LPI

Exam Questions 101-500

LPIC-1 Exam 101 - Part 1 of 2 - version 5.0

NEW QUESTION 1
- (Exam Topic 1)
During a system boot cycle, what program is executed after the BIOS completes its tasks?

A. The bootloader
B. The inetd program
C. The init program
D. The kernel

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
Which command will display messages from the kernel that were output during the normal boot sequence? dmesg, /bin/dmesg

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 3
- (Exam Topic 1)
You are having some trouble with a disk partition and you need to do maintenance on this partition but your users home directories are on it and several are logged in. Which command would disconnect the users and allow you to safely execute maintenance tasks?

A. telinit 1
B. shutdown -r now
C. killall -9 inetd
D. /bin/netstop --maint
E. /etc/rc.d/init.d/network stop

Answer: A

NEW QUESTION 4
- (Exam Topic 1)
Which of the following commands will write a message to the terminals of all logged in users?

A. bcast
B. mesg
C. print
D. wall
E. yell

Answer: D

NEW QUESTION 5
- (Exam Topic 1)
Which SysV init configuration file should be modified to disable the ctrl-alt-delete key combination?

A. /etc/keys
B. /proc/keys
C. /etc/inittab
D. /proc/inittab
E. /etc/reboot

Answer: C

NEW QUESTION 6
- (Exam Topic 1)
The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. What is the usual way to pass this change to the kernel from your boot loader?

A. Start in runlevel 1.
B. Pass init=/bin/sh on the kernel parameter line.
C. Pass /bin/sh on the kernel parameter line.
D. Pass start=/bin/sh on the kernel parameter line.

Answer: B

NEW QUESTION 7
- (Exam Topic 1)
The USB device filesystem can be found under /proc/_____/usb/. (Please fill in the blank with the single word only)

A. Mastered

B. Not Mastered

Answer: A

Explanation:
bus

NEW QUESTION 8
- (Exam Topic 1)
Which of the following commands reboots the system when using SysV init? (Choose TWO correct answers.)

A. shutdown -r now
B. shutdown -r "rebooting"
C. telinit 6
D. telinit 0
E. shutdown -k now "rebooting"

Answer: AC

NEW QUESTION 9
- (Exam Topic 1)
Which of the following commands brings a system running SysV init into a state in which it is safe to perform maintenance tasks? (Choose TWO correct answers.)

A. shutdown -R 1 now
B. shutdown -single now
C. init 1
D. telinit 1
E. runlevel 1

Answer: CD

NEW QUESTION 10
- (Exam Topic 1)
The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. What does this indicate?

A. The kernel was unable to execute /bin/init
B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
Which run levels should never be declared as the default run level when using SysV init? (Choose TWO correct answers.)

A. 1
B. 3
C. 5
D. 6

Answer: AE

NEW QUESTION 13
- (Exam Topic 1)
Which file in the /proc filesystem lists parameters passed from the bootloader to the kernel? (Specify the file name only without any path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
cmdline, /proc/cmdline

NEW QUESTION 16
- (Exam Topic 1)
Which of the following are init systems used within Linux systems? (Choose THREE correct answers.)

A. startd
B. systemd
C. Upstart
D. SysInit
E. SysV init

Answer: BCE

NEW QUESTION 17
- (Exam Topic 1)
What of the following statements are true regarding /dev/ when using udev? (Choose TWO correct answers.)

A. Entries for all possible devices get created on boot even if those devices are not connected.
B. Additional rules for udev can be created by adding them to /etc/udev/rules.d/.
C. When using udev, it is not possible to create block orcharacter devices in /dev/ using mknod.
D. The /dev/ directory is a filesystem of type tmpfs and is mounted by udev during system startup.
E. The content of /dev/ is stored in /etc/udev/dev and is restored during system startup.

Answer: BD

NEW QUESTION 19
- (Exam Topic 2)
What is the name of the main configuration file for GNU GRUB? (Specify the file name only without any path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
menu.lst, grub.conf, grub.cfg

NEW QUESTION 22
- (Exam Topic 2)
The dpkg-_____ command will ask configuration questions for a specified package, just as if the package were being installed for the first time.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
reconfigure

NEW QUESTION 26
- (Exam Topic 2)
Which option to the yum command will update the entire system? (Specify ONLY the option name without any additional parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
update, upgrade

NEW QUESTION 31
- (Exam Topic 2)
Which of the following commands overwrites the bootloader located on /dev/sda without overwriting the partition table or any data following it?

