



Actual exam question from LPI's 010-160

Question #: 1

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What are the differences between hard disk drives and solid state disks? (Choose two.)

- A. Hard disks have a motor and moving parts, solid state disks do not.
- B. Hard disks can fail due to physical damage, while solid state disks cannot fail.
- C. Solid state disks can store many times as much data as hard disk drives.
- D. `/dev/sda` is a hard disk device while `/dev/ssda` is a solid state disk.
- E. Solid state disks provide faster access to stored data than hard disks.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 2

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Reverse DNS assigns hostnames to IP addresses. How is the name of the IP address 198.51.100.165 stored on a DNS server?

- A. In the A record for 165.100.51.198.ipv4.arpa.
- B. In the PTR record for 165.100.51.198.in-addr.arpa.
- C. In the RNAME record for 198-51-100-165.rev.arpa.
- D. In the ARPA record for 165.100.51.198.rev.
- E. In the REV record for arpa.in-addr.198.51.100.165.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 3

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following types of bus can connect hard disk drives with the motherboard?

- A. The RAM bus
- B. The NUMA bus
- C. The CPU bus
- D. The SATA bus
- E. The Auto bus

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 4

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Members of a team already have experience using Red Hat Enterprise Linux. For a small hobby project, the team wants to set up a Linux server without paying for a subscription. Which of the following Linux distributions allows the team members to apply as much of their Red Hat Enterprise Linux knowledge as possible?

- A. Ubuntu Linux LTS
- B. Raspbian
- C. Debian GNU/Linux
- D. CentOS
- E. openSUSE

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 5

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What information can be displayed by top?

- A. Existing files, ordered by their size.
- B. Running processes, ordered by CPU or RAM consumption.
- C. User accounts, ordered by the number of logins.
- D. User groups, ordered by the number of members.
- E. User accounts, ordered by the number of files.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 6

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands can be used to resolve a DNS name to an IP address?

- A. dnsname
- B. dns
- C. query
- D. host
- E. iplookup

Show Suggested Answer



Actual exam question from LPI's 010-160

Question #: 7

Topic #: 1

[\[All 010-160 Questions\]](#)

Which of the following outputs comes from the command free?

A.

```
A. 21:04:15 up 14 days, 7:43, 3 users, load average: 0.89, 1.00, 0.99
```

B.

```
avg-cpu:  %user   %nice   %system  %iowait  %steal   %idle
           34.04    0.03    13.88    1.06    0.00    50.99
```

C.

```
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg_ssd- 25G   20G   3.6G  85%  /
root
```

D.

```
1.8M    /tmp
```

E.

```
total      used      free      shared    buff/cache  available
Mem: 16123128 12565680 2011624 412128 1545824 7180416
```

Show Suggested Answer



Actual exam question from LPI's 010-160

Question #: 8

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is true about the dmesg command? (Choose two.)

- A. It traces the execution of a command and shows each step the program carries out.
- B. It sends messages to the command lines of all current user sessions.
- C. It displays the content of the Linux kernel's ring buffer.
- D. It immediately outputs all new messages written to the system journal.
- E. It might not display older information because it was overwritten by newer information.

Show Suggested Answer







Actual exam question from LPI's 010-160

Question #: 9

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following outputs could stem from the command last?

- A. 1 ls 2 cat text.txt 3 logout
- B. Password for user last changed at Sat Mar 31 16:38:57 EST 2018
- C. Last login: Fri Mar 23 10:56:39 2018 from server.example.com
- D. EXT4-fs (dm-7): mounted filesystem with ordered data mode. Opts: (null)
- E. root tty2 Wed May 17 21:11 - 21:11 (00:00)

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 10

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is the UID of the user root?

- A. 1
- B. -1
- C. 255
- D. 65536
- E. 0

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 11

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which permissions are set on a regular file once the permissions have been modified with the command `chmod 654 file.txt`?

- A. `drw-r-xr--`
- B. `d-wxr-x--`
- C. `-wxr-x--x`
- D. `-rwxrw---x`
- E. `-rw-r-xr--`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 12

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is true about the owner of a file?

