



Exam : 000-191

Title : IBM Certified Specialist - pSeries AIX System  
Administration ☐ ☐

Ver : 12-16-08

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**QUESTION 1:**

Certkiller .com is starting up a new division. Their current configuration is 10 GB of hard disk space and 512 MB of memory. These are also the minimum requirements for the software. The division will be expanding rapidly and users are expected to double in size within six months. What server should the division start with to meet current and future needs?

- A. 2 processors, 1 GB memory, 20 GB Hard Disk space
- B. 4 processors, 1 GB memory, 10 GB Hard Disk space
- C. 1 processors, 512 MB memory, 40 GB Hard Disk space
- D. 3 processors, 512 MB memory, 40 GB Hard Disk space

Answer: A

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**QUESTION 2:**

The finance group at Certkiller .com has just approved a new financial package that runs on a RS/6000. The old data will be converted to the new system. Currently they have 10 GB of data but will be growing to 18 GB with the new system because they want to maintain 1 year of history online. The new system is a pSeries 620 with 512 MB of RAM, an SSA card, two 9.1 GB SSA drives and a single FDDI card. What would be the best addition to this system for redundancy?

1. One SSA card
2. Two 9.1 GB SSA drives
3. Error correction RAM
4. Two additional processors

- A. 1.2
- B. 4.1
- C. 4.2
- D. 301

Answer: A

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**QUESTION 3:**

What is the correct command to reject applied software?

- A. Instfix-r
- B. Installp-u
- C. Installp-r
- D. Instfix-u

Answer: C

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**QUESTION 4:**

A system administrator installed the trusted computing base to accommodate the arrival of a new system although the OS requirements did not specify this as a necessity. The application developers have requested that the trusted computing base be removed, since it is not needed. What must the administrator do to remove this feature?

- A. Run "lspp -f bos.security.tcb.rte"
- B. Remove the bos.security.tcb.rte fileset.
- C. Run "tcbconfig -c off" to turn off the trusted computing base.
- D. Re-install the system without the trusted computing base option.

Answer: D

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**QUESTION 5:**

A system administrator has decided to perform a preservation installation on one of the machines to see how the process works. There are several files in var that the system administrator would like to save. However, in reading about the preservation process, the system administrator notices that /var is one of the filesystems that is overwritten. In order to prevent the files from being overwritten, what must the system administrator do?

- A. Use the "mkpreserve -f" command
- B. Copy the files to /usr prior to the upgrade.
- C. Update /etc/preserve.list with the files to be saved.
- D. Run "restore -xvqf/dev/hdisk0" after doing the preservation installation.

Answer: C

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**QUESTION 6:**

An AIX server called test123, has approximate 120 MB of physical memory. The system administrator has been experiencing paging space problems. Using the output below, what might the system administrator do to alleviate the paging space problem?

```
root@test123:/  
#isps -a  
page space physical volume volume group size %used active  
auto type  
hd6 hdisk0 rootvg 60MB 98 yes yes iv paging00  
hdisk0 rootvg 60MB 92 yes yes iv
```

- A. Remove all paging space and use only RAM.

- B. Delete paging00, and increase hd6 by 60 MB.
- C. Increase the total size of paging space so that it is at least 240 MB.
- D. Move paging00 to hdisk0, so that both paging space occupy the same hdisk.

Answer: C

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**QUESTION 7:**

After completing the installation of the Base Operating System on one of the servers, the system administrator would like for all users who telnet into this machine to see a specific message after they log in successfully. Which files should be edited to provide this message?

- A. /etc/motd
- B. /etc/massage
- C. /etc/environment
- D. /etc/security/login.cfg

Answer: A

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**QUESTION 8:**

A system administrator has just finished installing the Performance Toolbox on a system and would like to list the files that are associated with this particular product. Which of the following commands will display this information?

- A. lpchk - f perfagent.tools
- B. lspp - perfagent.tools
- C. installp - f perfagent.tools
- D. cat/stc/objrepos/perfagent.tools

Answer: B

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**QUESTION 9:**

Certkiller .com would like to install a their third party product called Applet.rte. Upon trying to install the product, the system administrator receives an error indicating that the prerequisite software. BaseProdnet. Is missing. BaseProd net is located on another CD. When the system administrator tries to install that product, it fails and indicates that it is missing Applet.rte. Which of the following approaches would assist in silving this problem?

- A. Copy both products into a directory and install from there.
- B. Go back to the first CD and try installing Applet.rte again.
- C. Install BaseProd.net and then switch CDs during the installation.
- D. Get another CD-ROM and install from both CD-ROMs at the same time.

Answer: A

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**QUESTION 10:**

Certkiller .com has upgrade its software and the new version disabled some of the critical functions. The software has been applied, but has not been committed. The system administrator has already created a file called instsoft.txt. that contains all the filesets to be rejected. What is the command to reject the software?

- A. installp - Rbx - f instsoft.txt
- B. installp - Ubx - f instsoft.txt
- C. instfix - rgX -f instsoft.txt
- D. instfix - ugX -f instsoft.txt

Answer: A

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**QUESTION 11:**

A system administrator encountered a strange problem and reported it to AIX Support. The system administrator was told by support that the problem was resolved a specific fix that the system administrator installed just last week. In order to verify whether or not the system administrator has the APAR in question installed, which of the following can be run?

- A. fsck -y
- B. instfix -ik
- C. chkfix -all
- D. lspp -f

Answer: B

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**QUESTION 12:**

A system administrator normally puts updates and patches in an install directory that is available to everyone in her department. The system administrator has been notified that a colleague can not see an update in the smit listing . However, the system administrator is sure that she copied the images out there. Which of the following actions did the system administrator most likely forget to perform?

- A. Re-export the filesystem
- B. Touch the signature file in the install directory
- C. Run "inutoc" on the directory containing the images
- D. Run "installp - qld" on the directory to make the images available

Answer: C

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**QUESTION 13:**

A system administrator needs to remove some updates to some third party software. The administrator needs to put the filesets back to the original before the update was installed. Unfortunately the update has already been committed. The administrator is trying to reinstall the least amount of software possible. What command should be used to remove the updates to the product?

- A. verifylp -Rb
- B. removelp -rg
- C. installp -Ub
- D. uninstallp - ug

Answer: C

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**QUESTION 14:**

APARS and PTFs are available online via which utility?

- A. fixdist
- B. instfix
- C. lppchk
- D. tcbck

Answer: A

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**QUESTION 15:**

In order to upgrade from AIX version 4.3 to 5.1, which of the following actions should be performed?

- A. Run smit update\_all
- B. Run smit install\_all
- C. Boot from the installation media
- D. Run update\_all from the mounted CD

Answer: C

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**QUESTION 16:**

A co-worker accidentally erased the/project/current directory from their version 4 system, which was full of files that a system administrator had been working on. The/project/current directory is located within the root volume group A mksysb backup had been made one day earlier. Once the tape has been rewound, which of the following commands should be run in order to restore the directory and all files

contained therein?

- A. tar -xvf / project/current
- B. dd if=rmt0 of =/project/current
- C. cpio - v- d <dev/rmt0"/project/current/"
- D. restore - x -d-v-s4-f/dev/rmt0 .1/project/current

Answer: D

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**QUESTION 17:**

The System Administrator has added three new drives to the server one 9.1 GB SSA, one 17 GB SCSI and one 10 GB SCSI. The Administrator has run cfgmgr successfully with no errors. Which command is used to check the available drives and devices on the system?