A. dd if=/dev/zero of=/dev/sda bs=512
B. dd if=/dev/zero of=/dev/sda bs=512 count=1
C. dd if=/dev/zero of=/dev/sda bs=440 count=1
D. dd if=/dev/zero of=/dev/sda bs=440

Answer: C

NEW QUESTION 35
- (Exam Topic 2)
Which of the following environment variables overrides or extends the list of directories holding shared libraries?

A. LD_LOAD_PATH
B. LD_LIB_PATH
C. LD_LIBRARY_PATH
D. LD_SHARE_PATH
E. LD_RUN_PATH

Answer: C

NEW QUESTION 38
- (Exam Topic 2)
To prevent users from being able to fill up the / partition, the _____ directory should be on a separate partition if possible because it is world writeable.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/tmp, tmp

NEW QUESTION 43
- (Exam Topic 2)
Which of the following commands is used to update the list of available packages when using dpkg based package management?

A. apt-get update
B. apt-get upgrade
C. apt-cache update
D. apt-get refresh
E. apt-cache upgrade

Answer: A

NEW QUESTION 44
- (Exam Topic 2)
Which function key is used to start Safe Mode in Windows NT?

A. F10
B. F8
C. F6
D. Windows NT does not support Safe Mode

Answer: D

NEW QUESTION 45
- (Exam Topic 2)
Which of the following apt-get commands will install the newest versions of all currently installed packages without removing any packages or installing new packages that are not already installed?

A. auto-update
B. upgrade
C. dist-upgrade
D. install
E. update

Answer: B

NEW QUESTION 46
- (Exam Topic 2)
When removing a package, which of the following dpkg options will completely remove the files including configuration files?

A. --clean
B. --delete
C. --purge
D. –remove

Answer: C

NEW QUESTION 48
- (Exam Topic 2)
When using rpm --verify to check files created during the installation of RPM packages, which of the following information is taken into consideration? (Choose THREE correct answers.)

A. Timestamps
B. MD5 checksums
C. Inodes
D. File sizes
E. GnuPG signatures

Answer: ABD

NEW QUESTION 53
- (Exam Topic 2)
Which world-writable directory should be placed on a separate partition in order to prevent users from being able to fill up the / filesystem? (Specify the full path to the directory.)

A. Mastered
B. Not Mastered

Answer:

A

Explanation:
/tmp, tmp,/var/tmp, /tmp/, /var/tmp/

NEW QUESTION 56
- (Exam Topic 2)
Which of the following commands can be used to perform a full text search on all available packages on a Debian system?

A. apt
B. apt-cache
C. apt-get
D. apt-search
E. dpkg

Answer: B

NEW QUESTION 58
- (Exam Topic 2)
You want to preview where the package file, apache-xml.i386.rpm, will install its files before installing it. What command do you issue?

A. rpm -qp apache-xml.i386.rpm
B. rpm -qv apache-xml.i386.rpm
C. rpm -ql apache-xml.i386.rpm
D. rpm -qpl apache-xml.i386.rpm

Answer: D

NEW QUESTION 60
- (Exam Topic 2)
Which of the following commands can be used to download the RPM package kernel without installing it?

A. yum download --no-install kernel
B. yumdownloader kernel
C. rpm --download --package kernel
D. rpmdownload kernel

Answer: B

NEW QUESTION 62
- (Exam Topic 2)
Which of the following commands updates the linker cache of shared libraries?

A. mkcache
B. soconfig
C. mkldconfig
D. lddconfig
E. ldconfig

Answer: E

NEW QUESTION 67
- (Exam Topic 3)
What happens after issuing the command vi without any additional parameters?

A. vi starts and loads the last file used andmoves the cursor to the position where vi was when it last exited.
B. vi starts and requires the user to explicitly either create a new or load an existing file.
C. vi exits with an error message as it cannot be invoked without a file name to operate on.
D. vi starts in command mode and opens a new empty file.
E. vi starts and opens a new file which is filled with the content of the vi buffer if the buffer contains text.

Answer: D

NEW QUESTION 68
- (Exam Topic 3)
Which of the following commands can be used to determine how long the system has been running? (Choose TWO correct answers.)

