software packages from media in /dev/cd0
- B. To install all software packages from the media in /dev/cd0 that have prerequisites met on the system or in /tmp/images.
- C. To make a file in /tmp/images that lists all of the software packages on media in /dev/cd0
- D. To make a copy of all software in /tmp/images and store onto the writable media in /dev/cd0

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 87**

A server on the 165.x.x.x subnet is displaying network problems. The administrator uses a console connection and gathers the following information:

\$ lsattr -El inet0			
authm	65536	Authentication Methods	True
bootup_option	no	Use BSD-style Network Configuration	True
gateway		Gateway	True
hostname	host104	Host Name	True
route6		IPv6 Route	True
route	net,-hopcount,0,,0,165.253.253.1	Route	True
route	net,-hopcount,0,,0,10.2.98.113	Route	True

Which action will permanently resolve the issue?

- A. Flush the routing table.
- B. Run 'route del 10.2.98.113-f.

- C. Modify/etc/routes and reboot the system.
- D. Run 'chdev-l inet0-a delroute=net.-hopcount,0,,0.10.2.98.113'.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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Explanation:

#### **QUESTION 88**

Paging space on a system is almost entirely consumed. What temporary solution can be used to prevent the system from sending SIGKILL to processes while the administrator performs more in-depth problem determination?

- A. Use swapon to flush paging space entries to physical memory.
- B. Use tuning commands to change the system behavior so it does not terminate processes
- C. Increase the existing paging space.
- D. Use tuning commands to set the page space kill threshold to 100%.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 89**

In the following output, what do the ec and pc columns mean?

```
# vmstat 1 999

System configuration: lcpu=16 mem=1024MB ent=0.40
```

kthr		memory		page				faults				cpu						
r	b	avm	fre	re	pi	po	fr	sr	cy	in	sy	cs	us	sy	id	wa	pc	ec
2	0	227201	15032	0	0	0	0	0	0	4	480	254	63	1	36	0	1.71	428.3
1	0	227201	15032	0	0	0	0	0	0	2	43	253	63	1	36	0	0.75	188.7
4	0	227201	15032	0	0	0	0	0	0	3	148	233	63	0	36	0	1.61	401.4
2	0	227201	15032	0	0	0	0	0	0	2	20	127	63	0	36	0	1.62	404.5
4	0	227201	15032	0	0	0	0	0	0	3	30	256	71	0	29	0	2.52	629.9
0	0	227201	15032	0	0	0	0	0	0	3	47	264	60	1	39	0	0.91	226.4
2	0	227201	15032	0	0	0	0	0	0	11	58	268	63	1	36	0	1.66	415.2
3	0	227201	15032	0	0	0	0	0	0	2	46	275	64	0	36	0	2.17	542.3
2	0	227201	15032	0	0	0	0	0	0	8	53	319	19	2	78	0	0.19	46.8

...

- A. Program counter and entitled CPUs
- B. Physical processors consumed and entitled capacity consumed
- C. Processor count and extra cores
- D. Pages compressed and elapsed context switches
- E. Pool compression and external compression

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 90**

The/usr/sbin/clcmd command is not working as documented in an administrator's reference. How can the administrator determine if the command being run is at the same level as the command being referenced in the documentation?

- A. Get the fileset name from lsipp-f, then check the level of the file set with lsipp-1.
- B. Use lsipp-wto get the fileset name, then check the level of the file set with lsipp-1.
- C. Use lsipp-1 to determine the fileset name and check the level.
- D. Use ls-l to determine the last modified date of the command.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 91**

Which command is used to change the reserve policy of a disk?

- A. chdev
- B. chpv
- C. chvg
- D. chattr

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 92**

How can an administrator determine if DLPAR operations can be performed for a specific LPAR?

- A. Run the lsdlpar -partition command on the local HMC.
- B. Run the lsrsrclBM.MCP command on the LPAR.
- C. Run the lparstat -dlpar command on the LPAR.
- D. Run the rmcctrl -d command on the local HMC.

**Correct Answer:** A

**Section:** (none)

**Explanation****Explanation/Reference:**

Explanation:

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**QUESTION 93**

An administrator wants to reorganize some of the logical volumes in the datavg volume group. What TWO things must the administrator verify before starting the reorganization? (Select 2)

- A. Enough free physical partitions exist to accommodate the largest logical volume being reorganized.
- B. At least one free physical partition exists.
- C. That none of the logical volumes contain a paging space.
- D. The logical volumes being reorganized are relocatable.
- E. Quorum has been disabled for the volume group.
- F. The volume group descriptor area (VGDA) has room to expand.
- G. That any raw logical volumes being re-organized are closed.

**Correct Answer:** BD

**Section:** (none)

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 94**

An AIX LPAR has been saved using the mksysb command to a file called LPAR1\_mksysb located in the /backup directory. Which command displays the contents of the mksysb backup?

- A. mksysb-v-f/backup/LPAR1\_mksysb
- B. restore -Tqf /backup/LPAR1\_mksysb
- C. listvgbackup -f/backup/LPAR1\_mksysb
- D. backup-i -v-f/backup/LPAR1\_mksysb

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 95**

Which action will temporarily disable remote login access using telnet and ssh for all non-root accounts?

- A. Update /etc/security/passwd and recycle the inetd subsystem.
- B. Stop the sshd subsystem.  
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- C. Create a/etc/nologin file.
- D. Set the PermitLogins parameter in /etc/ssh/sshd\_config and recycle the sshd daemon.
- E. Touch the /etc/sshd/nologin file and recycle the sshd daemon.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 96**

The/app1 filesystem in appvg did not mount due to a failure replaying jfslog1. Which command will reinitialize jfslog1?

