

## 101-500 Dumps

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

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**NEW QUESTION 1**

- (Exam Topic 1)

Which of the following statements is correct when talking about /proc/?

- A. All changes to files in /proc/ are stored in /etc/proc.d/ and restored on reboot.
- B. All files within /proc/ are read-only and their contents cannot be changed.
- C. All changes to files in /proc/ are immediately recognized by the kernel.
- D. All files within /proc/ are only readable by the root user.

**Answer: C**

**NEW QUESTION 2**

- (Exam Topic 1)

What information can the lspci command display about the system hardware? (Choose THREE correct answers.)

- A. Device IRQ settings
- B. PCI bus speed
- C. System battery type
- D. Device vendor identification
- E. Ethernet MAC address

**Answer: ABD**

**NEW QUESTION 3**

- (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 4**

- (Exam Topic 1)

What is the first program that is usually started, at boot time, by the Linux kernel when using SysV init?

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

**Answer: B**

**NEW QUESTION 5**

- (Exam Topic 1)

During a system boot cycle, what is the program that is run after the BIOS completes its tasks?

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

**Answer: A**

**NEW QUESTION 6**

- (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 7**

- (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 8**

- (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 9**

- (Exam Topic 1)

Which command displays the contents of the Kernel Ring Buffer on the command line? (Provide only the command name without any options or path information)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

dmesg, /bin/dmesg

**NEW QUESTION 10**

- (Exam Topic 1)

You suspect that a new ethernet card might be conflicting with another device. Which file should you check within the /proc tree to learn which IRQs are being used by which kernel drivers?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

interrupts, /proc/interrupts

**NEW QUESTION 10**

- (Exam Topic 1)

Which of the following options for the kernel's command line changes the systemd boot target to rescue.target instead of the default target?

- A. systemd.target=rescue.target
- B. systemd.runlevel=rescue.target
- C. systemd.service=rescue.target
- D. systemd.default=rescue.target
- E. systemd.unit=rescue.target

**Answer:** E

**NEW QUESTION 12**

- (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 15**

- (Exam Topic 2)

In which directory must definition files be placed to add additional repositories to yum?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

/etc/yum.repos.d, /etc/yum.repos.d/, yum.repos.d, yum.repos.d/

**NEW QUESTION 16**

- (Exam Topic 2)

Which of the following commands lists the dependencies of a given dpkg package?

- A. apt-cache depends-onpackage
- B. apt-cache dependencies package
- C. apt-cache depends package
- D. apt-cache requires package

**Answer: C**

**NEW QUESTION 18**

- (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 23**

- (Exam Topic 2)

Which RPM command will output the name of the package which supplied the file /etc/exports?

- A. rpm -F /etc/exports
- B. rpm -qf /etc/exports
- C. rpm -KI /etc/exports
- D. rpm -qp /etc/exports
- E. rpm -qi/etc/exports

**Answer: B**

**NEW QUESTION 24**

- (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 26**

- (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 29**

- (Exam Topic 2)

Which of the following options is used in a GRUB Legacy configuration file to define the amount of time that the GRUB menu will be shown to the user?

- A. hidemenu
- B. splash
- C. timeout
- D. showmenu

**Answer: C**

**NEW QUESTION 31**

- (Exam Topic 2)

What is the difference between the --remove and the --purge action with the dpkg command?

- A. --remove removes the program, --purge also removes the config files
- B. --remove only removes the program, --purge only removes the config files
- C. --remove removes a package, --purge also removes all packages dependent on it
- D. --remove removes only the package file itself, --purge removes all files related to the package

**Answer:** A

#### NEW QUESTION 35

- (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 40

- (Exam Topic 3)

Which of the following commands will reduce all consecutive spaces down to a single space?

- A. tr 's' ' ' < a.txt > b.txt
- B. tr -c ' ' < a.txt > b.txt
- C. tr -d ' ' < a.txt > b.txt
- D. tr -r ' '\n' < a.txt > b.txt
- E. tr -s ' ' < a.txt > b.txt

**Answer:** E

#### NEW QUESTION 44

- (Exam Topic 3)

What happens after issuing the command vi without any additional parameters?