A. uptime
B. up
C. top
D. uname -u
E. time –up

Answer: AC

NEW QUESTION 70

- (Exam Topic 3)
The /etc/_____ file lists currently mounted devices.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mtab

NEW QUESTION 74
- (Exam Topic 3)
Which of the following commands determines the type of a file by using a definition database file which contains information about all common file types?

A. magic
B. type
C. file
D. pmagic
E. hash

Answer: C

NEW QUESTION 79
- (Exam Topic 3)
Which of the following commands displays the contents of a gzip compressed tar archive?

A. gzip archive.tgz | tar xvf -
B. tar ztf archive.tgz
C. gzip -d archive.tgz | tar tvf -
D. tar cf archive.tgz

Answer: B

NEW QUESTION 80
- (Exam Topic 3)
Which variable defines the directories in which a Bash shell searches for executable commands?

A. BASHEXEC
B. BASHRC
C. PATH
D. EXECPATH
E. PATHRC

Answer: C

NEW QUESTION 85
- (Exam Topic 3)
In the vi editor, which of the following commands will copy the current line into the vi buffer?

A. c
B. cc
C. 1c
D. yy
E. 1y

Answer: D

NEW QUESTION 88
- (Exam Topic 3)
Which of the following files, located in the user home directory, is used to store the Bash history?

A. .bash_history
B. .bash_histfile
C. .history
D. .bashrc_history
E. .history_bash

Answer: A

NEW QUESTION 90
- (Exam Topic 3)
What does the ? symbol within regular expressions represent?

A. Match the preceding qualifier one or more times.
B. Match the preceding qualifier zero or more times.
C. Match the preceding qualifier zero or one times.

D. Match a literal ?character.

Answer: C

NEW QUESTION 92
- (Exam Topic 3)
Which of the following commands moves and resumes in the background the last stopped shell job?

A. run
B. bg
C. fg
D. back

Answer: B

NEW QUESTION 97
- (Exam Topic 3)
In a nested directory structure, which find command line option would be used to restrict the command to searching down a particular number of subdirectories?

A. -dirmax
B. -maxdepth
C. -maxlevels
D. -n
E. -s

Answer: B

NEW QUESTION 102
- (Exam Topic 3)
Which of the following commands prints a list of usernames (first column) and their primary group (fourth column) from the /etc/passwd file?

A. fmt -f 1,4 /etc/passwd
B. split -c 1,4 /etc/passwd
C. cut -d : -f 1,4 /etc/passwd
D. paste -f 1,4 /etc/passwd

Answer: C

NEW QUESTION 103
- (Exam Topic 3)
While editing a file in vi, the file changes due to another process. Without exiting vi, how can the file be reopened for editing with the new content?

A. :r
B. :n
C. :w
D. :e

Answer: D

NEW QUESTION 107
- (Exam Topic 3)
Which of the following commands prints all files and directories within the /tmp directory or its subdirectories which are also owned by the user root? (Choose TWO correct answers.)

A. find /tmp -uid root -print
B. find -path /tmp -uid root
C. find /tmp -user root -print
D. find /tmp -user root
E. find -path /tmp -user root –print

Answer: CD

NEW QUESTION 112
- (Exam Topic 3)
In the vi editor, how can commands such as moving the cursor or copying lines into the buffer be issued multiple times or applied to multiple rows?

A. By using the command :repeat followed by the number and the command.
B. By specifying the number right in front of a command such as 4l or 2yj.
C. By selecting all affected lines using the shift and cursor keys before applying the command.
D. By issuing a command such as :set repetition=4 which repeats every subsequentcommand 4 times.

Answer: B

NEW QUESTION 114
- (Exam Topic 3)

Which shell command is used to continue background execution of a suspended command?

A. &
B. bg
C. cont
D. exec
E. :&

Answer: B

NEW QUESTION 116
- (Exam Topic 3)
Which command displays a list of all background tasks running in the current shell? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
jobs

NEW QUESTION 117
- (Exam Topic 3)
Which of the following commands is used to change options and positional parameters for a running Bash?

A. history
B. set
C. bashconf
D. setsh
E. envsetup

Answer: B

NEW QUESTION 120
- (Exam Topic 3)
Which of the following are valid stream redirection operators within Bash? (Choose THREE correct answers.)