- A. resysnclvodm vjfslog1
- B. logform/dev/jfsiog1
- C. synclvodm appvg jfslog1
- D. format-d/dev/jfslog1

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 97**

Given the following lsdev output, which command will identify the underlying devices and network type of ent4 below?

root@server1:~#lsdev-l ent4 ent4 Available EtherChannel / IEEE 802.3ad Link Aggregation

- A. lsdev-dev ent4 -attr
- B. lscfg-vl ent4
- C. cfgmgr-1|grepent4
- D. lsattr-EI ent4

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 98**

On a system that currently boots from hdisk0, what command will extend the boot order to include

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hdisk1?

- A. bootlist-ahdisk0 hdisk1
- B. bosboot-M norm hdisk0 hdisk1
- C. bootlist-m normal hdisk0 hdisk1
- D. bosboot-e hdisk0 hdisk1

**Correct Answer:** C

**Section:** (none)

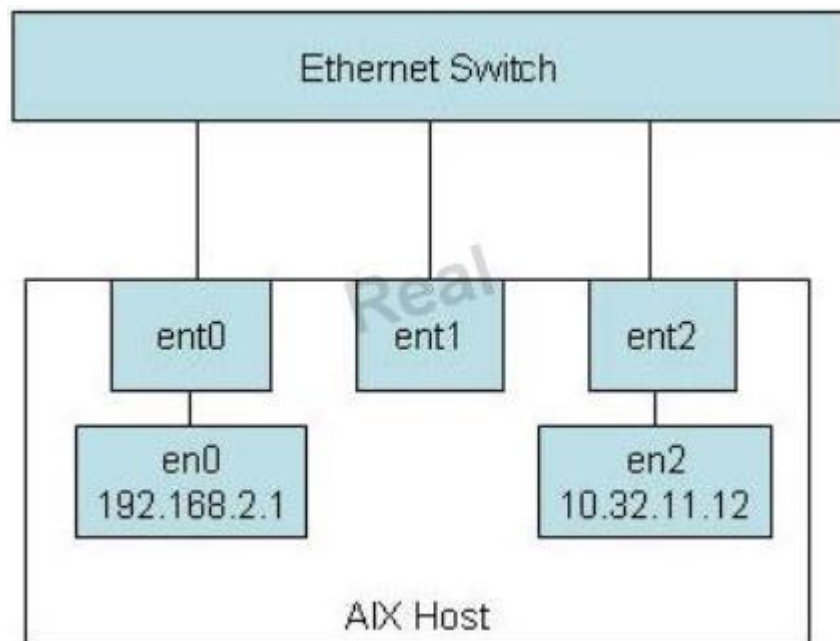
**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 99**

In the following figure, what TWO things must be done before an EtherChannel can be created from the ent0 and ent1 adapters?



- A. The ent0 and ent1 adapters must be connected to different switches to provide both additional bandwidth and adequate redundancy in the EtherChannel that is created.
- B. EtherChannel support capability must be verified for the Ethernet switch.
- C. The IP configuration must be removed from en0.
- D. The AIX host must be completely disconnected from the network,
- E. The en1 interface must be configured with IP information.

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**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 100

A system administrator wants to create a server with network redundancy and maximum I/O throughput over two Ethernet cards. Which option will support the requirement?

- A. Create an 802.3ad Link Aggregation adapter backed by both Ethernet cards and cable to a switch with 802.3ad enabled ports.
- B. Create a Network Interface Backup (NIB) with each Ethernet card being cabled to a different switch.
- C. Create the file /etc/sysconfig/network-scripts/ifcfg-bond0 then edit the two ifcfg-ethX configuration files to add a master or slave option. Cable to two switches and use 802.3ad enabled ports.
- D. Create a virtual adapter and assign it to the server, use both Ethernet adapters as backing devices to the virtual adapter with the mkvdev command. Have each adapter cabled to separate switches.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

Topic 3, Volume C

#### **QUESTION 101**

Which command, when issued from the HMC command line, will attempt to launch a virtual terminal session on lpar1, running on the sys1 managed system?

- A. mkvterm-msys1 -p lpar1
- B. crvterm-ssysy -r lpar1
- C. startvt-h sys1 -l lpar1
- D. startx-vt sys1 -p lpar1

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 102**

A failed disk has been replaced. The administrator wants to purge the references to the failure

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from the AIX error. The errors reported had an SRN of 16F35C72. How can the old errors be removed from the error log?

- A. errpt-d-j 16F35C72

- B. errclear-j 16F35C72
- C. errlogger-r-j 16F35C72
- D. errmsg-d-j 16F35C72

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 103**

An administrator has used setsecattr to associate authorizations with an AIX command. The appropriate stanza has been added to the privileged commands database (/etc/security/privcmds). What must be done before the new authorization can be used?

- A. Run the setkst command to update the kernel security tables.
- B. Assign a new role that the authorization can be associated with and reboot.
- C. Activate the change in the security database with the updateauths command.
- D. Run the refreshsrc -g RBAC command to make the changes effective.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 104**

Where is the file size limit for all users defined?

- A. /etc/security/envIRON
- B. /etc/security/limits
- C. /etc/security/environments
- D. /etc/environment

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 105

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A volume group is mirrored to two external storage systems. One of the storage systems is rebooted for maintenance.

After the storage system is up and available, lsvg shows a disk in a missing state:

datavg:

PV_NAME	PV STATE	TOTAL PPs	FREE PPs	FREE DISTRIBUTION
hdisk1	active	788	0	00..00..00..00..00
hdisk2	missing	788	0	00..00..00..00..00

What command will change the PV STATE from missing to active?

- A. varyonvg
- B. chpv
- C. cfgmgr
- D. chdev
- E. syncvg

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 106

Which action must be completed on the HMC when a partition is in a Recovery state?