- A. vi starts and loads the last file used and moves 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 46

- (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 47

- (Exam Topic 3)

Which of the following commands will send output from the program myapp to both standard output (stdout) and the file file1.log?

- A. cat < myapp | cat > file1.log
- B. myapp 0>&1 | cat > file1.log
- C. myapp | cat > file1.log
- D. myapp | tee file1.log
- E. tee myapp file1.log

**Answer:** D

#### NEW QUESTION 51

- (Exam Topic 3)

What is the difference between the i and a commands of the vi editor?

- A. i (interactive) requires the user to explicitly switch between vi modes whereas a (automatic) switches modes automatically.
- B. i (insert) inserts text before the current cursor position whereas a (append) inserts text after the cursor.
- C. i (independent rows) starts every new line at the first character whereas a (aligned rows) keeps the indentation of the previous line.
- D. i (interrupt) temporarily suspends editing of a file to the background whereas a (abort) terminates editing.

Answer: B

**NEW QUESTION 56**

- (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 58**

- (Exam Topic 3)

Which grep command will print only the lines that do not end with a / in the file foo?

- A. grep '\$' foo
- B. grep '#' foo
- C. grep -v '\$' foo
- D. grep -v '#' foo

Answer: C

**NEW QUESTION 61**

- (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 63**

- (Exam Topic 3)

What command will generate a list of user names from /etc/passwd along with their login shell?

- A. column -s : 1,7 /etc/passwd
- B. chop -c 1,7 /etc/passwd
- C. colrm 1,7 /etc/passwd
- D. cut -d: -f1,7 /etc/passwd

Answer: D

**NEW QUESTION 65**

- (Exam Topic 3)

In compliance with the FHS, in which of the directories are man pages found?

- A. /usr/share/man
- B. /opt/man
- C. /usr/doc/
- D. /var/pkg/man
- E. /var/man

Answer: A

**NEW QUESTION 66**

- (Exam Topic 3)

What is the default nice level when a process is started using the nice command?

- A. -10
- B. 10
- C. 20

Answer: B

**NEW QUESTION 67**

- (Exam Topic 3)

Which of the following signals is sent to a process when the key combination CTRL+C is pressed on the keyboard?

- A. SIGTERM
- B. SIGINT

- C. SIGSTOP
- D. SIGKILL

**Answer:** B

**NEW QUESTION 70**

- (Exam Topic 3)

What is the maximum niceness value that a regular user can assign to a process with the nice command when executing a new process?

- A. 9
- B. 19
- C. 49
- D. 99

**Answer:** B

**NEW QUESTION 73**

- (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 76**

- (Exam Topic 3)

What is the purpose of the Bash built-in export command?

- A. It allows disks to be mounted remotely.
- B. It runs a command as a process in a subshell.
- C. It makes the command history available to subshells.
- D. It sets up environment variables for applications.
- E. It shares NFS partitions for use by other systems on the network.

**Answer:** D

**NEW QUESTION 78**

- (Exam Topic 3)

Which of the following commands can be used to create a USB storage media from a disk image?

- A. gdisk
- B. dd
- C. cc
- D. fdisk
- E. mount

**Answer:** B

**NEW QUESTION 80**

- (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 83**

- (Exam Topic 3)

What is the output of the following command? echo "Hello World" | tr -d aieou

- A. Hello World
- B. eoo
- C. Hll Wrld
- D. eoo Hll Wrld

**Answer:** C

**NEW QUESTION 88**

- (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 90**

- (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 91**

- (Exam Topic 3)

Regarding the command: nice -5 /usr/bin/prog

Which of the following statements is correct?

- A. /usr/bin/prog is executed with a nice level of -5.
- B. /usr/bin/prog is executed with a nice level of 5.
- C. /usr/bin/prog is executed with a priority of -5.
- D. /usr/bin/prog is executed with a priority of 5.