A. <
B. <<<
C. >
D. >>>
E. %>

Answer: ABC

NEW QUESTION 121
- (Exam Topic 3)
Which of the following shell redirections will write standard output and standard error output to a file named filename?

A. 2>&1 >filename
B. >filename 2>&1
C. 1>&2>filename
D. >>filename
E. 1&2>filename

Answer: B

NEW QUESTION 125
- (Exam Topic 3)
Which of the following explanations are valid reasons to run a command in the background of your shell?

A. The command does not need to execute immediately.
B. The command has to run immediately but the user needs to log out.
C. The system is being shut down and the command needs to restart execution immediately after the reboot.
D. The command can run at a lower priority than normal commands run on the command line.

Answer: B

NEW QUESTION 128
- (Exam Topic 3)
A user accidentally created the subdirectory \dir in his home directory. Which of the following commands will remove that directory?

A. rmdir '~/\dir'
B. rmdir "~/\dir"
C. rmdir ~/'dir'
D. rmdir ~/\dir

E. rmdir ~/\\dir

Answer: E

NEW QUESTION 130
- (Exam Topic 3)
Immediately after deleting 3 lines of text in vi and moving the cursor to a different line, which single character command will insert the deleted content below the current line?

A. i (lowercase)
B. P (uppercase)
C. p (lowercase)
D. U (uppercase)
E. u (lowercase)

Answer: C

NEW QUESTION 132
- (Exam Topic 3)
When starting a program with the nice command without any additional parameters, which nice level is set for the resulting process?

A. -10
B. 10
C. 20

Answer: C

NEW QUESTION 135
- (Exam Topic 3)
What is the default action of the split command on an input file?

A. It will break the file into new files of 1,024 byte pieces each.
B. It will break the file into new files of 1,000 line pieces each.
C. It will break the file into new files of 1,024 kilobyte pieces each.
D. It will break the file into new files that are no morethan 5% of the size of the original file.

Answer: B

NEW QUESTION 137
- (Exam Topic 3)
Which signal is missing from the following command that is commonly used to instruct a daemon to reinitialize itself, including reading configuration files?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
killall -s _____ daemon
HUP, SIGHUP, 1

NEW QUESTION 140
- (Exam Topic 3)
Which of the following statements is correct regarding the command foo 1> bar?

A. The stdout from the command foo is appended to the file bar.
B. The stdout from the command foo overwrites the file bar.
C. The command foo receives its stdin from the file bar.
D. The command foo receives its stdin from the stdout of the command bar.
E. The stderr from the command foo is saved to the file bar.

Answer: B

NEW QUESTION 143
- (Exam Topic 3)
Which of the following commands kills the process with the PID 123 but allows the process to "clean up" before exiting?

A. kill -PIPE 123
B. kill -KILL 123
C. kill -STOP 123
D. kill -TERM 123

Answer: D

NEW QUESTION 146

- (Exam Topic 3)
You are trying to make a hard link to an ordinary file but ln returns an error. Which of the following could cause this?

A. The source file is hidden.
B. The source file is read-only.
C. The source file is a shell script.
D. You do not own the source file.
E. The source and the target are on different filesystems.

Answer: E

NEW QUESTION 148
- (Exam Topic 3)
Which of the following command sets the Bash variable named TEST with the content FOO?

A. set TEST="FOO"
B. TEST = "FOO"
C. var TEST="FOO"
D. TEST="FOO"

Answer: D

NEW QUESTION 150
- (Exam Topic 4)
Which umask value will result in the default access permissions of 600 (rw-------) for files and 700 (rwx------) for directories? (Specify only the numerical umask value.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
0077, 077

NEW QUESTION 152
- (Exam Topic 4)
Which of the following commands will produce the following output?

```
USER   PID   %CPU %MEM VSZ    RSS    TTY    STAT  START  TIME   COMMAND

root   1255  4.4  0.9  60716  34824  tty7   Ss+   09:25  19:04  /usr/bin/X :0 -
root   2016  0.0  0.0  1792   560    tty1   Ss+   09:26  0:00   /sbin/getty -8
matt   5204  0.0  0.1  6320   3696   pts/4  Ss    13:12  0:00   bash
matt   5219  0.0  0.0  3988   1624   pts/4  S+    13:12  0:00   man bash
matt   5229  0.0  0.0  3584   932    pts/4  S+    13:12  0:00   pager -s
matt   6768  0.0  0.1  10504  3880   pts/2  S+    15:11  0:00   vi README.txt
```

A. jobs
B. proclist
C. netstat
D. ps

Answer: D

NEW QUESTION 155
- (Exam Topic 4)
Which of the following commands instructs SysVinit to reload its configuration file?