- A. Select Configuration and Restore partition data.
- B. Select Recover Partition Data for the managed system.
- C. Select Initialize Partition for the LPAR in Recovery state
- D. Select Configuration and Rebuild Managed System.

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:**

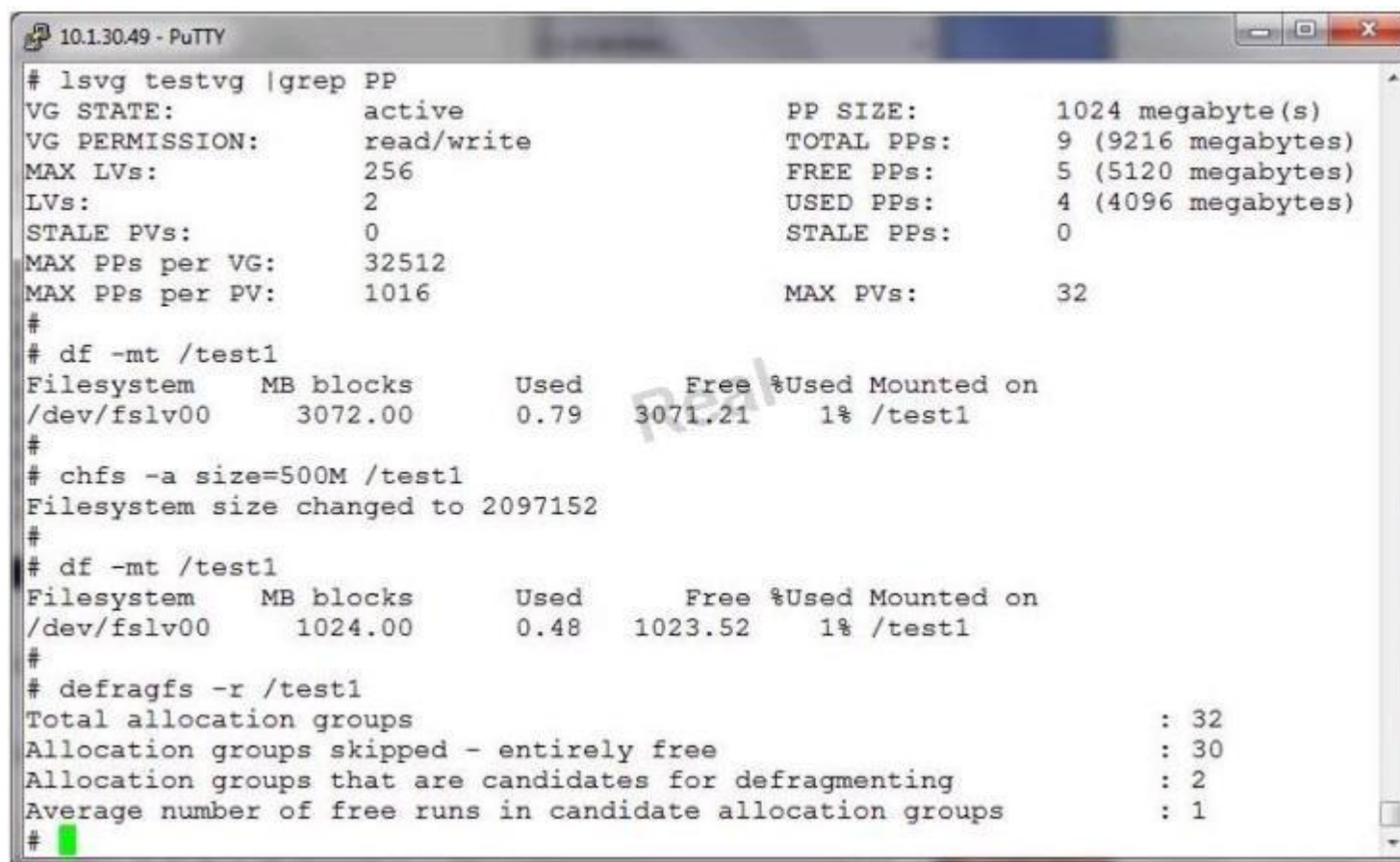
Explanation:

**QUESTION 107**

The /test1 filesystem was built larger than required. An effort to shrink the filesystem was made, but the resulting filesystem size is larger than the size specified. Given the following output, what is the most likely reason?