**Answer: B**

**NEW QUESTION 94**

- (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 95**

- (Exam Topic 3)

What does the + symbol mean in the following grep regular expression: grep '^d[aei]\+d\$' /usr/share/dict/words

- A. Match the preceding character set ([aei]) one or more times.
- B. Match the preceding character set ([aei]) zero or more times.
- C. Match the preceding character set ([aei]) zero or one times.
- D. Match a literal + symbol.

**Answer: A**

**NEW QUESTION 97**

- (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 99**

- (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 104**

- (Exam Topic 4)

Following the Filesystem Hierarchy Standard (FHS), where should binaries that have been compiled by the system administrator be placed in order to be made available to all users on the system?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

/usr/local/bin/

**NEW QUESTION 108**

- (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 109**

- (Exam Topic 4)

Which of the following commands will change all CR-LF pairs in an imported text file, userlist.txt, to Linux standard LF characters and store it as newlist.txt?

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

**Answer:** C

**NEW QUESTION 114**

- (Exam Topic 4)

Which of the following commands is used to change metadata and options for ext3 filesystems?

- A. mod3fs
- B. tune3fs
- C. mod2fs
- D. tune2fs
- E. dump2fs

**Answer:** D

**NEW QUESTION 115**

- (Exam Topic 4)

After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

- A. By creating an ACL redirection from the old to the new path of the data.
- B. By creating a hard link from the old to the new path of the data.
- C. By creating a symbolic link from the old to the new path of the data.
- D. By running the command touch on the old path.
- E. By mounting the new filesystem on the original path of the data.

**Answer:** CE

**NEW QUESTION 117**

- (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 and 1 in GRUB 2.
- C. grub-mkconfig only works with GRUB Legacy if the --version 1 option is used.
- D. The configuration files menu.lst and grub.conf have been replaced with grub.config.

**Answer: B**

**NEW QUESTION 118**

- (Exam Topic 4)

Which of the following commands can be used to locate programs and their corresponding man pages and configuration files?

- A. dirname
- B. which
- C. basename
- D. query
- E. whereis

**Answer: E**

**NEW QUESTION 122**

- (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 125**

- (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 removed.
- 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 129**

- (Exam Topic 4)

Which of the following commands will load a kernel module along with any required dependency modules?

- A. depmod
- B. insmod
- C. modprobe
- D. module\_install
- E. loadmod

**Answer: C**

**NEW QUESTION 131**

- (Exam Topic 4)

What is the purpose of the Filesystem Hierarchy Standard?

- A. It is a security model used to ensure files are organized according to their permissions and accessibility.
- B. It provides unified tools to create, maintain and manage multiple filesystems in a common way.
- C. It defines a common internal structure of inodes for all compliant filesystems.
- D. It is a distribution neutral description of locations of files and directories.

**Answer: D**

**NEW QUESTION 133**

- (Exam Topic 4)

Which utility would be used to change how often a filesystem check is performed on an ext2 filesystem without losing any data stored on that filesystem?

- A. mod2fs
- B. fsck

- C. tune2fs
- D. mke2fs
- E. fixe2fs

**Answer:** C

**NEW QUESTION 137**

- (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 142**

- (Exam Topic 4)

Which command creates a swap space on a block device or a file? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

mkswap

**NEW QUESTION 146**

- (Exam Topic 4)

Which of the following options must be passed to a filesystem's entry in /etc/fstab in order to mount the file system without root privileges?

- A. auto
- B. norestrict
- C. noauto
- D. user

**Answer:** D

**NEW QUESTION 151**

- (Exam Topic 4)

Which SysV init configuration file is commonly used to set the default run level? (Specify the full name of the file, including path.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

inittab

**NEW QUESTION 154**

- (Exam Topic 4)

Which command reads and displays the current contents of the Kernel Ring Buffer on the command line? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

dmesg

**NEW QUESTION 157**

- (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 158**

- (Exam Topic 4)

Which of the following commands makes /bin/foo executable by everyone but writable only by its owner?

- A. `chmod u=rwx,go=rx /bin/foo`
- B. `chmod o+rwx,a+rx /bin/foo`
- C. `chmod 577 /bin/foo`
- D. `chmod 775 /bin/foo`

**Answer:** A

**NEW QUESTION 162**

- (Exam Topic 4)

Which of the following commands will mount an already inserted CD-ROM in /dev/sr0 onto an existing directory /mnt/cdrom when issued with root privileges?

