

## 101-500 Dumps

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

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**NEW QUESTION 1**

- (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 2**

- (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 3**

- (Exam Topic 1)

Which of the following information is stored within the BIOS? (Choose TWO correct answers.)

- A. Boot device order
- B. Linux kernel version
- C. Timezone
- D. Hardware configuration
- E. The system's hostname

**Answer:** AD

**NEW QUESTION 4**

- (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 5**

- (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 6**

- (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 7**

- (Exam Topic 2)

Which of the following is correct when talking about mount points?

- A. Every existing directory can be used as a mount point.
- B. Only empty directories can be used as a mount point.
- C. Directories need to have the SetUID flag set to be used as a mount point.
- D. Files within a directory are deleted when the directory is used as a mount point.

**Answer:** A

#### NEW QUESTION 8

- (Exam Topic 2)

After modifying GNU GRUB's configuration file, which command must be run for the changes to take effect?

- A. kill -HUP \$(pidof grub)
- B. grub-install
- C. grub
- D. No action is required

**Answer:** D

#### NEW QUESTION 9

- (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 10

- (Exam Topic 2)

Which file should be edited to select the network locations from which Debian installation package files are loaded?

- A. /etc/dpkg/dpkg.cfg
- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

**Answer:** D

#### NEW QUESTION 10

- (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 15

- (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 19

- (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 23**

- (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 25**

- (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 29**

- (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 33**

- (Exam Topic 3)

What is the effect of the `egrep` command when the `-v` option is used?

- A. It enables color to highlight matching parts.
- B. It only outputs non-matching lines.
- C. It shows the command's version information.
- D. It changes the output order showing the last matching line first.

**Answer:** B

**NEW QUESTION 38**

- (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 42**

- (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 43**

- (Exam Topic 3)

Which command is used in a Linux environment to create a new directory? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

mkdir, /usr/bin/mkdir

**NEW QUESTION 45**

- (Exam Topic 3)

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

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

**Answer:** C

**NEW QUESTION 47**

- (Exam Topic 3)

From a Bash shell, which of the following commands directly executes the instruction from the file /usr/local/bin/runme.sh without starting a subshell? (Please select TWO answers.)

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

**Answer:** AB

**NEW QUESTION 49**

- (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 54**

- (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 59**

- (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 64**

- (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 66**

- (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 67**

- (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 69**

- (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 73**

- (Exam Topic 4)

Which of the following commands is used to modify quota settings? (Choose two.)

- A. editquota
- B. setquota
- C. edquota
- D. quotaedit
- E. quotaset

**Answer:** C

**NEW QUESTION 76**

- (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 78**

- (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 81

- (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 86

- (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 89

- (Exam Topic 4)

In Bash, inserting 2>&1 after a command redirects:

- A. standard error to standard input.
- B. standard input to standard error.
- C. standard output to standard error.
- D. standard error to standard output.
- E. standard output to standard input.

**Answer:** C

#### NEW QUESTION 93

- (Exam Topic 4)

Which of the following commands prints a list of available package updates when using RPM-based package management?

- A. dpkg list
- B. yum list
- C. dpkg check-update
- D. yum check-update
- E. yum list-update

**Answer:** D

#### NEW QUESTION 96

- (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 98

- (Exam Topic 4)

Which command is used to query information about the available packages on a Debian system?

- A. apt-cache
- B. apt-get



- C. apt-search
- D. dpkg
- E. dpkg-search

**Answer:** A

**NEW QUESTION 101**

- (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 105**

- (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 106**

- (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 109**

- (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 111**

- (Exam Topic 4)

Which of the following commands will print important system information such as the kernel version and machine hardware architecture?

- A. sysinfo
- B. uname
- C. lspci
- D. arch
- E. info

**Answer:** B

**NEW QUESTION 114**

- (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 117**

- (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 120**

- (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 125**

- (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 shells scripts 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 130**

- (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 133**

- (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 136**

- (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 137**

- (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 142

- (Exam Topic 4)

What does the command mount -a do?

- A. It ensures that all file systems listed with the option noauto in /etc/fstab are mounted.
- B. It shows all mounted file systems that have been automatically mounted.
- C. It opens an editor with root privileges and loads /etc/fstab for editing.
- D. It ensures that all file systems listed with the option auto in /etc/fstab are mounted.
- E. It ensures that all file systems listed in /etc/fstab are mounted regardless of their options.

**Answer:** D

#### NEW QUESTION 143

- (Exam Topic 4)

Which of the following are filesystems which can be used on Linux root partitions? (Choose two.)

- A. NTFS
- B. ext3
- C. XFS
- D. VFAT
- E. swap

**Answer:** BE

#### NEW QUESTION 145

- (Exam Topic 4)

Which of the following commands can be used to display the inode number of a given file?