A. reinit
B. initreload
C. telinit 7
D. telinit q
E. init reinit

Answer: D

NEW QUESTION 160
- (Exam Topic 4)
Which command is used to create and initialize the files used to store quota information? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

quotacheck

NEW QUESTION 165
- (Exam Topic 4)
Which of the following statements describes a difference between GNU GRUB Legacy and GRUB 2?

A. GRUB 2 no longer requires a configuration file.
B. Partition numbers start at 0 in GRUB Legacy and1in GRUB 2.
C. grub-mkconfigonly works with GRUB Legacy if the--version 1option is used.
D. The configuration filemenu.lst(andgrub.conf) have been replaced withgrub.config.

Answer: B

NEW QUESTION 169
- (Exam Topic 4)
Which of the following settings for umask ensures that new files have the default permissions -rw-r----- ?

A. 0017
B. 0640
C. 0038
D. 0027

Answer: D

NEW QUESTION 173
- (Exam Topic 4)
After successfully creating a hard link called bar to the ordinary file foo, foo is deleted from the filesystem. Which of the following describes the resulting situation?

A. foo and bar would both be removed.
B. foo would be removed while bar would remain accessible.
C. foo would be remove
D. bar would still exist but would be unusable.
E. Both foo and bar would remain accessible.
F. The user is prompted whether bar should be removed, too.

Answer: B

NEW QUESTION 174
- (Exam Topic 4)
What do the permissions -rwSr-xr-x mean for a binary file when it is executed as a command?

A. The command is SetUID and it will be executed with the effective rights of the owner.
B. The command will be executed with the effective rights of the group instead of the owner.
C. The execute flag is not set for the owne
D. Therefore the SetUID flag is ignored.
E. The command will be executed with the effective rights of the owner and group.

Answer: C

NEW QUESTION 178
- (Exam Topic 4)
Which of the following Linux filesystems preallocates a fixed number of inodes at the filesystem's make/creation time and does NOT generate them as needed? (Choose TWO correct answers.)

A. ext3
B. JFS
C. ext2
D. XFS
E. procfs

Answer: AC

NEW QUESTION 181
- (Exam Topic 4)
Which of the following commands changes the ownership of file.txt to the user dan and the group staff?

A. chown dan/staff file.txt
B. chown dan:staff file.txt
C. chown -u dan -g staff file.txt
D. chown dan -g staff file.txt

Answer: B

NEW QUESTION 183
- (Exam Topic 4)
Which type of filesystem is created by mkfs when it is executed with the block device name only and without any additional parameters?

A. ext2
B. ext3
C. ext4
D. XFS
E. VFAT

Answer: A

NEW QUESTION 185
- (Exam Topic 4)
Which of the following is a limitation of the cut command?

A. Thecutcommand can only select output by field position.
B. Thecutcommand cannot reorder fields.
C. Thecutcommand only works on ASCIItext.
D. Thecutcommand cannot use different input and output delimiters.

Answer: B

NEW QUESTION 186
- (Exam Topic 4)
Which of the following commands will change the quota for a specific user?

A. edquota
B. repquota
C. quota -e
D. quota

Answer: A

NEW QUESTION 188
- (Exam Topic 4)
Creating a hard link to an ordinary file returns an error. What could be the reason for this?

A. The source file is hidden.
B. The source file is read-only.
C. The source file is a shell script.
D. The source file is already a hard link.
E. The source and the target are on different filesystems.

Answer: E

NEW QUESTION 190
- (Exam Topic 4)
What is the process ID number of the init process on a SysV init based system?

A. -1
B. 1
C. It is different with each reboot.
D. It is set to the current run level.

Answer: C

NEW QUESTION 193
- (Exam Topic 4)
Which of the following describes the correct order in which the components of the system boot process are started?

A. BIOS, kernel, bootloader, init system
B. BIOS, bootloader,kernel, init system
C. Bootloader, BIOS, kernel, init system
D. BIOS, bootloader, init system, kernel
E. Bootloader, BIOS, init system, kernel

Answer: B

NEW QUESTION 196
- (Exam Topic 4)
Which of the following partition types is used for Linux swap spaces when partitioning hard disk drives?