- A. `mount /dev/cdrom /mnt/cdrom`
- B. `mount /dev/sr0 /mnt/cdrom`
- C. `mount -t cdrom /dev/sr0 /mnt/cdrom`
- D. `mount -l cdrom /dev/sr0 /mnt/cdrom`
- E. `mount -f /dev/sr0/mnt/cdrom`

**Answer:** C

**NEW QUESTION 166**

- (Exam Topic 4)

Which of the following examples for Bash file globbing matches a file named root-can-do-this.txt when used in the directory holding that file? (Choose three correct answers.)

- A. `root*can?do-this.{txt,odt}`
- B. `r[oOo][t-can-do*.txt`
- C. `{root,user,admin}-can-??-this.txt`
- D. `root*can*do??this.txt`
- E. `root***{can,may}-do-this.[tT][xX][tT]`

**Answer:** ABC

**NEW QUESTION 168**

- (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 172**

- (Exam Topic 4)

What is the purpose of the xargs command?

- A. It passes arguments to an X server.
- B. It reads standard input (STDIN) and builds up command lines to execute.
- C. It helps shellscripts take variable argument lists.
- D. It asks a question, graphically, and returns the answer to the shell.
- E. It allows users to specify long options for commands that normally only accept short options.

**Answer:** B

**NEW QUESTION 177**

- (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 181**

- (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 183**

- (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 188**

- (Exam Topic 4)

What does the command grub-install /dev/sda do?

- A. GRUB creates partitions on the device/dev/sda to be used with Linux.
- B. GRUB sets the default BIOS boot device to/dev/sda.
- C. GRUB installs all required files and configures the boot loader on device/dev/sda.
- D. GRUB recompiles the Linux Kernel and installs it on the Master Boot Record of device/dev/sda.

**Answer:** C

**NEW QUESTION 192**

- (Exam Topic 4)

In compliance with the FHS, in which of the following directories are documentation files found?

- A. /usr/share/documentation
- B. /usr/local/share/documentation
- C. /var/share/doc
- D. /usr/share/doc
- E. /etc/share/doc

**Answer:** C

**NEW QUESTION 196**

- (Exam Topic 4)

Which of the following commands can be used to create a new file that is 100kB in size?

- A. dd
- B. file
- C. mkfile
- D. touch

**Answer:** A

**NEW QUESTION 197**

- (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 201**

- (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 205**

- (Exam Topic 4)

Which of the following commands shows the definition of a given shell command?

- A. where
- B. stat
- C. type
- D. case

**Answer: C**

**NEW QUESTION 210**

- (Exam Topic 4)

Which of the following apt-get commands will install the newest versions of all currently installed packages?

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

**Answer: C**

**NEW QUESTION 213**

- (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 the mounted 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 to open a file in `/mnt` for reading.

**Answer: B**

**NEW QUESTION 217**

- (Exam Topic 4)

What command changes the nice level of a running process? (Specify ONLY the command without any path or parameters)

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

`renice`

**NEW QUESTION 219**

- (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 224**

- (Exam Topic 4)

Which option to the `tee` command will cause the output to be concatenated on the end of the output file instead of overwriting the existing file contents?

- A. `-a`
- B. `-c`
- C. `--no-clobber`
- D. `--continue`

**Answer: A**

**NEW QUESTION 229**

- (Exam Topic 4)

Which of the following commands can be used to search for the executable file `foo` when it has been placed in a directory not included in `$PATH`?

- A. apropos
- B. which
- C. find
- D. query
- E. whereis

**Answer:** C

**NEW QUESTION 230**

- (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 235**

- (Exam Topic 4)

Which of the following commands updates the already installed RPM package rpmname?

- A. rpm --update rpmname
- B. rpm -U rpmname
- C. rpm -q rpmname
- D. rpm --force rpmname
- E. rpm -u rpmname

**Answer:** B

**NEW QUESTION 238**

- (Exam Topic 4)

Which of the following file permissions belong to a symbolic link?