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```

10.130.49 - PuTTY
# lsvg testvg |grep PP
VG STATE:                active          PP SIZE:                1024 megabyte(s)
VG PERMISSION:           read/write      TOTAL PPs:              9 (9216 megabytes)
MAX LVs:                 256             FREE PPs:               5 (5120 megabytes)
LVs:                     2              USED PPs:               4 (4096 megabytes)
STALE PVs:               0              STALE PPs:              0
MAX PPs per VG:          32512
MAX PPs per PV:          1016            MAX PVs:                32
#
# df -mt /test1
Filesystem      MB blocks      Used      Free %Used Mounted on
/dev/fslv00      3072.00        0.79    3071.21    1% /test1
#
# chfs -a size=500M /test1
Filesystem size changed to 2097152
#
# df -mt /test1
Filesystem      MB blocks      Used      Free %Used Mounted on
/dev/fslv00      1024.00        0.48    1023.52    1% /test1
#
# defragfs -r /test1
Total allocation groups                : 32
Allocation groups skipped - entirely free : 30
Allocation groups that are candidates for defragmenting : 2
Average number of free runs in candidate allocation groups : 1
#

```

- A. Fragmentation of the filesystem
- B. The physical partition size
- C. Amount of data in the filesystem
- D. Volume group status
- E. Options chosen with the df command

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 108**

What action will prevent the nfsd subsystem from activating at boot time?

- A. Update /etc/inetd.conf to remove the call to startsrc for the NFS subsystem group.
- B. Change the Action attribute from 'wait' to 'once' for the rcnfs line within the /etc/inittab.
- C. Remove the /etc/exports file.
- D. Amend the permissions of /etc/rc.tcpip file to remove execution rights.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 109**

Which option will prevent users in the DBA group from logging in using telnet or rlogin?

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- A. Set the rlogin user attribute to 'false1' for each user in the DBA group.
- B. Change the rlogin group attribute to 'false'.
- C. Remove the users in the DBA group from the .rhosts file.
- D. Disable the automatic start up of the telnetd daemon.

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 110**

An AIX LPAR has virtual disks presented by a VIO Server and the administrator would like to determine the size of hdisk0. Which command will show this information?

- A. lsdev
- B. lquervpv
- C. lsattr
- D. getconf
- E. lscfq

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 111**

A system is being taken from AIX 6 to AIX 7. Systems application and user data must be preserved. Which upgrade method will support this requirement?

- A. Migration
- B. Preservation
- C. New and Complete Overwrite
- D. NIM customization with a mkysyb

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 112**

Why would an administrator need to change the type of a volume group (VG) to Scalable?

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- A. An application requires physical partition sizes larger than 512MB.
- B. More than 128 physical volumes need to be added to the volume group.
- C. Performance requirements dictate using per VG pbuf pools.
- D. More than one log logical volume is needed in the VG.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 113**

An administrator has noticed that root receives email every day, stating that the Electronic Service Agent (ESA) has not been configured. The company does not use ESA and the administrator would like the daily emails to stop. How can this be achieved?

- A. Use SMIT to configure the Electronic Service Agent.
- B. Remove the entry generating the email from root's crontab.
- C. Have an IBM SSR add the ESA keys to the HMC.
- D. Order an MES for the system, specifying the feature code to refuse ESA.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 114**

What command will designate /dev/hd7 as a secondary dump device which will remain configured after system reboot?

- A. dumpconf with persistent option
- B. dumpctrl with persistent option
- C. sysdumpdev command with persistent option
- D. cldump with persistent option.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 115**

An administrator would like to update a VIO Server (VIOS) to the latest maintenance level. Which command, run from the restricted shell, will update the operating system on VIOS?

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A. `vios_update`

B. `update_all`

C. `install-all`

D. `updateios`

**Correct Answer:** D

**Section:** (none)

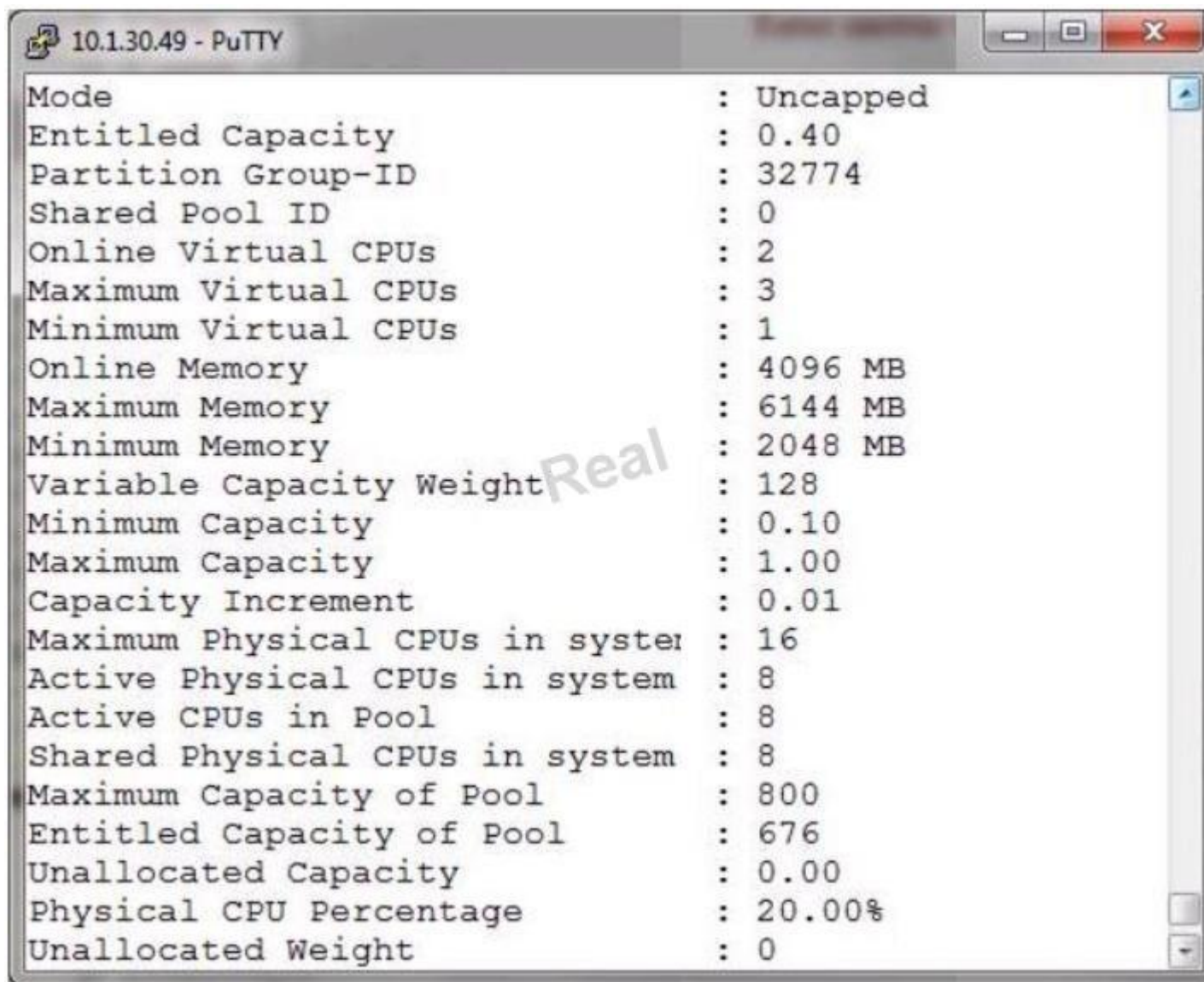
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 116**

Given the this output of the `lparstat -i` command from an LPAR, which statement is true?



A screenshot of a PuTTY terminal window titled "10.1.30.49 - PuTTY". The window displays a list of system configuration parameters for an LPAR. The parameters are listed in two columns, with the parameter name on the left and its value on the right, separated by a colon. The values include capacities, counts, and percentages. A large, semi-transparent watermark with the word "Real" is overlaid diagonally across the center of the terminal output.