- A. lspv -a
- B. cfgmgr -v
- C. lsattr -a
- D. lsdev C- H

Answer: D

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**QUESTION 18:**

A 1500 page print job was sent to the "pci" queue. The job had been running for several minutes when it was determined that the job was not needed. What can be done to delete the job?

```
Ipstat
Queue Dev Status Job Files User PP%
Biks Cp Rnk
-----
pc1 pc1 Running 201 STD IN.27648 root
750 50 1000 1 1
```

- A. Cancel 201
- B. Disable pci
- C. Rm/var/spool/lpd/201 job
- D. Delete files in var/spool/lpd/qdir

Answer: A

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**QUESTION 19:**

A system has crashed and upon bringing the system back up the administrator notices a huge print job has been spooled. The system administrator has been able

to disable the printer but a third party software keeps enabling it. The administrator has tried to cancel the job but the crash corrupted the cancel command. What is an alternative way to cancel the queued job?

- A. Turn off the printer, then turn it back on.
- B. Run the cancellall command
- C. Uninstall the third party software that keeps re-enabling the printer
- D. Delete the correct file in the /var/spool/lpd/qdir directory

Answer: D

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#### **QUESTION 20:**

A customer has cloned a machine via mksysb. The source machine contained a graphic adaptor and display and was running Xwindows. The target machine has an IBM 3151 terminal and no graphics capability. The customer states that they are seeing the message below repeatedly scroll across the login screen. To prevent this message from appearing, which of the following actions should be taken?

\*\*\*\*\*Starting Desktop Login on display : 0?\*\*\*Wait for the Desktop Login Screen before logging in.\*\*\*\*\*

- A. Run the cdecfg - disable command
- B. Run the startx - no command and reboot
- C. Run the dtconfig - d command and reboot.
- D. Remove the X=start line from the /etc/security/login.cfg file and reboot.

Answer: C

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#### **QUESTION 21:**

Which of the following commands can be used to determine the serial port settings?

- A. lscfg - vl ttyXX
- B. ls - l /dev/ttyXX
- C. lsattr - ElttyXX
- D. lsdev - Clgrep ttvXX

Answer: C

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#### **QUESTION 22:**

The qdaemon subsystem is not running. What command can be used to start it?

- A. telinit q
- B. init - s qdaemon
- C. refresh - s qdaemon



D. startsrc - s qdaemon

Answer: D

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**QUESTION 23:**

A system administrator has just set up a new machine with two external hard disks in an ultra SCSI chain. One is a 9.1 GB ultra SCSI SE disk and the other is a 18.2 GB Differential disk. The system administrator reboots the machine and notices that only the SE disk is available. Which of the following is the most likely cause?

- A. There is a SCSI conflict between the two drives.
- B. The SE and Differential drives are on the same chain.
- C. The SE disk is probably experiencing hardware problems.
- D. The Differential disk is experiencing hardware problems.

Answer: B

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**QUESTION 24:**

While using the smit install menus to install an LPP, the response "yes" has been selected to the option. EXTEND file systems if space needed. After successfully installing the LPP, the system administrator notices the /tmp filesystem is now unnecessarily large. Which of the following actions will reduce the size of the /tmp filesystem?

- A. Backup, unmount, remove, recreate and restore the filesystem.
- B. Unmount, run defragfs /usr and the reducefg - size xxx /usr commands.
- C. Boot from mksysb tape and follow the procedure to reduce the filesystem.
- D. Update/etc/filesystems with the desired size for/tmp and reboot the system.

Answer: C

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**QUESTION 25:**

After installing fileset updates to upgrade the system from 4.3.2 to 4.3.3 the "oslevel" command still reports the oslevel to be "4.3.2.0". What can be done to determine which filesets still need to be upgraded so the oslevel command will report "4.3.3.0"?

- A. lppchk - v
- B. oslevel - l 4.3.3.0
- C. installp - l 4.3.3.0
- D. instfix - q l 4.3.3.0

Answer: B

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**QUESTION 26:**

A package called web\_Master was installed on a machine some time ago. However, this software is no longer needed and should be removed. Upon examining the lslpp output it is discovered that the software is in the COMMIT state. Which of the following is the the next step that should be taken?

- A. Reinstall the entire operating system.
- B. Remove the committed software using SMIT
- C. Use the SMIT\_recinfig option to change the state to "OPEN"
- D. Remove the/lpp/Web\_Master directory from the root filesystem.

Answer: B

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**QUESTION 27:**

A system administrator's daily monitoring has revealed a failing disk drive. Where would this information be revealed?

- A. lspv
- B. errpt
- C. syslog
- D. /var/adm/messages

Answer: B

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**QUESTION 28:**

After completing an installation of new software, the system administrator notices the system is running sluggish. What AIX COMMAND COULD BE USED TO PROVIDE A REAL-TIME DISPLAY OF cpu, MEMORY AND DISK UTILIZATION?

- A. /usr/bin/lssr
- B. /usr/bin/topas
- C. /usr/bin/vmstat
- D. /usr/sbin/monitord

Answer: B

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**QUESTION 29:**

The system administrator has just finished upgrading a system to AIX 5.1.0 In case there are future problems, the system administrator would like to add an entry to the AIX errorlog recording this event. What command can be issued to accomplish

this?

- A. /usr/bin/errmsg "System upgraded to AIX 5.1.0"
- B. /usr/bin/errlog "System upgraded to AIX 5.1.0"
- C. /usr/bin/errupdate "System upgraded to AIX 5.1.0"
- D. /usr/bin/errlogger "System upgraded to AIX 5.1.0"

Answer: D

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**QUESTION 30:**

Given the following output of the errpt command:

```
IDENTIFIER  TIMESTAMP  T C RESOURCE_NAME DESCRIPTION  
B617E928 062409001 T H rmt0 TAPE OPERATION ERROR
```

What command would display more information about this error?

- A. diag - t-h
- B. lsdev -C- lrmt0
- C. errmsg - I B617E928
- D. errpt - a - Jb617E928

Answer: D

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**QUESTION 31:**

To correct a networking issue, a fix needs to be applied to a server running AIX.

What command can be used to list all of the fixes that can be installed on this platform from a fix CD-ROM?

- A. lspp -T-l-d/dev/cd0
- B. instfix 0T - d/dev/cd0
- C. listfix - l-d/dev/cd0
- D. installp -T -l-d/dev/cd0

Answer: B

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**QUESTION 32:**

A system administrator is working on an AIX server. The system administrator would like to gracefully reboot the server. How should the system administrator go about doing this?

- A. Use the shutdown -F command
- B. Use the pwrdownsys command
- C. Use the shutdown -r command
- D. Unplug the server, and then plug back in.

Answer: C

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**QUESTION 33:**

A daemon program named "dbupdater" runs under the user "dbrun". It needs to have environment variable "RECOVERY=YES" defined when it initializes for the first time. Where should this environment variable be defined?