- A. inode
- B. ls
- C. ln
- D. cp

**Answer:** B

#### NEW QUESTION 147

- (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 152

- (Exam Topic 4)

Which of the following are modes of the vi editor? (Choose two.)

- A. edit mode
- B. insert mode
- C. change mode
- D. review mode
- E. command mode

**Answer:** BE

#### NEW QUESTION 157

- (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 158**

- (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 159**

- (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 161**

- (Exam Topic 4)

Which of the following commands creates an ext3 filesystem on `/dev/sdb1`? (Choose TWO correct answers.)

- A. `/sbin/mke2fs -j /dev/sdb1`
- B. `/sbin/mkfs -t ext3 /dev/sdb1`
- C. `/sbin/mkfs -c ext3 /dev/sdb1`
- D. `/sbin/mke3fs -j /dev/sdb1`

**Answer:** AB

**NEW QUESTION 162**

- (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 165**

- (Exam Topic 4)

Which of the following commands changes the number of days before the ext3 filesystem on `/dev/sda1` has to run through a full filesystem check while booting?

- A. `tune2fs -d 200 /dev/sda1`
- B. `tune2fs -c 200 /dev/sda1`
- C. `tune2fs -i 200 /dev/sda1`
- D. `tune2fs -n 200 /dev/sda1`
- E. `tune2fs --days 200 /dev/sda1`

**Answer:** C

**NEW QUESTION 169**

- (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 170**

- (Exam Topic 5)

When considering the use of hard links, what are valid reasons not to use hard links?

- A. Hard links are not available on all Linux systems because traditional filesystems, such as ext4, do not support them
- B. Each hard link has individual ownership, permissions and ACLs which can lead to unintended disclosure of file content
- C. Hard links are specific to one filesystem and cannot point to files on another filesystem
- D. If users other than root should be able to create hard links, suLN has to be installed and configured
- E. When a hard linked file is changed, a copy of the file is created and consumes additional space

**Answer:** A

#### NEW QUESTION 175

- (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 177

- (Exam Topic 5)

A faulty kernel module is causing issues with a network interface card. Which of the following actions ensures that this module is not loaded automatically when the system boots?

- A. Using lsmod --remove --autoclean without specifying the name of a specific module
- B. Using modinfo -k followed by the name of the offending module
- C. Using modprobe -r followed by the name of the offending module
- D. Adding a blacklist line including the name of the offending module to the file/etc/modprobe.d/blacklist.conf
- E. Deleting the kernel module's directory from the file system and recompiling the kernel, including its modules

**Answer:** D

#### NEW QUESTION 178

- (Exam Topic 5)

Which of the following is true when a file system, which is neither listed in /etc/fstab nor known to system, is mounted manually?

- A. systemd ignores any manual mounts which are not done using the systemctl mount command
- B. The command systemctl mountsync can be used to create a mount unit based on the existing mount
- C. systemd automatically generates a mount unit and monitors the mount point without changing it
- D. Unless a systemd mount unit is created, systemd unmounts the file system after a short period of time
- E. systemctl unmount must be used to remove the mount because system opens a file descriptor on the mount point

**Answer:** B

#### NEW QUESTION 181

- (Exam Topic 5)

When is the content of the kernel ring buffer reset? (Choose two.)

- A. When the ring buffer is explicitly reset using the command dmesg --clear
- B. When the ring buffer is read using dmesg without any additional parameters
- C. When a configurable amount of time, 15 minutes by default, has passed
- D. When the kernel loads a previously unloaded kernel module
- E. When the system is shut down or rebooted

**Answer:** AE

#### NEW QUESTION 183

- (Exam Topic 5)

Which of the following commands installs all packages with a name ending with the string foo?

- A. zypper get "\*foo"
- B. zypper update "foo?"
- C. zypper force "foo\*"
- D. zypper install "\*foo"
- E. zypper add ".\*foo"

**Answer:** D

#### NEW QUESTION 184

- (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 188

- (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 190

- (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 195

- (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 196

- (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 198

- (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/vm.mod
- C. /boot/grub/fstab
- D. /boot/grub/grub.cfg
- E. /boot/grub/linux/vmlinuz

**Answer:** BD

#### NEW QUESTION 199

- (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 200

- (Exam Topic 5)

Which of the following commands list all files and directories within the /tmp/ directory and its subdirectories which are owned by the user root? (Choose two.)

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

**Answer:** AE

#### NEW QUESTION 204

- (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 207

- (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 210

- (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 214

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 215

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

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

**Answer:** A

#### NEW QUESTION 218

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