```
Mode : Uncapped
Entitled Capacity : 0.40
Partition Group-ID : 32774
Shared Pool ID : 0
Online Virtual CPUs : 2
Maximum Virtual CPUs : 3
Minimum Virtual CPUs : 1
Online Memory : 4096 MB
Maximum Memory : 6144 MB
Minimum Memory : 2048 MB
Variable Capacity Weight : 128
Minimum Capacity : 0.10
Maximum Capacity : 1.00
Capacity Increment : 0.01
Maximum Physical CPUs in system : 16
Active Physical CPUs in system : 8
Active CPUs in Pool : 8
Shared Physical CPUs in system : 8
Maximum Capacity of Pool : 800
Entitled Capacity of Pool : 676
Unallocated Capacity : 0.00
Physical CPU Percentage : 20.00%
Unallocated Weight : 0
```

- A. There are 8 physical CPUs installed configured into 2 processor pools.
- B. All active CPUs are dedicated to this LPAR.
- C. There are 8 active CPUs available for sharing and another 8 active for dedicated use

- D. The LPAR can automatically use up to 8 physical CPUs.
- E. The LPAR can utilize processing capacity from any of the active CPUs.

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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#### **QUESTION 117**

Automated scripts on an AIX system require secure non-root access to another AIX instance. Secure Shell (SSH) was the method chosen and installed on both systems. How can an administrator use SSH to create secure automated jobs without storing passwords in the automated scripts?

- A. issue ssh-keygen -t dsa on the source as non-root user append source id\_dsa.pub contents to target /etc/ssh/sshd\_config file restart sshd daemon
- B. issue ssh-keygen -t dsa on the source as root append source id\_dsa.pub contents to /etc/ssh/ssh\_config file on the target restart sshd daemon
- C. issue ssh-keygen -t dsa on the source as non-root user append source id\_dsa.pub contents to the authorized\_keys file on the target restart sshd daemon
- D. issue ssh-keygen -t dsa on the source as non-root user append source id\_dsa.pub contents to the authorized\_keys file on the target

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 118**

Where is Cluster Aware AIX cluster configuration data stored?

- A. A shared disk that is accessible from all nodes
- B. A NFS filesystem that is accessible by all nodes
- C. A shared system pool that is accessible by all nodes
- D. A master copy on one node and the data is replicated to the local disk of the other nodes

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 119**

Which RAID technology will provide the maximum data protection and available storage for a system with 6 physical disks?

- A. RAID 0 (striping)
- B. RAID 1 (mirroring)  
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- C. RAID 5 + Hot Spare (striping + parity + spare)
- D. RAID 6 (striping + double parity)

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 120**

A NIM server is used to support different AIX Technology Levels among several clients. Each technology level is maintained in a separate lpp\_source. Which command(s) will display what AIX fixes are available for several TL levels supported by a NIM server?

- A. niminv-o fixget-a targets=lpp\_source1,lpp\_source2
- B. nim\_update\_check-lsumalpp\_source1 nim\_update\_check-lsumalpp\_source2
- C. nim-o cust-a fixes=update\_all lpp\_source1lpp\_source2
- D. nim -o lppmgr-a lppmgr\_flags="lsb" lpp\_source1, lpp\_source2

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 121**

The following output shows that a logical volume was renamed, but the change does not appear to be effective. What is the most likely cause?