- A. In the /home/dbrun/profile file
- B. In the / profile file
- C. In the / etc/ profile file
- D. In the /etc/security/environment file

Answer: A

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**QUESTION 34:**

The system administrator would like to allow only the root user to use the crontab command to schedule jobs. What action should be taken to ensure this?

- A. Add all non-root users to the /etc/cron.deny file.
- B. Delete the /var/adm/cron/cron.allow and /var/adm/cron/cron.deny files.
- C. Add the root user to the /etc/cron.allow.file.
- D. Remove the /var/spool/cron/users directory

Answer: B

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**QUESTION 35:**

A marketing group has requested that anew statistical analysis software package be installed on its server. After reading the installation documentation, two requirements were identified:

1. A 300 MB filesystem/apps/stats.
2. APARIX73456 must be installed.

The system administrator has decided to put the new application into its own volume group. What resources are required to add a new volume group?

- A. an unallocated disk
- B. 500 mb free space in the root filesystem
- C. 500 mb free space in the tmp filesystem
- D. unallocated partitions in the root volume group

Answer: A

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**QUESTION 36:**

A system administrator has been asked to migrate the dev\_vg volume group from workstation A to workstation B. The dev\_vg volume group contains a single filesystem named "/development". The associated physical volume has been removed from workstation A and attached to workstation B and is now available as hdisk1. Which of the following commands should be run before /development can be mounted?

- A. mkvg hdisk1
- B. varyonvg dev\_vg hdisk1
- C. importvg - y dev\_vg hdisk1
- D. mkvg-d/dev/hdisk1 dev\_vg

Answer: C

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**QUESTION 37:**

Several error log entries are indicating that hdisk5 is going bad. Before it completely fails, the system administrator decides to copy the information from that disk to the other five hard disks in that volume group. Which of the following commands should be used?

- A. copyfs
- B. movelv
- C. populatefs
- D. migratepv

Answer: D

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**QUESTION 38:**

A system administrator's daily monitoring has revealed a failing disk drive. The drive that is failing, hdisk0, is a lvm mirrored drive. What is the first step that should be taken in order to physically replace this drive?

- A. Remove the physical volume from the system
- B. Remove the physical volume from the volume group
- C. Remove the physical partitions from the volume group
- D. Remove the logical volume copies from the failing drive.

Answer: D

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**QUESTION 39:**

Which of the following commands can be used to transfer data from one hdisk to another within the same volume group?

- A. copylv
- B. copypv
- C. migrateiv
- D. migratepv

Answer: D

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**QUESTION 40:**

What step must be taken prior to removing a filesystem?

- A. Unmount the filesystem
- B. Remove the logical volume
- C. Delete the data from the filesystem
- D. Remove the nfs export for the filesystem

Answer: A

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**QUESTION 41:**

In order to increase the size of a filesystem, the system administrator must do which of the following?

- A. Unmount the filesystem
- B. Boot the system into single user mode
- C. Have enough system free physical partitions within the volume group
- D. Backup the filesystem, change the size, restore the filesystem

Answer: C

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**QUESTION 42:**

A system administrator would like to list all paging spaces residing on the server. What is the correct syntax of the command in order to accomplish this?

- A. lsps -a
- B. lsps -s
- C. lsps -l
- D. lsps -d

Answer: A

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**QUESTION 43:**

While attempting to increase the size of a filesystem, the following error message is displayed "Maximum allocation of logical partitions exceeded". Which of the

following actions will correct this situation?

- A. Increase the default block size for the filesystem
- B. Increase the PP size for the appropriate volume group
- C. Increase the LP size for the appropriate volume group
- D. Increase the maximum number of LPs for the appropriate logical volume

Answer: D

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**QUESTION 44:**

The filesystem /backup residing on logical volume lv\_backup is full. What command will add 50 MB of additional space to this filesystem?

- A. chlv - s +50 lv\_backup
- B. mkfs - s 102400 /backup
- C. extendlv lv\_backup 102400
- D. chfs - a size=+102400/backup

Answer: D

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**QUESTION 45:**

The performance of a new database server has deteriorated to an unacceptable level and several processes have been unexpectedly killed. Which if the following is the most likely the cause of the problem?

- A. The rss ulimit is set too low.
- B. The/usr filesystem is 100% full.
- C. The paging space has been filled.
- D. There are not enough configured shared memory segments.

Answer: C

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**QUESTION 46:**

A machine has a bootlist that is set for network booting. In attempting access the SMS menus in order to change the bootlist to the local disk, it is discovered that someone has set an SMS supervisory password and the password is not recorded. Which of the following actions will allow the system administrator to gain access to the SMS menus?

- A. Boot from AIX installation media, then reinstall SMS.
- B. Boot from AIX installation media, then reset the supervisory password.
- C. Call IBM and ask for the "over-ride" password based on machine serial number.
- D. Remove the battery from the system for at least 1 minute, Replace the battery and

reboot.

Answer: D

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**QUESTION 47:**

A system administrator would like to create a new printer queue in order to print a document in a different format. Which of the following files should be modified with this new information?

- A. /etc/lpr
- B. /etc/lpq
- C. /etc/lpstat
- D. /etc/qconfig

Answer: D

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**QUESTION 48:**

A system administrator has a production server with several application volume groups that are mirrored via LVM mirroring. One of these volume groups contains an application binaries filesystem, /binaries which require nightly backups. The customer service level agreement stats that downtime will be kept to a minimum during the week. What is a possible solution to allow for backups each night and still meet the requirements of the service level agreement?

- A. rmlvcopy
- B. unmirrorvg
- C. splitlvcopy
- D. it is not possible

Answer: C

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**QUESTION 49:**

A pSeries server is being used as a file server and all data is stored on a non-root volume group and resides on filesystems. Which of the following is the quickest way to backup all of the data and filesystem definitions?

- A. tar
- B. cpio
- C. savefs
- D. savevg

Answer: D

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**QUESTION 50:**

A colleague at a remote location has requested an image copy of an SMS diskette. After putting the SMS diskette into the drive, which command should be run in order to create an image which could be FTP-d to a remote user?

- A. `cpio - d /dev/rfd0 sms.image`
- B. `tar -cvpf sms.image/dev/rfd0`
- C. `backup - cvpf/dev/rfd0 sms.image`
- D. `dd if=/dev/rfd0 of=sms.image bs=36b`

Answer: D

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**QUESTION 51:**

A system administrator would like to restore the third image from a mksysb tape. In order to position the tape to the correct image, which of the following commands should be run?

- A. `tctl`
- B. `ffwd`
- C. `chdev`
- D. `lsattr`

Answer: A

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**QUESTION 52:**

A system administrator has recently attended training, where it was pointed out that 50% of companies go out of business after a catastrophic loss of data, as a result of poor or no disaster recovery planning. In an effort to decrease the risk of such a failure several new ideas have been proposed. Which one of these would NOT be considered a solution to this problem?

- A. Disaster recovery site testing
- B. Implement offsite tape vaulting
- C. Mirroring the critical data remotely
- D. Performing full system wide backups daily

Answer: D

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**QUESTION 53:**

After a restore and reboot of a system, the administrator notices that several of the users are missing from `/etc/passwd` and their `/home` directories were missing. It was determined that the backup, through the most current, was several weeks old.

Which of the following is the most appropriate way to prevent this from reoccurring?