- A. Each file is owned by exactly one user and one group.
- B. The owner of a file always has full permissions when accessing the file.
- C. The user owning a file must be a member of the file's group.
- D. When a user is deleted, all files owned by the user disappear.
- E. The owner of a file cannot be changed once it is assigned to an owner.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 13

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following permissions are set on the /tmp/ directory?

- A. rwxrwxrwt
- B. -----rwx
- C. rwSrW-rw-
- D. rwxrWS---
- E. r-xr-X--t

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 14

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which command adds the new user tux and creates the user's home directory with default configuration files?

- A. defaultuser tux
- B. useradd -m tux
- C. usercreate tux
- D. useradd -o default tux
- E. passwd -a tux

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 15

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What information is stored in /etc/passwd? (Choose three.)

- A. The user's storage space limit
- B. The numerical user ID
- C. The username
- D. The encrypted password
- E. The user's default shell

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 16

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following tar options handle compression? (Choose two.)

- A. -bz
- B. -z
- C. -g
- D. -j
- E. -z2

Show Suggested Answer







Actual exam question from LPI's 010-160

Question #: 17

Topic #: 1

[\[All 010-160 Questions\]](#)

---

FILL BLANK -

What keyword is used in a shell script to begin a loop? (Specify one keyword only, without any additional information.)

[Show Suggested Answer](#)





Actual exam question from LPI's 010-160

Question #: 18

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands creates an archive file `work.tar` from the contents of the directory `./work/`?

A. `tar --new work.tar ./work/`

B. `tar -cf work.tar ./work/`

C. `tar -create work.tgz -content ./work/`

D. `tar work.tar < ./work/`

E. `tar work > work.tar`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 19

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following keys can be pressed to exit less?

- A. l
- B. x
- C. e
- D. q
- E. !

Show Suggested Answer



Actual exam question from LPI's 010-160

Question #: 20

Topic #: 1

[\[All 010-160 Questions\]](#)

---

The current directory contains the following file:

```
-rwxr-xr-x 1 root root 859688 Feb 7 08:15 test.sh
```

Given that the file is a valid shell script, how can this script be executed? (Choose two.)

- A. run test.sh
- B. \${test.sh}
- C. cmd ./test.sh
- D. ./test.sh
- E. bash test.sh

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 21

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands sorts the output of the command export-logs?

- A. export-logs < sort
- B. export-logs > sort
- C. export-logs & sort
- D. export-logs | sort
- E. export-logs <> sort

Show Suggested Answer



Actual exam question from LPI's 010-160

Question #: 22

Topic #: 1

[\[All 010-160 Questions\]](#)

---

A directory contains the following files:

a.txt

b.txt

c.cav

What would be the output of the following shell script?

```
for file in *.txt
```

```
do
```

```
    echo $file
```

```
done
```

A. \*.txt

B. a b

C. c.cav

D. a.txt

E. a.txt b.txt

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 23

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands will search for the file foo.txt under the directory /home?

- A. search /home -file foo.txt
- B. search /home foo. txt
- C. find /home - file foo.txt
- D. find /home -name foo.txt
- E. find /home foo.txt

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 24

Topic #: 1

[\[All 010-160 Questions\]](#)

---

The current directory contains the following file:

```
-rw-r`"r`" 1 root exec 24551 Apr 2 12:36 test.sh
```

The file contains a valid shell script, but executing this file using `./test.sh` leads to this error: `bash: ./test.sh: Permission denied`

What should be done in order to successfully execute the script?

- A. The file's extension should be changed from `.sh` to `.bin`.
- B. The execute bit should be set in the file's permissions.
- C. The user executing the script should be added to the `exec` group.
- D. The SetUID bit should be set in the file's permissions
- E. The script should be run using `#!/test. sh` instead of `./test.sh`.

Show Suggested Answer







Actual exam question from LPI's 010-160

Question #: 25

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is a Linux distribution?

- A. The Linux file system as seen from the root account after mounting all file systems.
- B. A bundling of the Linux kernel, system utilities and other software.
- C. The set of rules which governs the distribution of Linux kernel source code.
- D. An operating system based on Linux but incompatible to the regular Linux kernel.
- E. A set of changes to Linux which enable Linux to run on another processor architecture.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 26

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which package management tool is used in Red Hat-based Linux Systems?