```
10.1.30.49 - PuTTY
# mount
node      mounted      mounted over    vfs      date      options
-----
/dev/hd4   /               /               jfs2     Oct 04 18:21 rw,log=/dev/hd8
/dev/hd2   /usr            /usr            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd9var /var            /var            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd3   /tmp            /tmp            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd1   /home           /home           jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd11admin /admin         /admin          jfs2     Oct 04 18:22 rw,log=/dev/hd8
/proc      /proc           /proc           procfs   Oct 04 18:22 rw
/dev/hd10opt /opt            /opt            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/livedump /var/adm/ras/livedump jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/fslv00 /db2db          /db2db          jfs2     Oct 05 09:56 rw,log=/dev/loglv00
# /usr/sbin/chlv -n'db2lv' fslv00
# mount
node      mounted      mounted over    vfs      date      options
-----
/dev/hd4   /               /               jfs2     Oct 04 18:21 rw,log=/dev/hd8
/dev/hd2   /usr            /usr            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd9var /var            /var            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd3   /tmp            /tmp            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd1   /home           /home           jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/hd11admin /admin         /admin          jfs2     Oct 04 18:22 rw,log=/dev/hd8
/proc      /proc           /proc           procfs   Oct 04 18:22 rw
/dev/hd10opt /opt            /opt            jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/livedump /var/adm/ras/livedump jfs2     Oct 04 18:22 rw,log=/dev/hd8
/dev/fslv00 /db2db          /db2db          jfs2     Oct 05 09:56 rw,log=/dev/loglv00
#
```

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- A. The command did not perform the change.
- B. The filesystem needs to be remounted.
- C. Only raw logical volumes can be renamed.
- D. The log device needs to be renamed as well.
- E. The volume group should have been inactive.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 122**

An administrator is required to create a System WPAR and configure it for mobility, which command will do this?

- A. mkwpar-c wparname
- B. mkwpar-m wparname
- C. crwpar-c wparname
- D. crwpar-m wparname

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 123**

How can an administrator use the logical volume information returned by the `lslv -m` command?

- A. To determine the amount of available (unused) space in the logical volume
- B. To determine which physical partitions are free for use by the logical volume
- C. To determine which physical partitions are allocated to the logical volume
- D. To determine the current state of the logical volume

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 124**

From which location can an administrator update system firmware?

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- A. The Systems Management menu on the ASMI
- B. The IBM Support directory in the service partition
- C. The Updates menu on the HMC
- D. The NIM server update menu

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 125**

Which command is used to determine the memory use of either a particular process or whole AIX system?

- A. netpmon
- B. vmstat
- C. svmon
- D. truss
- E. ps
- F. rmss

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 126**

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:**

Explanation:

#### **QUESTION 127**

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

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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:**

Explanation:

#### **QUESTION 128**

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:**

Explanation:

**QUESTION 129**

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:**

Explanation:

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**QUESTION 130**

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
db1v01	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:**

Explanation:

#### **QUESTION 131**

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:**

Explanation:

#### **QUESTION 132**

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:**

Explanation:

**QUESTION 133**

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 crontab command with SUDO.
- C. Enable them to view the /var/spool/cron/log file with unix file permissions.
- D. Enable them to use the Iscrontab command by adding them to the system group.

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 134**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 135**

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?

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- 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:**

Explanation:

**QUESTION 136**

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:**

Explanation:

**QUESTION 137**

Why does the following ksh code segment fail to run?

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

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**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 138**

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:**

Explanation:

#### **QUESTION 139**

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:**

Explanation:

#### **QUESTION 140**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 141**

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:**

Explanation:

**QUESTION 142**

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:**

Explanation:

**QUESTION 143**

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
```

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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:**

Explanation:

#### **QUESTION 144**

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:**

Explanation:

#### **QUESTION 145**

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:**

Explanation:

#### **QUESTION 146**

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Which command creates an application WPAR?

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 147**

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:**

Explanation:

**QUESTION 148**

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:**

Explanation:

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**QUESTION 149**

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:**

Explanation:

**QUESTION 150**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 151**

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.

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**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 152**

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:**

Explanation:

#### **QUESTION 153**

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

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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:**

Explanation:

**QUESTION 154**

Which procedure will create a NIM lpp\_source resource from an ISO image?

- A. 

```
mklv -y cdlv -L /dev/cdlv rootvg 4500M hdisk0  
cp /images/71_DVD1.iso /dev/cdlv  
mount -v cdrfs -o ro /dev/cdlv /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:**

Explanation:

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**QUESTION 155**

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:**

Explanation:

**QUESTION 156**

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:**

Explanation:

**QUESTION 157**

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.

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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:**

Explanation:

**QUESTION 158**

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:**

Explanation:

**QUESTION 159**

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
```

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- 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:**

Explanation:

**QUESTION 160**

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
(Leave blank to restore entire archive.)
[ /tmp/ ]      /
VERBOSE output?          [/etc/mail/sendmail.cf]
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 Real 68 IBM C4040-221 Exam
- D. The file to restore must be correctly delimited relative to the backup

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 161

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:**

Explanation:

**QUESTION 162**

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:**

Explanation:

**QUESTION 163**

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?

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Add Another Paging Space

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

	[Entry Fields]
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:**

Explanation:

#### **QUESTION 164**

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:**

Explanation:

#### **QUESTION 165**

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:**

Explanation:

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**QUESTION 166**

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.

EtherChannel / Link Aggregation                               [Entry Fields]
Parent Adapter                                                ent4
EtherChannel / Link Aggregation Adapters                     NONE
Backup Adapter                                                ent0
Automatically Recover to Main Channel                         ent2
Perform Lossless Failover After Ping Failure                 yes
Delete Backup Adapter                                         yes
Add Main Adapter
Delete Main Adapter
Add Backup Adapter
Enable Alternate Address                                       no
Alternate Address                                              [0x000000000000]
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:**

Explanation:

**QUESTION 167**

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:**

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Explanation:

**QUESTION 168**

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:**

Explanation:

**QUESTION 169**

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

- 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:**

Explanation:

#### **QUESTION 170**

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.  
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- 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:**

Explanation:

#### **QUESTION 171**

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:**

Explanation:

#### QUESTION 172

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=`lspv|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=`lspv|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
```

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- 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:**

Explanation:

### **QUESTION 173**

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:**

Explanation:

### **QUESTION 174**

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:**

Explanation:

### **QUESTION 175**

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

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- 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:**

Explanation:

#### **QUESTION 176**

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:**

Explanation:

#### **QUESTION 177**

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:**

Explanation:

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**QUESTION 178**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 179**

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:**

Explanation:

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**QUESTION 180**

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:**

Explanation:

**QUESTION 181**

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

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- 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:**

Explanation:

**QUESTION 182**

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:**

Explanation:

#### **QUESTION 183**

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:**

Explanation:

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#### **QUESTION 184**

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)**

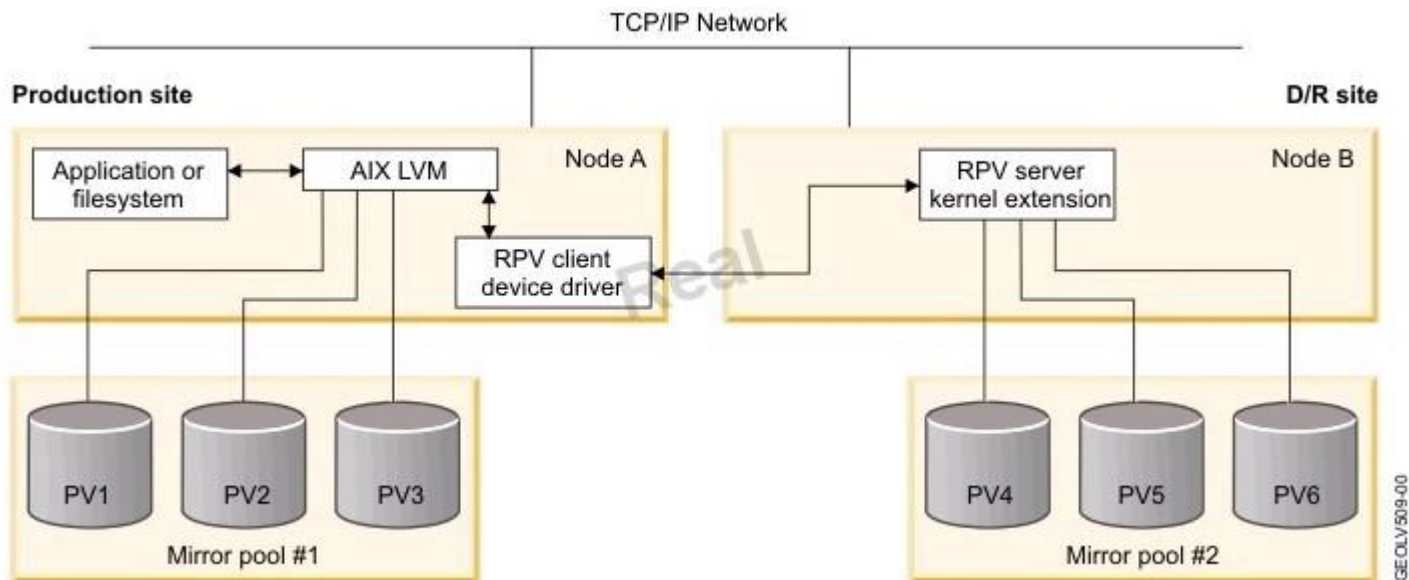
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 185**

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:

Explanation:

### QUESTION 186

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

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- 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:

Explanation:

### QUESTION 187

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:**

Explanation:

#### **QUESTION 188**

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?

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- 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:**

Explanation:

#### **QUESTION 189**

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:**

Explanation:

**QUESTION 190**

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:**

Explanation:

**QUESTION 191**

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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)

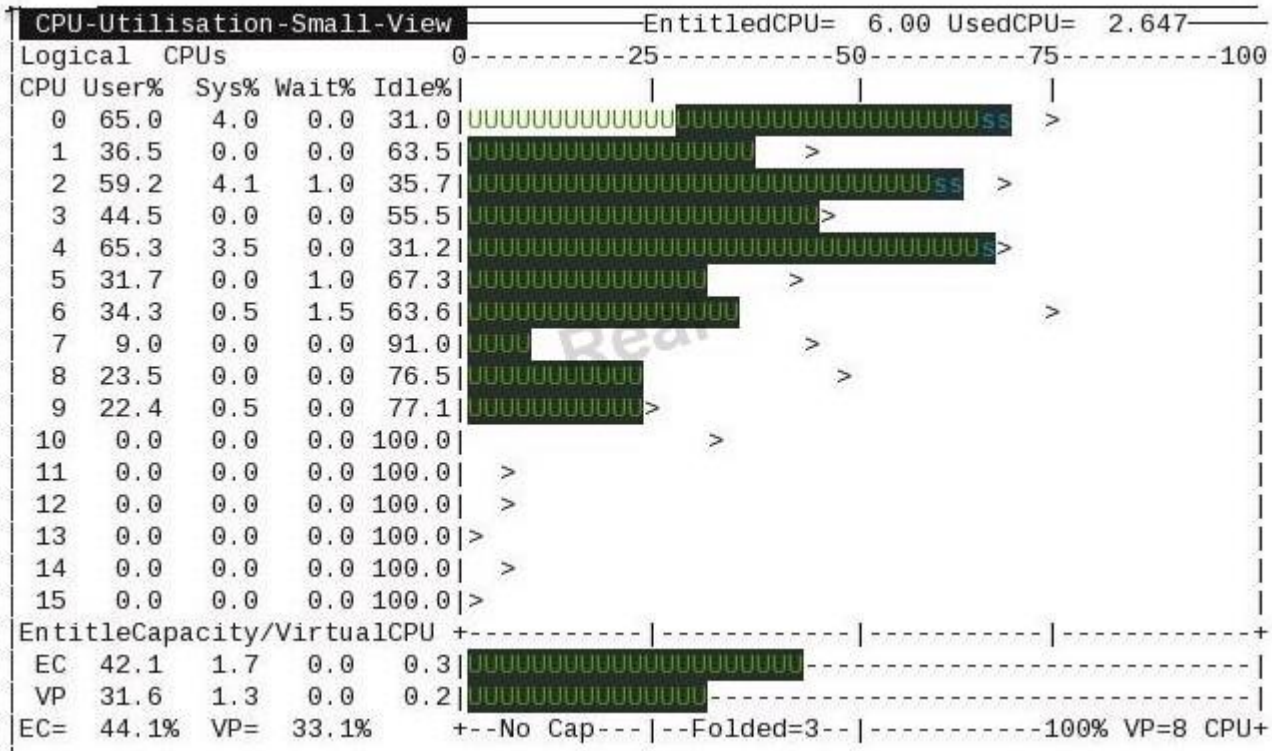
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 192**

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:**

Explanation:

**QUESTION 193**

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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. Verily 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:**

Explanation:

#### **QUESTION 194**

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:**

Explanation:

#### **QUESTION 195**

Consider the following information:

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```
# 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:**

Explanation:

**QUESTION 196**

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:**

Explanation:

**QUESTION 197**

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

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```
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:**

Explanation:

#### **QUESTION 198**

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:**

Explanation:

#### **QUESTION 199**

How will the following command change the datalv logical volume?

`chlv --e m datalv`

- A. The logical volume will be encrypted with the key in a file named "m".  
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- 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:**

Explanation:

**QUESTION 200**

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:**

Explanation:

**QUESTION 201**

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:**

Explanation:

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#### **QUESTION 202**

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:**

Explanation:

#### **QUESTION 203**

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:

Explanation:

### QUESTION 204

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
```