- A. Use NIS to authenticate users.
- B. Develop an incremental backup program.
- C. Use NFS to store user data on a remote server.
- D. Replace the tape with a new one for each backup.

Answer: B

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**QUESTION 54:**

A system administrator forgot to mark the outside of the incremental backup tapes with date or time information. What command will provide the time of the backup without restoring data to disk?

- A. tapechk
- B. restore - Tqvfd/dev/mnt0
- C. restore - xqvfd/dev/rmt0
- D. dd if=/dev/rmt0 bc=51200

Answer: B

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**QUESTION 55:**

Which of the following commands can a system administrator use to see the available network interfaces on a system?

- A. lsdev - Cc if
- B. instfix - ik if
- C. lspp - l adapter
- D. lsfs - l adapter

Answer: A

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**QUESTION 56:**

Which of the following scripts can be run to stop the TCP/IP daemons?

- A. /etc/rc.net
- B. /etc/re.stop
- C. /etc/re.tcpip
- D. /etc/tcp.clean

Answer: D

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**QUESTION 57:**

Which of the following commands will be employed by the AIX System Administrator to stop the inetd daemon?

- A. stopsrc - s tcp
- B. stopsrc - s inetd
- C. /etc/inetd -stop
- D. kill - 1 inetdPID

Answer: B

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**QUESTION 58:**

A system administrator would like to configure the network interface on the AIX system. What initial step would be necessary to perform this task?

- A. Use smit with tcpip as the fast path.
- B. Use smit with route as the fast path.
- C. Modify netservices.conf file with new ip information.
- D. Modify/etc/re.tcpip with new ip information and restart daemons.

Answer: A

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**QUESTION 59:**

While logged into the console, a system administrator would like to change the server's IP address from xxxx to yyyy. What would be the best way to perform this task?

- A. Run the command "uname -S Y.Y.Y.Y."
- B. Use smit with tcpip as the fast path.
- C. Use smit with rout as the fast path.
- D. Edit the /etc/hosts file with the new IP information.

Answer: B

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**QUESTION 60:**

The default order in resolving host name is

- (a) BIND/DNS
- (b) NIS
- (c) Local/etc/hosts file

This default can be overwritten by creating a file and specifying the desired order. Which of the following files need to be modified?

- A. /etc/hosts
- B. /etc/resolv.conf
- C. /etc/netsvc.conf
- D. /etc/defaulttorder

Answer: C

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**QUESTION 61:**

Which of the following commands can be used to verify that NFS daemons are already running on the AIX system?

- A. lsfs - g nfs
- B. lspp - l nfs
- C. lssrc - g nfs
- D. startsrc - g nfs

Answer: C

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**QUESTION 62:**

A system administrator has determined that the system has an interface en0 which is a 10/100 MB/s capable card. It is currently running on a 100 MB/s network. Which one of the following commands can be used to change the media speed of this Ethernet card from 10 MB/s to 100 MB/ps?

- A. smitty route
- B. smitty chinet
- C. smitty chgenet
- D. ifconfig en0 change\_media\_speed

Answer: C

---

**QUESTION 63:**

Which of the following files will an AIX system administrator refer to in order to obtain information on network services and their internet ports?

- A. /etc/hosts
- B. /etc/exports
- C. /etc/networks
- D. /etc/services

Answer: B

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**QUESTION 64:**

The system administrator has issued the command `lssrc -g nfs` and discovered that the daemons are inoperative on Server

A. Which of the following actions should be performed in order to correct this situation?

- A. Run the `nfs.start` command.
- B. Run the `startsrc -g nfs` command.
- C. Run the `refresh -s nfsd` command.
- D. Log out and then log back into system.

Answer: D

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**QUESTION 65:**

A machine has just rebooted after removing a filesystem called `/junk`. However, upon reboot, the machine displays the following error message.

Unable to export `/junk`. A directory in the path does not exist.

Which of the following files should be modified in order to correct this problem?

- A. `/etc/rc.nfs`
- B. `/etc.exports`
- C. `/junk/nfs.perms`
- D. `/var/spool/exports`

Answer: B

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**QUESTION 66:**

How would the system administrator unmount the mounted filesystem (`/project22`) on serverB?

- A. Use the `umount` command.
- B. Kill the `nfsd` daemon on serverA.
- C. Kill the `nfsd` daemon on serverB.
- D. Remove the entry for `/project22` in `/etc/filesystems`.

Answer: A

---

**QUESTION 67:**

Which of the following commands confirms that the new adapter resource is added in the hardware configuration?

- A. `diag -a`

- B. telinit q
- C. netstat -in
- D. lsdev -Cc adapter

Answer: A

---

**QUESTION 68:**

Multiple internal users are trying to telnet to the AIX server. They are able to ping the server successfully, but are getting the following error message:

telnet: connect: A remote host refused an attempted connect operation

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

- A. The network adapter is defective.
- B. The AIX server is not powered on.
- C. The inetd daemon is not running on the AIX server.
- D. The portmap daemon is not running on the AIX server.

Answer: C

---

**QUESTION 69:**

A user is able to get a login prompt for the server, but gets a failed login error message when trying to login with an id. Which of the following is the most likely cause of this problem?

- A. A hard drive has gone bad.
- B. The /home filesystem is full.
- C. The server is low on paging space.
- D. The user has entered an invalid id or password.

Answer: D

---

**QUESTION 70:**

Which of the following commands reports the status of RPC (remote procedural call) services?

- A. showmount - e
- B. /usr/sbin/rwall
- C. /usr/bin/rpcinfo
- D. /usr/sbin/rpc.rstatd

Answer: C

---

**QUESTION 71:**

The production system has been running well until more users were on the system. Based on the vmstat output, what action should the administrator take to restore the response time to an acceptable?

- A. Add more RAM.
- B. Add paging space.
- C. Add 2 additional CPUs.
- D. Add an additional FDDI adapter.

Answer: A

---

**QUESTION 72:**

A user is running a report on a database that is memory and I/O intensive. The report is causing performance problems. What is the best way to improve the system performance?

- A. Run schedtune -l to limit the memory resources.
- B. Schedule the report to run during off peak hours.
- C. Kill the PID and run the report in the background.
- D. Use the nice command to lower priority of the report.

Answer: B

---

**QUESTION 73:**

Which of the following commands can be used to list all physical volumes on which a logical volume resides?

- A. lslv -l
- B. lsvg -l
- C. lspv -l
- D. lsdev -Cc lv

Answer: A

---

**QUESTION 74:**

A remote user is trying to telnet to the production server. The user's session is getting a time out error. Which command should be used to verify the network connection?

- A. iptrace
- B. netstat

- C. nslookup
- D. tracerout

Answer: C

---

**QUESTION 75:**

A system has one internal disk drive (hdisk0) and one external disk drive (hdisk1). Hdisk0 is a 2.2Gb SCSI/2 Fastwide disk drive and contains a volume group called rootvg. Hdisk1 is a 4.5 GB SSA drive and contains a volume group called appsvg. The external SSA drive has over 3.0 Gb of free space. The system administrator would like to make a mirrored copy of a 500 MB logical volume which currently is on hdisk0. What would prohibit the system administrator from establishing a mirrored copy between the internal and external disk drives?