A. 82
B. 83
C. 8e
D. fd
E. 7

Answer: B

NEW QUESTION 198
- (Exam Topic 4)
Which command is used to start another command with a given nice level? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
nice

NEW QUESTION 202
- (Exam Topic 4)
Which of the following shell commands makes the already defined variable TEST visible to new child processes? (Choose two.)

A. visible TEST
B. declare +x TEST
C. declare –x TEST
D. export TEST
E. export –v TEST

Answer: D

NEW QUESTION 205
- (Exam Topic 4)
The system configuration file named _____ is commonly used to set the default runlevel. (Please provide the file name with full path information)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/inittab

NEW QUESTION 206
- (Exam Topic 4)
Which of the following pieces of information of an existing file is changed when a hard link pointing to that file is created?

A. File size
B. Modify timestamp
C. Link count
D. Inode number
E. Permissions

Answer: C

NEW QUESTION 207
- (Exam Topic 4)
Which signal is sent by the kill command by default?

A. SIGHUP(1)
B. SIGQUIT(3)
C. SIGKILL(9)
D. SIGTERM(15)

Answer: D

NEW QUESTION 210
- (Exam Topic 4)
When piping the output of find to the xargs command, what option to find is useful if the filenames have spaces in them?

A. –rep-space
B. –print0
C. –nospace
D. –ignore-space

Answer: B

NEW QUESTION 211
- (Exam Topic 4)
Which of the following commands print the current working directory when using a Bash shell? (Choose two.)

A. echo "${PWD}"

B. echo "${WD}"
C. pwd
D. printwd
E. echo "${pwd}"

Answer: C

NEW QUESTION 212
- (Exam Topic 4)
Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of the following signal codes?

A. 1(SIGHUP)
B. 2(SIGINT)
C. 3(SIGQUIT)
D. 9(SIGKILL)
E. 15(SIGTERM)

Answer: B

NEW QUESTION 216
- (Exam Topic 4)
Which file in /proc describes the IRQs that are used by various kernel drivers? (Specify the file name only without any path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
interrupts

NEW QUESTION 220
- (Exam Topic 4)
After running the command umount /mnt, the following error message is displayed: umount: /mnt: device is busy.
What is a common reason for this message?

A. The kernel has not finished flushing disk writes to themounted device.
B. A user has a file open in the /mnt directory.
C. Another file system still contains a symlink to a file inside /mnt.
D. The files in /mnt have been scanned and added to the locate database.
E. The kernel thinks that a process is about toopen a file in /mnt for reading.

Answer: B

NEW QUESTION 223
- (Exam Topic 4)
Which file from the /proc file system contains a list of all currently mounted devices? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mounts

NEW QUESTION 224
- (Exam Topic 4)
Which command shows all shared libraries required by a binary executable or another shared library? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ldd

NEW QUESTION 228
- (Exam Topic 4)
Which command will uninstall a package but leave its configuration files in case the package is re-installed?

A. dpkg –s pkgname
B. dpkg –L pkgname
C. dpkg –P pkgname

D. dpkg –r pkgname

Answer: D

NEW QUESTION 229
- (Exam Topic 4)
Which of the following commands will display the inode usage of each mounted filesystem?

A. du –i
B. df –i
C. lsfs –i
D. printfs –i

Answer: B

NEW QUESTION 230
- (Exam Topic 5)
Which of the following commands lists the dependencies of the RPM package file foo.rpm?

A. rpm –qpR foo.rpm
B. rpm –dep foo
C. rpm –ld foo.rpm
D. rpm –R foo.rpm
E. rpm –pD foo

Answer: A

NEW QUESTION 231
- (Exam Topic 5)
What is contained on the EFI System Partition?

A. The Linux root file system
B. The first stage boot loader
C. The default swap space file
D. The Linux default shell binaries
E. The user home directories

Answer: B

NEW QUESTION 236
- (Exam Topic 5)
Which of the following commands installs GRUB 2 into the master boot record on the third hard disk?

A. grub2 install /dev/sdc
B. grub-mkrescue /dev/sdc
C. grub-mbrinstall /dev/sdc
D. grub-setup /dev/sdc
E. grub-install /dev/sdc

Answer: E

NEW QUESTION 238
- (Exam Topic 5)
Which of the following regular expressions represents a single upper-case letter?