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- 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:

Explanation:

### QUESTION 205

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:**

Explanation:

#### **QUESTION 206**

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?

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```
# 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:**

Explanation:

#### QUESTION 207

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:**

Explanation:

#### QUESTION 208

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:**

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Explanation:

**QUESTION 209**

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:**

Explanation:

**QUESTION 210**

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:**

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Explanation:

**QUESTION 211**

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

```

Topas 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

PAGING  MEMORY
Faults  12838  Real,MB 131072
Steals  3026  % Comp  85
PgspIn  0      % Noncomp 14
PgspOut 0      % Client 14
PageIn  10762  PAGING SPACE
PageOut 443  Size,MB 16384
Sios    11205  % Used  8
        % 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:**

Explanation:

#### QUESTION 212

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:**

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Explanation:

#### **QUESTION 213**

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:**

Explanation:

#### **QUESTION 214**

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:**

Explanation:

**QUESTION 215**

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

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**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 216**

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:**

Explanation:

**QUESTION 217**

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
```

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- 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:**

Explanation:

**QUESTION 218**

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:**

Explanation:

**QUESTION 219**

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:**

Explanation:

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**QUESTION 220**

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

$slsv db2sp1
LOGICAL VOLUME:      db2sp1              VOLUME GROUP:      exevg
LV IDENTIFIER:      00c66d0200004c0000000121e74cafe9.1 PERMISSION:      read/wri
te
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:**

Explanation:

**QUESTION 221**

What must be done to change the default AIX login screen, which is displayed before the login

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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:**

Explanation:

**QUESTION 222**

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
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**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 223**

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:**

Explanation:

#### **QUESTION 224**

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:

Explanation:

### QUESTION 225

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.

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```
#> 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:

Explanation:

### QUESTION 226

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

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```
$ client1: lscfg -l hdisk1
hdisk1 U9117.MMB.104877F-V80-C22-T1-W500507680110D 2A9-L0 MPIO FC 2145
```

```
$ client1: lspath -l hdisk1
Enabled hdisk1 fscsi0
Enabled hdisk1 fscsi1
Enabled hdisk1 fscsi2
Enabled hdisk1 fscsi3
```

```
$ vio1: lsmap -npiv -vadapter vfchost140
Name          Physloc          CIntID CIntName          CIntOS
-----
vfchost140 U9117.MMB.104877F-V3-C803 80 LP80_au04idb00 2vhix2AI
```

```
Status:LOGGED_IN
FC name:fcs2          FC loc code:U78C0.001.DBJ6367-P2-C2-T1
Ports logged in:2
Flags:a<LOGGED_IN,STRIP_MERGE>
VFC client name:fcs0   VFC client DRC:U9117.MMB.104877F-V3-C22
```

```
$ vio1: lsmap -npiv -vadapter vfchost141
Name          Physloc          CIntID CIntName          CIntOS
-----
vfchost141 U9117.MMB.104877F-V3-C805 80 LP80_au04idb00 2vhix2AI
```

```
Status:LOGGED_IN
FC name:fcs6          FC loc code:U78C0.001.DBJ6184-P2-C2-T1
Ports logged in:2
Flags:a<LOGGED_IN,STRIP_MERGE>
VFC client name:fcs2   VFC client DRC:U9117.MMB.104877F-V3-C24
```

```
$ vio2: lsmap -npiv -vadapter vfchost140
Name          Physloc          CIntID CIntName          CIntOS
-----
vfchost140 U9117.MMB.104877F-V4-C804 80 LP80_au04idb00 2vhix2AI
```

```
Status:LOGGED_IN
FC name:fcs2          FC loc code:U78C0.001.DBJ6367-P2-C6-T1
Ports logged in:2
Flags:a<LOGGED_IN,STRIP_MERGE>
VFC client name:fcs1   VFC client DRC:U9117.MMB.104877F-V4-C23
Ports logged in:2
Flags:a<LOGGED_IN,STRIP_MERGE>
VFC client name:fcs1   VFC client DRC:U9117.MMB.104877F-V4-C23
```

```
$ vio2: lsmap -npiv -vadapter vfchost141
Name          Physloc          CIntID CIntName          CIntOS
-----
vfchost141 U9117.MMB.104877F-V4-C806 80 LP80_au04idb00 2vhix2AI
```

```
Status:LOGGED_IN
FC name:fcs6          FC loc code:U78C0.001.DBJ6184-P2-C6-T1
Ports logged in:2
Flags:a<LOGGED_IN,STRIP_MERGE>
VFC client name:fcs3   VFC client DRC:U9117.MMB.104877F-V4-C25
```

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 227**

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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:**

Explanation:

#### **QUESTION 228**

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?

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General	<b>Processors</b>	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:**

Explanation:

**QUESTION 229**

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.  
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- 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:**

Explanation:

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