- A. The disks are not the same physical size.
- B. AIX does not support logical volume mirroring.
- C. The disks are not within the same volume group.
- D. The disks are not the same drive type (i.e.SSA versus SCSI/2).

Answer: D

---

**QUESTION 76:**

To control things such as password aging, or reuse of the same password, which file can be modified?

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

Answer: B

---

**QUESTION 77:**

TCP/IP on AIX provides several trusted daemons, and many non-trusted daemons. Which of the following are examples of trusted daemons?

- A. rcp,rsh,finger
- B. tftp,tftpd,trpt
- C. ftp,rexec,telnet
- D. rexd,rstated,systat

Answer: C

---



**QUESTION 78:**

A customer would like to install a newly purchased LPP. Prior to installation, the customer would like to be provided with the disk space requirements of the product. One way to collect this information is to?

- A. Run the lspp command.
- B. Run the instpreview command.
- C. Run the lppchk command with the preview option.
- D. Run the installp command with the preview option.

Answer: C

---

**QUESTION 79:**

Which of the following commands list the current fix level of the bos.net.nfs.client fileset?

- A. lsfs bos.net.nfs.client
- B. lspp -l bos.net.nfs.client
- C. lppchk -lbos.net.nfs.client
- D. installp -ver bos.net.nfs.client

Answer: B

---

**QUESTION 80:**

A new version of software has been issued to Certkiller .com. The current version is working for the company, but they want to try some of the new features on the newer version. They do not want to lose the old version. What steps should the system administrator take to try the new version of the software without deleting the older version?

- A. Apply the updates, then commit them.
- B. Commit the updates, then apply them.
- C. Apply the updates, but do not commit them.
- D. Commit the updates, but do not apply them.

Answer: C

---

**QUESTION 81:**

After attempting to verify that an upgrade was successful, the machine displays 4.3.2 after completing the 4.3.3 update. Which of the following commands should be run to determine what is missing?

- A. cfgmgr
- B. lppchk
- C. oslevel
- D. which\_fileset

Answer: C

---

**QUESTION 82:**

Several people in an IT department are asking for fileset updates that the system administrator received earlier in the day on CD-ROM. The system administrator created an install directory on his machine and has made it available to everyone. Which of the following commands will allow the system administrator to copy the images from the CD-ROM to the install directory?

- A. smit bffcreate
- B. smit mkinstimage
- C. tar - xvf /dev/cd0 from the target directory
- D. restore - xvqf / dev/cd0 from the target directory

Answer: A

---

**QUESTION 83:**

A system administrator no longer needs some third party software on a system. This software, along with all its prerequisites, needs to be removed. Assuming that the system administrator has already created a list of the software that needs removing in the file remsoft.txt, what command can be used to remove the software and all its prerequisites?

- A. instfix -Rb -V2 -f remsoft.txt
- B. removelp - rg -V2- f remsoft.txt
- C. uninstallp -Ub -V2 - f remsoft.txt
- D. installp - ug - V2 -f remsoft.txt

Answer: D

---

**QUESTION 84:**

What command can be used to check the Maintenance Level of filesets that are currently installed?

- A. lppchk
- B. instfix
- C. fixdist
- D. maintlvl

Answer: B

---

**QUESTION 85:**

A customer has a RS/6000 that needs to be upgraded from AIX Version 4.3.2 to 4.3.3. The customer indicates that they would like to retain /etc/passwd. Which of the following types of installation should be recommended?

- A. retention install
- B. migration install
- C. overwrite install
- D. preservation install

Answer: B

---

**QUESTION 86:**

In preparing to create a mksysb of a machine, the system administrator notice that several large filesystems do not need to be included in the backup. Rether than unmounting the filesystems before creating the system backup, which of the following would be an easier alternative?

- A. Update the etc/exclude rootvg file with the unwanted filesystems.
- B. Use varyoffvg to keep the rootvg filesystems from being backed-up.
- C. Export the filesystems so they will not be included in the backup.
- D. Remount the filesystem using the - o option.

Answer: A

---

**QUESTION 87:**

The System Administrator has added three new drives to the server. One 9.1 GB SSA, one 17GB SCSI and one 10 GB SCSI. The Administrator has run cfgmgr successfull with no errors. Which command is used to check the available drives and devices on the system?

- A. lspv - a
- B. cfgmgr -v
- C. lsattr - a
- D. lsdev -C -H

Answer: D

---

**QUESTION 88:**

A user has sent several large print jobs to the wrong printer. Which of the following command is NOT used to cancel the print jobs?

- A. qcan
- B. lprm
- C. lpq -d
- D. enq - x

Answer: C

---

**QUESTION 89:**

A printer has been configured at a remote site. The site is connected over a dial up connection. The printer starts printing and then hangs. What solution would most likely remedy the problem?

- A. Increase the timeout period for the queue.
- B. Edit the /etc/qconfig file and add "s\_filter=true" to queue.
- C. Change the queue from postscript to ASCII to send smaller chunks of data.
- D. Change the interface type to buffered to slow down the data to the printer.

Answer: A.

---

**QUESTION 90:**

An overwrite installation has just been completed in order to bring a machine up to the latest AIX version. Which of the following is the next step to take in order to enable operation of skulker?

- A. Run the command stsrsrc - s skulker.
- B. Run the command chitab "skulker.2:wait/etc/re.skulker"
- C. Remove the comment from the skulker entry of the root crontab.
- D. Remove the comment from the skulker entry in inetd.conf and refresh inetd.

Answer: C

---

**QUESTION 91:**

Which of the following baud rates should an ASCII display be set to in order to be used as the default system console for installation?

- A. 2400
- B. 9600
- C. 14400
- D. 19200

Answer: B

---

**QUESTION 92:**

A mail administrator has requested several changes to the sendmail.cf file on the system. The changes have been completed, however the sendmail daemon is not recognizing the changes. What needs to be done to correct this situation?

- A. telinit a
- B. init - s sendmail
- C. refresh - s sendmail
- D. startsc - s sendmail

Answer: C

---

**QUESTION 93:**

Please refer to the exhibit for this question. Certkiller .com's marketing group plans to implement a new database to house its demographic data. The administrator has requested a tape drive and additional disk to support the installation of this new database. The verification of the new external tape drive failed. Given the output provided in the exhibit, which of the following actions should be performed before running cfgmgr again?

- A. Verify all power and cable connections
- B. Verify there are no SCSI id conflicts
- C. Ensure correct device driver is installed
- D. Reboot the system

- A. A,B,C,
- B. A,C,D,
- C. A,B,D,
- D. B,C,D

Answer: A

---

**QUESTION 94:**

When trying to reboot an existing, installed machine, the boot process stops at LED 223 and loops to 229.223-"Progress indicator. Attempting a Normal-mode system restart from the SCSI-attached devices specified in the NVRAM boot devices list." Booting into maintenance verified there were no hardware problems and all root volume group data was accessible. Which of the following actions should be taken to correct this problem?

- A. Replace hidisk0
- B. Set the bootlist appropriately
- C. Reinstall the machine from a mksysb backup
- D. Force a system dump to send to IBM for analysis

Answer: B

---

**QUESTION 95:**

A System administrator determined the system has a corrupt application filesystem. In attempting to unmount the application filesystem, the system administrator received the error message.

