# 101-500 Dumps

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

## https://www.certleader.com/101-500-dumps.html

**NEW QUESTION 1**
- (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 2**
- (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 3**
- (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 4**
- (Exam Topic 2)
Which Debian package management tool asks the configuration questions for a specific already installed package just as if the package were being installed for the first time? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
dpkg-reconfigure


**NEW QUESTION 5**
- (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 6**
- (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 7**
- (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 8
- (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 9
- (Exam Topic 3)
Which of the following commands will print the last 10 lines of a text file to the standard output?

A. cat -n 10 filename
B. dump -n 10 filename
C. head -n 10 filename
D. tail -n 10 filename

**Answer:** D

## NEW QUESTION 10
- (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 modesautomatically.
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 10
- (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 12
- (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 16
- (Exam Topic 3)
In Bash, inserting 1>&2 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 19**
- (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 20**
- (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 25**
- (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 26**
- (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 28**
- (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 33**
- (Exam Topic 3)
Which of the following sequences in the vi editor saves the opened document and exits the editor? (Choose TWO correct answers.)

A. esc ZZ
B. ctrl :w!
C. esc zz
D. esc :wq!
E. ctrl XX

**Answer:** AD


**NEW QUESTION 37**
- (Exam Topic 3)
When running the command
sed -e "s/a/b/" /tmp/file >/tmp/file
While /tmp/file contains data, why is /tmp/file empty afterwards?

A. The file order is incorrec
B. The destination file must be mentioned before the command to ensure redirection.
C. The command sed did not match anything in that file therefore the output is empty.
D. When the shell establishes the redirection it overwrites the target file before the redirected command starts and opens itfor reading.

E. Redirection for shell commands do not work using the > characte
F. It only works using the | character instead.

**Answer:** C


**NEW QUESTION 38**
- (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 39**
- (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 40**
- (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 45**
- (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 47**
- (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 48**
- (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 49**

- (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 51**
- (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 52**
- (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 56**
- (Exam Topic 4)
In order to display all currently mounted filesystems, which of the following commands could be used? (Choose TWO correct answers.)

A. cat /proc/self/mounts
B. free
C. mount
D. lsmounts
E. cat /proc/filesystems

**Answer:** AC


**NEW QUESTION 59**
- (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 creatinga 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 64**
- (Exam Topic 4)
What is the purpose of the Filesystem Hierarchy Standard?

A. It is a security model used to ensurefiles 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. Itis a distribution neutral description of locations of files and directories.

**Answer:** D

**NEW QUESTION 68**
- (Exam Topic 4)
Which of the following commands enables the setuid (suid) permission on the executable /bin/foo?

A. chmod 1755 /bin/foo
B. chmod 4755 /bin/foo
C. chmod u-s /bin/foo
D. chmod 755+s /bin/foo

**Answer:** B

**NEW QUESTION 70**
- (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 75**
- (Exam Topic 4)
Which of the following commands changes all occurrences of the word "bob" in file data to "Bob" and prints the result to standard output?

A. sed'/bob/Bob' data
B. sed's/bob/Bob/g' data
C. sed's/bob/Bob/' data
D. sed'/bob/Bob/' data
E. sed's/bob,Bob/' data

**Answer:** B

**NEW QUESTION 80**
- (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 83**
- (Exam Topic 4)
Where does the BIOS search for a bootloader?

A. On all connected storage media regardless of the boot device order.
B. On all connected storage media in the defined boot device order.
C. Only on hard disk drives in the defined boot device order.
D. Only on the last added storage media.
E. The BIOS is not responsible to search for a valid bootloader.

**Answer:** B

**NEW QUESTION 85**
- (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 86**
- (Exam Topic 4)

Which permissions and ownership should the file /etc/passwd have?

A. -rw-------1 rootroot531 Jun 5 22:45 /etc/passwd
B. -rw-r--r--1 rootroot531 Jun 5 22:45 /etc/passwd
C. -rw-r--r--1 11531 Jun 5 22:45 /etc/passwd
D. -rw-------1 11531 Jun 5 22:45 /etc/passwd

**Answer:** B

**NEW QUESTION 87**
- (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[oOoO]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 89**
- (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 90**
- (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 93**
- (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 96**
- (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 97**
- (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 100**
- (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 101**
- (Exam Topic 4)
In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and the following 16 lines (17 lines total)? Specify the correct vi command without spaces.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
17yy

**NEW QUESTION 105**
- (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 107**
- (Exam Topic 4)
Which of the following commands are common Linux commands for file management? (Choose three correct answers.)

A. copy
B. mv
C. move
D. cp
E. mkdir

**Answer:** BDE

**NEW QUESTION 110**
- (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 114**
- (Exam Topic 4)
Which of the following is the device file name for the second partition on the only SCSI drive?

A. /dev/hda1
B. /dev/sda2
C. /dev/sd0a2
D. /dev/sd1p2

**Answer:** B

**NEW QUESTION 119**

- (Exam Topic 5)
Which command must be entered before exiting vi to save the current file as filea.txt?

A. %s filea.txt
B. %w filea.txt
C. :save filea.txt
D. :w filea.txt
E. :s filea.txt

**Answer:** D


**NEW QUESTION 123**
- (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 124**
- (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 126**
- (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 128**
- (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 132**
- (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 133**
- (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 134**
- (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 138**
- (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 139**
- (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 141**
- (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 146**
- (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 150**
- (Exam Topic 5)
What is true regarding the command
ls > files
if files does not exist?

A. The output of ls is printed to the terminal
B. files is created and contains the output of ls
C. An error message is shown and ls is not executed
D. The command files is executed and receives the output of ls
E. Any output of ls is discarded

**Answer:** B

**NEW QUESTION 155**
- (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 156**
......

# Thank You for Trying Our Product

* 100% Pass or Money Back

  All our products come with a 90-day Money Back Guarantee.

* One year free update

  You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

  We currently serve more than 30,000,000 customers.

* Shop Securely

  All transactions are protected by VeriSign!

**100% Pass Your 101-500 Exam with Our Prep Materials Via below:**

https://www.certleader.com/101-500-dumps.html