- A. portage
- B. rpm
- C. apt-get
- D. dpkg
- E. packagectl

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 27

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following programs is a graphical editor for vector graphics?

- A. Python
- B. NGINX
- C. Samba
- D. Inkscape
- E. MySQL

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 28

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Where is the operating system of a Raspberry Pi stored?

- A. On the master device attached to the Raspberry Pi's IDE bus.
- B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
- C. On a removable SD card which is put into the Raspberry Pi.
- D. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
- E. On rewritable flash storage which is built into the Raspberry Pi.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 29

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is defined by a Free Software license?

- A. Details of the technical documentation each contributor has to provide.
- B. The programming languages which may be used to extend the licensed program.
- C. A complete list of libraries required to compile the licensed software.
- D. Limits on the purposes for which the licensed software may be used.
- E. Conditions for modifying and distributing the licensed software.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 30

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Why are web browser cookies considered dangerous?

- A. Cookies support identification and tracking of users.
- B. Cookies are always public and accessible to anyone on the internet.
- C. Cookies consume significant amounts of storage and can exhaust disk space.
- D. Cookies store critical data which is lost when a cookie is deleted.
- E. Cookies can contain and execute viruses and malware.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 31

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following are typical services offered by public cloud providers? (Choose three.)

- A. Platform as a Service(PaaS)
- B. Infrastructure as a Service(IaaS)
- C. Internet as a Service(IaaS)
- D. Graphics as a Service (GaaS)
- E. Software as a Service (SaaS)

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 32

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following characters in a shell prompt indicates the shell is running with root privileges?

- A. !
- B. #
- C. \*
- D. &
- E. \$

Show Suggested Answer







Actual exam question from LPI's 010-160

Question #: 33

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands are used to get information on the proper use of ls? (Choose two.)

- A. option ls
- B. usage ls
- C. manual ls
- D. man ls
- E. info ls

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 34

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is true about a recursive directory listing?

- A. It includes the content of sub-directories.
- B. It includes the permissions of the directory listed.
- C. It includes details of file system internals, such as inodes.
- D. It includes ownership information for the files.
- E. It includes a preview of content for each file in the directory.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 35

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Running the command `rm Downloads` leads to the following error: `rm: cannot remove 'Downloads/': Is a directory`

Which of the following commands can be used instead to remove Downloads, assuming Downloads is empty? (Choose two.)

- A. `undir Downloads`
- B. `rmdir Downloads`
- C. `dir -r Downloads`
- D. `rem Downloads`
- E. `rm -r Downloads`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 36

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following directories contains information, documentation and example configuration files for installed software packages?

- A. `/usr/share/doc/`
- B. `/etc/defaults/`
- C. `/var/info/`
- D. `/doc/`
- E. `/usr/examples/`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 37

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following commands adds the directory /new/dir/ to the PATH environment variable?

- A. \$PATH=/new/dir: \$PATH
- B. PATH=/new/dir: PATH
- C. export PATH=/new/dir: PATH
- D. export \$PATH=/new/dir: \$PATH
- E. export PATH=/new/dir: \$PATH

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 38

Topic #: 1

[\[All 010-160 Questions\]](#)

---

A user is currently in the directory `/home/user/Downloads/` and runs the command `ls ../Documents/`  
Assuming it exists, which directory's content is displayed?

- A. `/home/user/Documents/`
- B. `/home/user/Documents/Downloads/`
- C. `/home/user/Downloads/Documents/`
- D. `/Documents/`
- E. `/home/Documents`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 39

Topic #: 1

[\[All 010-160 Questions\]](#)

---

A directory contains the following three files:

texts 1.txt

texts 2.txt

texts 3.csv

Which command copies the two files ending in .txt to the /tmp/ directory?

A. cp ?? .txt /tmp/

B. cp \*.txt /tmp/

C. cp. \.txt /tmp/

D. cp ?.txt /tmp/

E. cp \$?.txt /tmp/

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 40

Topic #: 1

[\[All 010-160 Questions\]](#)

---

FILL BLANK -

When typing a long command line at the shell, what single character can be used to split a command across multiple lines?

[Show Suggested Answer](#)







Actual exam question from LPI's 010-160

Question #: 41

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following DNS record types hold an IP address? (Choose two.)