Umount: 0506-349 Can not umount /dev/lv04:The requested resource is busy.

After several attempts at trying to unmount the filesystem the system administrator was not able to resolve the "logical volume busy" error and decided to reboot the system. Which file in the /etc directory can the system administrator modify to guarantee this error will not occur after the reboot?

- A. /etc/update/v
- B. /etc/sysconfig
- C. /etc/filesystem
- D. /etc/redefinevg

Answer: C

---

**QUESTION 96:**

A marketing group has requested to install a new statistics analysis software on its machine. After reading the installation documentation, two requirements were identified:

A 300MB filesystem/apps/stats. APARIX73456 must be installed:

Which of the following actions is used to verify the installation of APARIX73456?

- A. instfix - ivk IX73456
- B. lslpp - L lgrep IX73456
- C. lsapars - a lgrep IX73456
- D. odmget APARS lgrep IX73456

Answer: A

---

**QUESTION 97:**

A marketing group plans to implement a new database to house its demographic data. The administrator has requested a tape drive and additional disks to support the installation of this new database. Although the new tape drive appears to be installed and functioning correctly, while attempting to perform a mksysb utilizing

new drive, it fails. What would be the first recommended action to determine the cause of the failure?

- A. Replace the tape drive.
- B. Run cfgmgr to reconfigure the tape device.
- C. Check the error log for tape drive error.
- D. Use smit to change the compression attribute on the tape device.

Answer: C

---

**QUESTION 98:**

Prior to a system shutdown, the "who" command was executed to identify users who may still be on the system. The output from "who" indicates user, "jsmith" is still logged on. However, a ps listing shows that user, "jsmith" has absolutely no processes executing on this system. Which of the following is the most likely cause of this situation?

- A. The /etc/utmp file is corrupted.
- B. The ruserd daemon is not currently running.
- C. The /etc/security/loghist.dir file is corrupted.
- D. The user "jsmith" is logged in but not currently running any applications.

Answer: A

---

**QUESTION 99:**

After adding a new Ethernet card to a system and rebooting, the system administrator notices the card was not configured. How can the system administrator determine if there were errors during the configuration process for the card?

- A. Examine the bootlog with the command:alog-o f/var/adm/ras/bootlog.
- B. Display the device attributes and errors with the command:lsdev -C-l ent0
- C. Examine the AIX errorlog for configuration method errors with the command:errpt -a -C-ent0
- D. Examine the ODM for configuration errors with the command:odmget -q "method\_errors" ent0

Answer: A

---

**QUESTION 100:**

The log files for a database application recorded several I/O errors to the database. It is suspected that one of the disks on the server may be failing. What command can be used to determine if there is a hardware problem with a disk

drive?

- A. lspv -l
- B. errpt -a
- C. lsvg -d
- D. alog -f

Answer: B

---

**QUESTION 101:**

From the analysis of a dump from a crashed server fix IX38794, for filesset bos.mp needs to be installed. After the tape containing the fix is loaded in the tape drive, what command would apply this fix?

- A. lspp -f bos.mp -d/dev/rmt0.1
- B. instfix -k IX38794 -d/dev/rmt0.1
- C. installp -f IX38794 -d dev/rmt0.1
- D. installp -f bos.mp -d/dev/rmt0.1 IX38794

Answer: B

---

**QUESTION 102:**

The system administrator just completed a successful install of a PTF. The PTF that was installed required a reboot. What command should be issued in order to give the users time to log out prior to the reboot occurring?

- A. runlevel
- B. halt-q
- C. telinit 2
- D. shutdown -r

Answer: D

---

**QUESTION 103:**

A system administrator would like to modify the system default user characteristics so that each new user added to the system will now be assigned the csh shell rather than the ksh shell. Which of the following actions should be performed?

- A. Run the command chlogin -shell "csh"
- B. Run the command mkuser - default "shell csh"
- C. Modify the contents of /etc/security/login.cfg file
- D. Modify the contents of /usr/lib/security/mkuser.default.file



Answer: D

---

**QUESTION 104:**

A system administrator would like to add the "set-o vi" command to each user's shell environment in order to enable command history recall. To have this enabled for each newly created user, in which file would this command be added?

- A. /etc/environment
- B. /etc/security/profile
- C. /usr/lib/security/mkuser.default
- D. /etc/profile

Answer: D

---

**QUESTION 105:**

Which of the following is NOT permitted in the system-wide environment file/etc/environment?

- A. Korn shell (ksh) commands
- B. Comment lines beginning with "#"
- C. Blank lines
- D. Initializing environment variables

Answer: D

---

**QUESTION 106:**

A system administrator has been asked to migrate the dev\_vg.volume group from workstation A to workstation B. The dev\_vg volume group contains a single filesystem named "/development". To prepare to migration, which of the following is the correct sequence of commands for removing the volume group from workstation A?

- A. umount/development varyffvg dev\_vg exportvg dev\_vg
- B. umount/development exportvg dev\_vg varyffvg dev\_vg
- C. varyffvg dev\_vg umount/development exportvg dev\_vg
- D. exportvg dev\_vg umount/development varyffvg dev\_vg

Answer: A

---

**QUESTION 107:**

Which of the following commands can be used display the physical volume

identifier|?

- A. lsid
- B. lspv
- C. lspvid
- D. cat/etc/pvid

Answer: B

---

**QUESTION 108:**

Which of the following is the quickest procedure for mirroring a volume group that contains 120 logical volumes?

- A. Use the mirrorvg command.
- B. Use the mkmirror command.
- C. Use the mkvgmirror command.
- D. Use the mklvcopy command for each logical volume.

Answer: A

---

**QUESTION 109:**

What is the maximum number of copies for a logical volume?

- A. 1
- B. 2
- C. 3
- D. unlimited

Answer: C

---

**QUESTION 110:**

A system administrator has created 20 filesystems that are set to mount each time the system boots. Which of the following is the quickest method to mount these filesystems?

- A. mount-a
- B. reboot the system
- C. /usr/lib/methods/cfgfs
- D. mount each individual filesystem

Answer: A

---

**QUESTION 111:**

In order to decrease the size of the /home filesystem, the system administrator must do which of the following?

- A. Use the chfs command
- B. Use the reducefs command
- C. Run defragfs, then use the reducefs command
- D. Backup, delete, redefine, and restore the filesystem

Answer: D

---

**QUESTION 112:**

Which paging space shown in the lsvg output will NOT be used on the next system reboot?

```
Lsvg -a
#lsvg -a
page space physical volume volume group size %used active
Auto Type
Paging03 hidisk6 uservg 320MB no yes 1v
Paging00 hidisk0 rootvg 320MB no yes 1v
Paging02 hidisk6 uservg 320MB no yes 1v
Paging01 hidisk6 uservg 320MB no yes 1v
Hd6 hdisk0
lv
```

- A. paging00
- B. paging01
- C. paging03
- D. paging02

Answer: A

---

**QUESTION 113:**

A system administrator received the following error when trying to unmount the /home filesystem.

Umount: 0506-349 cannot umount / dev / hd1: requested resource is busy.

Which of the following is the most likely cause of the error?