A. :UPPER:
B. [A-Z]
C. !a-z
D. %C
E. {AZ}

Answer: B

NEW QUESTION 239
- (Exam Topic 5)
When redirecting the output of find to the xargs command, what option to find is useful if the filenames contain spaces?

A. –rep-space
B. -printnul
C. -nospace
D. –ignore-space
E. –print0

Answer: E

NEW QUESTION 244

- (Exam Topic 5)
What output will be displayed when the user fred executes the following command? echo 'fred $USER'

A. fred fred
B. fred /home/fred/
C. 'fred $USER'
D. fred $USER
E. 'fred fred'

Answer: A

NEW QUESTION 249
- (Exam Topic 5)
Consider the following output from the command ls –i:

```
525385 -rw-rw-r-- 2 1000 1000 0 Feb 12 19:44 a.txt
526255 lrwxrwxrwx 1 1000 1000 5 Feb 12 19:44 b.txt -> a.txt
```

How would a new file named c.txt be created with the same inode number as a.txt (Inode 525385)?

A. ln –h a.txt c.txt
B. ln c.txt a.txt
C. ln a.txt c.txt
D. ln –f c.txt a.txt
E. ln –i 525385 c.txt

Answer: C

NEW QUESTION 250
- (Exam Topic 5)
Given a log file loga.log with timestamps of the format DD/MM/YYYY:hh:mm:ss, which command filters out all log entries in the time period between 8:00 am and 8:59 am?

A. grep –E ':08:[09]+:[09]+' loga.log
B. grep –E ':08:[00]+' loga.log
C. grep –E loga.log ':08:[0-9]+:[0-9]+'
D. grep loga.log ':08:[0-9]:[0-9]'
E. grep –E ':08:[0-9]+:[0-9]+' loga.log

Answer: E

NEW QUESTION 255
- (Exam Topic 5)
Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

A. /boot/grub/stages/stage0
B. /boot/grub/i386-pc/1vm.mod
C. /boot/grub/fstab
D. /boot/grub/grub.cfg
E. /boot/grub/linux/vmlinuz

Answer: BD

NEW QUESTION 256
- (Exam Topic 5)
What is the first program the Linux kernel starts at boot time when using System V init?

A. /lib/init.so
B. /proc/sys/kernel/init
C. /etc/rc.d/rcinit
D. /sbin/init
E. /boot/init

Answer: D

NEW QUESTION 258
- (Exam Topic 5)
Which of the following files, located in a user's home directory, contains the Bash history?

A. .bashrc_history
B. .bash_histfile
C. .history
D. .bash_history
E. .history_bash

Answer: B

NEW QUESTION 261

- (Exam Topic 5)
Which of the following commands changes all CR-LF line breaks in the text file userlist.txt to Linux standard LF line breaks and stores the result in newlist.txt?

A. tr –d '\r' < userlist.txt > newlist.txt
B. tr –c '\n\r' '' <newlist.txt> userlist.txt
C. tr '\r\n' '' <userlist.txt> newlist.txt
D. tr '\r' '\n' userlist.txt newlist.txt
E. tr –s '/^M/^J/' userlist.txt newlist.txt

Answer: A

NEW QUESTION 266
- (Exam Topic 5)
Which of the following commands redirects the output of ls to standard error?

A. ls >-1
B. ls <<ERR
C. ls >&2
D. ls >>2
E. ls |error

Answer: C

NEW QUESTION 270
- (Exam Topic 5)
Which command uninstalls a package but keeps its configuration files in case the package is re-installed?

A. dpkg –s pkgname
B. dpkg –L pkgname
C. dpkg –P pkgname
D. dpkg –v pkgname
E. dpkg –r pkgname

Answer: E

NEW QUESTION 275
- (Exam Topic 5)
The command dbmaint & was used to run dbmaint in the background. However, dbmaint is terminated after logging out of the system. Which alternative dbmaint invocation lets dbmaint continue to run even when the user running the program logs out?

A. job –b dmaint
B. dbmaint &>/dev/pts/null
C. nohup dbmaint &
D. bg dbmaint
E. wait dbmaint

Answer: D

NEW QUESTION 280
Which Bash environment variable defines in which file the user history is stored when exiting a Bash process? (Specify ONLY the variable name.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
HISTFILE

NEW QUESTION 282
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