- A. -rwxrwxrwx
- B. +rwxrwxrwx
- C. lrwxrwxrwx
- D. srwxrwxrwx

**Answer:** C

**NEW QUESTION 239**

- (Exam Topic 5)

What is true regarding UEFI firmware? (Choose two.)

- A. It can read and interpret partition tables
- B. It can use and read certain file systems
- C. It stores its entire configuration on the /boot/ partition
- D. It is stored in a special area within the GPT metadata
- E. It is loaded from a fixed boot disk position

**Answer:** BD

**NEW QUESTION 243**

- (Exam Topic 5)

Which of the following directories on a 64 bit Linux system typically contain shared libraries? (Choose two.)

- A. ~/.lib64/
- B. /usr/lib64/
- C. /var/lib64/
- D. /lib64/
- E. /opt/lib64/

**Answer:** AD

**NEW QUESTION 246**

- (Exam Topic 5)

Which program runs a command in specific intervals and refreshes the display of the program's output? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

watch

**NEW QUESTION 249**

- (Exam Topic 5)

Which of the following properties of a Linux system should be changed when a virtual machine is cloned? (Choose two.)

- A. The partitioning scheme
- B. The file system
- C. The D-Bus Machine ID
- D. The permissions of /root/
- E. The SSH host keys

**Answer:** DE

**NEW QUESTION 251**

- (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 253**

- (Exam Topic 5)

Which of the following apt-get subcommands installs the newest versions of all currently installed packages?

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

**Answer:** E

**NEW QUESTION 257**

- (Exam Topic 5)

A Debian package creates several files during its installation. Which of the following commands searches for packages owning the file /etc/debian\_version?

- A. apt-get search /etc/debian\_version
- B. apt -r /etc/debian\_version
- C. find /etc/debian\_version -dpkg
- D. dpkg -S /etc/debian\_version
- E. apt-file /etc/debian\_version

**Answer:** C

**NEW QUESTION 262**

- (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 266**

- (Exam Topic 5)

Consider the following output from the command ls -li:

```
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 269**

- (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 273**

- (Exam Topic 5)

What does the command mount --bind do?

- A. It makes the contents of one directory available in another directory
- B. It mounts all available filesystems to the current directory
- C. It mounts all user mountable filesystems to the user's home directory
- D. It mounts all file systems listed in /etc/fstab which have the option userbind set
- E. It permanently mounts a regular file to a directory

**Answer: A**

**NEW QUESTION 274**

- (Exam Topic 5)

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. cut -d : -f 1,4 /etc/passwd
- C. sort -t : -k 1,4 /etc/passwd
- D. paste -f 1,4 /etc/passwd
- E. split -c 1,4 /etc/passwd

**Answer: B**

**NEW QUESTION 279**

- (Exam Topic 5)

Which daemon handles power management events on a Linux system?

- A. acpid
- B. batteryd
- C. pwrmgntd
- D. psd
- E. inetd

**Answer: A**

**NEW QUESTION 284**

- (Exam Topic 5) Given the following input stream:

txt1.txt  
atxt.txt  
txtB.txt

Which of the following regular expressions turns this input stream into the following output stream? txt1.bak.txt

atxt.bak.txt  
txtB.bak.txt

- A. s/^txt/.bak/
- B. s/txt/bak.txt/
- C. s/txt\$/bak.txt/
- D. s/^txt\$/bak^/
- E. s/[.txt]/.bak\$1/

**Answer: B**

**NEW QUESTION 286**

- (Exam Topic 5)

Which of the following commands displays the output of the foo command on the screen and also writes it to a file called /tmp/foodata?

- A. foo | less /tmp/foodata
- B. foo | cp /tmp/foodata
- C. foo > /tmp/foodata
- D. foo | tee /tmp/foodata
- E. foo > stdout >> /tmp/foodata

**Answer: D**

**NEW QUESTION 288**

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 292**

When in Normal mode invl, which character can be used to begin a reverse search of the text?

- A. A.?B./C.FD.r

**Answer:** A

**NEW QUESTION 294**

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