- A. The /home directory does not exist.
- B. The /home filesystem is 100% utilized.
- C. The /home filesystem is nfs mounted from another system.
- D. The /home filesystem has a user's current working directory.

Answer: D

---

**QUESTION 114:**

When attempting to mount/home, a message was displayed indicating that the superblock was dirty. What is the correct action required in order to enable the/home filesystem to mount?

- A. Run fsck on/home filesystem.
- B. Redefine the /home filesystem.
- C. Run fuser on/home filesystem.
- D. Run chfs on the/home filesystem.

Answer: A

---

**QUESTION 115:**

Due to performance problems, space needs to be added to a paging space named paging01 on hdisk1. The physical partition size of hdisk1 is 4MB. Which command will increase the size of paging01 by 100 MB?

- A. chps-a 25 paging01
- B. mkps-a 25 paging01
- C. chps-a 100 paging01
- D. mkps-a 100 paging01

Answer: A

---

**QUESTION 116:**

Certkiller .com's primary server data and application files need to be restored onto its development server. Atar command was used to backup the data on the production machine to an 8mm tape drive. When trying to restore the data onto the development server, the following error was encountered:

Tar: /dev/rmt0: unable to read from media.

The tape has been verified as readable on the production machine. What is the most likely cause of this problem?

- A. The SCSI bus encountered an error.
- B. The tape block size is set incorrectly.
- C. The tape drive on production needs to be cleaned.
- D. The tape drive on the development machine is in use by another process.

Answer: B

---

**QUESTION 117:**

A server support team for AIX system is in the process of moving some servers into a new lab. The system administrators would like to make a bootable backup of the root volume group on these servers before the move. Which of the methods should be used in order to accomplish this?

- A. savevg
- B. mksysb
- C. bosboot
- D. mkszfile

Answer: B

---

**QUESTION 118:**

A server contains two volume groups: rootvg and appsvg. The system administrator would like to use mksysb to make an entire backup of this system. Using tape device rmt0, which of the following commands does the system administrator need to issue in order to create a bootable backup tape of this entire system?

- A. mksysb-ei rmt0-vg appsvg
- B. mksysb-i/dev/rmt0-f appsvg
- C. mksysb-ei/dev/rmt0-vg appsvg
- D. mksysb can not accomplish this task

Answer: D

---

**QUESTION 119:**

A system administrator would like to implement backups of the /apps filesystem on a nightly basis. Which of the following is an example of backing up /apps nightly?

- A. cpio-itv</dev/rmt0
- B. tar-xvf/dev/rmt0/apps
- C. find/apps-print l tar-tvf/dev/rmt0
- D. find/apps-print l backup -I-v-f/dev/rmt0

Answer: D

---

**QUESTION 120:**

A pSeries server is being used as a file server and all data is stored on a non-root volume group and resides on filesystem. Which of the following is the quickest way to backup all of the data and filesystem definitions?

- A. tar
- B. cpio
- C. savefs
- D. savevg

Answer: D

---

**QUESTION 121:**

Which of the following steps should be taken to retrieve /etc/security/passwd from a mksysb backup tape mounted in rmt0 once the tape has been positioned?

- A. tar-tvf /dev/rmt0.1/etc/security/passwd
- B. dd if=/dev/rmt0 of=/etc/security/passwd
- C. cpio-dumpv/dev/rmt01/etc/security/passwd
- D. restore-xvqf/dev/rmt01 /etc/security/passwd

Answer: D

---

**QUESTION 122:**

There are three types of backups that can be done with AIX. They are System, Full and incremental. Which of the following would NOT describe the use of the System Backup?

- A. Backup user defined paging spaces
- B. Cloning a pSeries machine of same system type
- C. Backup the rootvg file systems on a periodic basis
- D. Backup system information such as LVM allocation policies

Answer: A

---

**QUESTION 123:**

Certkiller .com would like to create an email alias on its AIX workstation which will forward email to a user on another workstation for collection of data. The system administrator would like to add this entry to the /etc/aliases file. Which of the following actions should be performed in order for the change to take effect?

- A. Stop and start tcpip
- B. Run the mailq command.
- C. Reboot the workstation
- D. Use the senmail command

Answer: D

**QUESTION 124:**

A webserver has become compromised and appears to have been tampered with from the internet. All of the following are correct actions EXCEPT.

- A. Change all passwords.
- B. Disable all unused ports.
- C. Check for the latest security APARs.
- D. Review the errorlog for suspicious activity.

Answer: D

---

**QUESTION 125:**

Which of the following commands will list the current fix level of devices pci 23100020 rte file set?

- A. lsdev - Cc adapter
- B. lspp - l devices.pci.23100020.rte
- C. instfix - ik devices. Pci.23100020.rte
- D. which\_fileset devices.pci.23100020.rte

Answer: B

---

**QUESTION 126:**

A system administrator has noticed that no TCP/IP daemons are running. Which of the following commands should be issued in order to start these daemons?

- A. cfgmgr
- B. restart - g tcpip
- C. refresh - g tcpip
- D. startsrc - g tcpip

Answer: D

---

**QUESTION 127:**

A system administrator did not receive a response while attempting to ping loopback. Which of the following would most likely resolve this problem?

- A. issue startsrc - g tcpip
- B. Reconnect the network cable.
- C. Issue rc.tcpip to restart TCP/IP daemons.
- D. Create the symbolic link between /var/spool and /usr/spool.

Answer: C

---

**QUESTION 128:**

Which of the following SMIT fast paths can be used to add a default gateway to an AIX system?

- A. smit mkif
- B. smit route
- C. smit chinet
- D. smit default

Answer: B

---

**QUESTION 129:**

When a user tries to ping a particular machine on the network, the following error is returned:

0821 - 069 Cannot reach the destination network.

Which of the following procedures should be performed next to determine the cause of the problem?

- A. route -nf
- B. netstat -in
- C. netstat -rn
- D. route refresh

Answer: C

---

**QUESTION 130:**

Two webserver need to be configured on a single machine which has only one network interface en0. Each webserver needs to have its own unique IP address. How should an administrator accomplish this?

- A. smitty alias
- B. add it to /etc/defaults
- C. newaliases 192.127.10.10
- D. ifconfig en0 alias 192.127.10.10

Answer: D

---

**QUESTION 131:**

Which of the following commands can be used to display a system routing table?



- A. riute
- B. netstat
- C. iptrace
- D. traceroute

Answer: B

---

**QUESTION 132:**

A system administrator has determined that the system has an interface en0 which is 10/100 mbps capable card. It is currently running on a 100 mbs network. What needs to be done prior to changing the media speed of the Ethernet interface en0, to 100Mbps?

- A. smitty add\_riute
- B. smitty inet\_alias
- C. ifconfig en0 detach
- D. ifcinfo en0 change\_media\_speed

Answer: C

---

**QUESTION 133:**

Which of the following files defines domain name protocol name-server (DNS server) information for local resolver routines?

- A. /etc/named
- B. /etc/services
- C. /etc/resolv.conf
- D. /etc/netsvc.conf

Answer: C

---

**QUESTION 134:**

Which of the following files determines if a remote network filesystem is to be mounted automatically after a system restart?

