LPI

Exam Questions 101-500

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

NEW QUESTION 1
- (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 2
- (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 3
- (Exam Topic 2)
Which command will disable swapping on a device? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
swapoff, /sbin/swapoff

NEW QUESTION 4
- (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 5
- (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 6
- (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 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)
What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

A. To create RAID 9 arrays.
B. To dynamically change the size of logical volumes.
C. To encrypt logical volumes.
D. To create snapshots.
E. To dynamically create or delete logical volumes.

Answer: BDE

NEW QUESTION 9
- (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 10
- (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 10
- (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 15
- (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 20
- (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 22
- (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 24
- (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 27
- (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 32
- (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 35
- (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 37
- (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 42
- (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 47
- (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 48
- (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 51
- (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 56
- (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 58
- (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 62
- (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 65
- (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 66
- (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 69
- (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 72
- (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 77
- (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 78
- (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 83
- (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 84
- (Exam Topic 4)
What does the command grub-install /dev/sda do?

A. GRUB creates partitions on the device/dev/sdato 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 86
- (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 88
- (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 93
- (Exam Topic 4)
How is a symbolic link called bar.conf pointing to foo.conf created?

A. ln –s foo.conf bar.conf
B. ln foo.conf bar.conf
C. ln –s bar.conf foo.conf
D. ln bar.conffoo.conf

Answer: A

NEW QUESTION 98
- (Exam Topic 4)
Which of the following is true for hard linked files? (Choose three.)

A. The output ofstatwill reporthardinstead ofregular file.
B. The hard linked files have the same permissions and owner.
C. The hard linked files share the same inode.
D. The hard linked files are indicated by a -> when listed withls -1.
E. The hard linked files must be on the same filesystem.

Answer: BCE

NEW QUESTION 103
- (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 108
- (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 113
- (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 114
- (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 119
- (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 122
- (Exam Topic 5)
Which of the following commands displays the path to the executable file that would be executed when the command foo is invoked?

A. lsattr foo
B. apropos foo
C. locate foo
D. whatis foo
E. which foo

Answer: A

NEW QUESTION 126
- (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 131
- (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 132
- (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 136
- (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 141
- (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 142
- (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 143
- (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 144
- (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 145
- (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 147
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 149
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

101-500 Practice Exam Features:

* 101-500 Questions and Answers Updated Frequently

* 101-500 Practice Questions Verified by Expert Senior Certified Staff

* 101-500 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 101-500 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The 101-500 Practice Test Here](https://www.surepassexam.com/101-500-exam-dumps.html)