- A. NS
- B. AAAA
- C. MX
- D. A
- E. CNAME

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 42

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following values could be a process ID on Linux?

- A. /bin/bash
- B. 60b503cd-019e-4300-a7be-922f074ef5ce
- C. /sys/pid/9a14
- D. fff3
- E. 21398

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 43

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following is a protocol used for automatic IP address configuration?

- A. NFS
- B. LDAP
- C. SMTP
- D. DNS
- E. DHCP

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 44

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following devices represents a hard disk partition?

A. /dev/ttyS0

B. /dev/sata0

C. /dev/part0

D. /dev/sda2

E. /dev/sda/p2

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 45

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following statements regarding Linux hardware drivers is correct?

- A. Drivers are regular Linux programs which have to be run by the user who wants to use a device.
- B. Drivers are not used by Linux because the BIOS handles all access to hardware on behalf of Linux.
- C. Drivers are stored on their devices and are copied by the Linux kernel when a new device is attached
- D. Drivers are downloaded from the vendor's driver repository when a new device is attached.
- E. Drivers are either compiled into the Linux kernel or are loaded as kernel modules.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 46

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What can be found in the `/proc/` directory?

- A. One directory per installed program.
- B. One device file per hardware device.
- C. One file per existing user account.
- D. One directory per running process.
- E. One log file per running service.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 47

Topic #: 1

[\[All 010-160 Questions\]](#)

---

A new server needs to be installed to host services for a period of several years. Throughout this time, the server should receive important security updates from its Linux distribution.

Which of the following Linux distributions meet these requirements? (Choose two.)

- A. Ubuntu Linux LTS
- B. Fedora Linux
- C. Debian GNU/Linux Unstable
- D. Ubuntu Linux non-LTS
- E. Red Hat Enterprise Linux

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 48

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which of the following directories must be mounted with read and write access if it resides on its own dedicated file system?

- A. /opt
- B. /lib
- C. /etc
- D. /var
- E. /usr

Show Suggested Answer







Actual exam question from LPI's 010-160

Question #: 49

Topic #: 1

[\[All 010-160 Questions\]](#)

---

The ownership of the file doku.odt should be changed. The new owner is named tux. Which command accomplishes this change?

- A. `chmod u=tux doku.odt`
- B. `newuser doku.odt tux`
- C. `chown tux doku.odt`
- D. `transfer tux: doku.odt`
- E. `passwd doku.odt:tux`

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 50

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What happens to a file residing outside the home directory when the file owner's account is deleted? (Choose two.)

- A. During a file system check, the file is moved to /lost +found.
- B. The file is removed from the file system.
- C. The UID of the former owner is shown when listing the file's details.
- D. The user root is set as the new owner of the file.
- E. Ownership and permissions of the file remain unchanged.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 51

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which statements about the directory `/etc/skel` are correct? (Choose two.)

- A. The personal user settings of root are stored in this directory.
- B. The files from the directory are copied to the home directory of the new user when starting the system.
- C. The files from the directory are copied to the home directory of a new user when the account is created.
- D. The directory contains a default set of configuration files used by the `useradd` command.
- E. The directory contains the global settings for the Linux system.

Show Suggested Answer





Actual exam question from LPI's 010-160

Question #: 52

Topic #: 1

[\[All 010-160 Questions\]](#)

---

What is true about links in a Linux file system?

- A. A symbolic link can only point to a file and not to a directory.
- B. A hard link can only point to a directory and never to a file.
- C. When the target of the symbolic link is moved, the link is automatically updated.
- D. A symbolic link can point to a file on another file system.
- E. Only the root user can create hard links.

Show Suggested Answer



Actual exam question from LPI's 010-160

Question #: 53

Topic #: 1

[\[All 010-160 Questions\]](#)

---

Which files are the source of the information in the following output? (Choose two.) uid=1000 (bob) gid=1000 (bob) groups=1000 (bob), 10 (wheel), 150 (wireshark), 989 (docker), 1001 (libvirt)

- A. /etc/id
- B. /etc/passwd
- C. /etc/group
- D. /home/index
- E. /var/db/users

Show Suggested Answer