- A. /etc/rc.nfs
- B. /etc/rc.tcpip
- C. /etc/filesystem
- D. /etc/resolve.conf

Answer: C

---

**QUESTION 135:**

Which of the following actions should be performed by the system administrator in order to give serverB access to serverA's filesystem?

- A. Run the chfs command on serverA.
- B. Run the chfs command on serverB.
- C. Run the exportfs command on serverA.
- D. Run the exportfs command on serverB.

Answer: C

---

**QUESTION 136:**

What would the system administrator need to do on serverB to access/project22 from serverA, assuming that NFS.daemons are running?

- A. Run the/etc/rc.nfs command.
- B. Run the"mount serverA:/project22/mnt"command.
- C. Run the "mount serverB:/project22/mnt"command.
- D. Run the refresh -s tcpip to capture the new mount information.

Answer: B

---

**QUESTION 137:**

Which of the following commands should an AIX system administrator invoke to check if the required device -dependent software is missing?

- A. dbx
- B. cfgmgr
- C. telinit q
- D. lsdev - Cc adapter

Answer: B

---

**QUESTION 138:**

A system administrator has noticed that no TCP/IP daemons have started after a system reboot. Which of the following is the most probable cause?

- A. /etc/resolve.conf does not exist
- B. The default route is not pingable.
- C. The hostname is not defined in/etc/hosts.
- D. The rc.tcpip entry has been removed from/etc/inittab.

Answer: D

---

**QUESTION 139:**

A user has just changed the password. In the past, the user could execute "rexec" and "ftp" commands to remote server without receiving a userid/password prompt. Now the user is receiving a userid/password prompt. Which of the following files needs to be update so the userid/password prompt is excluded when the attempts to execute the "rexec" and "ftp" commands?

- A. /etc/resolve.conf
- B. /etc/security/login.cfg file
- C. netrc file in the users home directory
- D. profile in the user home directory

Answer: C

---

**QUESTION 140:**

Which of the following commands reports the status of RPC (remote procedural call )services?

- A. showmount -e
- B. /usr/sbin/rwall
- C. /usr/bin/rpcinfo
- D. /usr/sbin/rpc.rstatd

Answer: C

---

**QUESTION 141:**

The production system has been running well until more users were placed on the system. Based on the vmstat output, what action should the administrator take to restore the response time to an acceptable level?

\$ VMSTAT 5 5

kthr memory page faults cpu

```
-----  
r b avm fre CK pi po fr sr cy in sy cs us sy id wa  
15 1 34936 923 0 5 10 0 9 0 125 430 26 57 43 0 0  
12 2 34894 11967 0 3 6 0 4 0 1029 6673 349 78 22 0 0  
9 2 34894 11967 0 0 0 0 15 0 1017 2522 128 63 37 0 0  
8 2 34891 11969 0 1 0 0 6 0 1048 4592 208 64 34 0 0  
6 2 34891 11969 0 0 4 0 9 0 961 2010 104 59 41 0 0
```

- A. Add paging space

- B. Add 384 MB of RAM
- C. Add additional CPU
- D. Add an additional FDDI adapter

Answer: C

---

**QUESTION 142:**

A development group is testing websphere commerce suite on AIX. The project lead wants to know which component is using the most amount of memory on the system. Which command is the quickest way to supply the project lead with this information?

- A. ps.
- B. Sar
- C. Svmon
- D. Tprof

Answer: A

---

**QUESTION 143:**

Which of the following commands can be used to list all logical volumes on a physical disk?

- A. lslv -l
- B. lsvg -l
- C. lspv -l
- D. lsdev -Cc lv

Answer: C

---

**QUESTION 144:**

A remote backup system is not completing backups within the time allowed. Management wants the MTU size changed to see if performance will improve. Which should be used to change the setting dynamically without making permanent changes?

- A. Use chdev to change the MTU size
- B. Run no - 0 to change the MTU size
- C. Use ifconfig to change the MTU size
- D. Make the changes needed to the /etc/rc file

Answer: C

---

**QUESTION 145:**

A disk drive within the root volume group is recording temporary errors in the error log. This disk drive only contains one jfs. The system has another disk within the root volume group with enough free space to contain the jfs. Which of the following actions is required to move this jfs from one disk to another?

- A. Issue the migrates command to move the jfs.
- B. Issue the migratepv command to move the logical volume.
- C. Issue the cp command to make an identical copy of the filesystem.
- D. Issue rmlvcopy on the old drive and then issue the mklvcopy command on the new drive.

Answer: B

---

**QUESTION 146:**

During review of password security issues, an administrator decides that additional password security is warranted. Security standards now state that a password once used may not be used again within that calendar year. Which parameter in /etc/security/user may be configured to manage this requirement?

- A. minage
- B. histsize
- C. maxrepeats
- D. maxexpired

Answer: B

---

**QUESTION 147:**

To restrict the ability of users to run remote commands on a system without being prompted for a password, which file should contain no entries?

- A. /etc/exports
- B. /etc/hosts equiv
- C. /etc/resolve.conf
- D. /etc/netshvc.conf

Answer: B

---

**QUESTION 148:**

Certkiller .com is starting up a new division. Their current configuration is 10 GB of hard disk space and 512 MB of memory. These are also the minimum requirements for the software. The division will be expanding rapidly and users are expected to

double in size within six months. What server should the division start with to meet current and future needs?

- A. 2 processors, 1 GB memory, 20 GB Hard Disk space
- B. 4 processors, 1 GB memory, 10 GB Hard Disk space
- C. 1 processors, 512 MB memory, 40 GB Hard Disk space
- D. 3 processors, 512 MB memory, 40 GB Hard Disk space

Answer: A

---

**QUESTION 149:**

Certkiller .com is experiencing problems with its backup system on the current servers. It is trying to implement fault tolerance on a new identical server. What is the most cost-effective solution for the new system?

- A. Mirror the volume group.
- B. Add a second tape drive to the system.
- C. Stripe the volume group without parity.
- D. Add a RAID controller to the new system.

Answer: A

---

**QUESTION 150:**

A production system needs to be upgraded from AIX V4.3 to AIX 5L. All logs and users need to be saved. Which installation is the correct choice?

- A. Update installation
- B. Migration installation
- C. Preservation installation
- D. New and Complete Overwrite installation

Answer: D

---

**QUESTION 151:**

What is the correct command to commit applied software?

- A. commitlp -C
- B. applylp - a
- C. installp -A
- D. installp -c

Answer: D

---

**QUESTION 152:**

While attempting a preservation install, all of the hardware connections appear to be correct. However, when trying to boot from the install CD, the machine ends-up in diagnostics. Which of the following is the most likely cause of this problem?

- A. The battery on the machine is bad.
- B. The root volume group is corrupt.
- C. The low-level debugger is not enabled.
- D. There is a hardware problem with the CD-ROM.

Answer: D

---

**QUESTION 153:**

What command Will show all interfaces and their IP addresses on an AIX system?

- A. Ifconfig -l
- B. Ipconfig - l
- C. Ifconfig - a
- D. Ipconfig - a

Answer: C

---

**QUESTION 154:**

During the first reboot after the AIX version 4.3 operating system installation process has completed, what is the first screen the administrator will see?

- A. login prompt
- B. root shell prompt
- C. SMS Multiboot
- D. Configuration Assistant

Answer: D