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

LPI 101-500

Version Demo

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Topic Break Down

Topic	No. of Questions
Topic 1, System Architecture	22
Topic 2, Linux Installation and Package Management	30
Topic 3, GNU and Unix Commands	55
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Total	240

QUESTION NO: 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**QUESTION NO: 2**

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: B D**QUESTION NO: 3**

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

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

D. srwxrwxrwx

ANSWER: C

QUESTION NO: 4

To what environment variable will you assign or append a value if you need to tell the dynamic linker to look in a build directory for some of a program's shared libraries?

- A. LD_LOAD_PATH
- B. LD_LIB_PATH
- C. LD_LIBRARY_PATH
- D. LD_SHARE_PATH
- E. LD_RUN_PATH

ANSWER: C

QUESTION NO: 5

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: B D E

QUESTION NO: 6

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: A B C

QUESTION NO: 7

Which character, added to the end of a command, runs that command in the background as a child process of the current shell?

- A. !
- B. +
- C. &
- D. %
- E. #

ANSWER: C

QUESTION NO: 8

Which of the following files, located in the user home directory, is used to store the Bash history?

- A. `.bash_history`
- B. `.bash_histfile`
- C. `.history`
- D. `.bashrc_history`
- E. `.history_bash`

ANSWER: E

Explanation:

QUESTIONNO: 26

Which Bash environment variable defines in which file the user history is stored when exiting a Bash process? (Specify ONLY the variable name.)

Answer: HISTFILE

QUESTION NO: 9

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

QUESTION NO: 10

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

QUESTION NO: 11

You are having some trouble with a disk partition and you need to do maintenance on this partition but your users home directories are on it and several are logged in. Which command would disconnect the users and allow you to safely execute maintenance tasks?

- A. telinit 1
- B. shutdown -r now
- C. killall -9 inetd
- D. /bin/netstop --maint
- E. /etc/rc.d/init.d/network stop

ANSWER: A

QUESTION NO: 12

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: A C

QUESTION NO: 13

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: A**Explanation:**

QUESTIONNO: 54

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

B./

C.F

D.r

Answer: A**QUESTION NO: 14**

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: D E**QUESTION NO: 15**

Which of the following statements are true about the boot sequence of a PC using a BIOS? (Choose two.)

A. Some parts of the boot process can be configured from the BIOS

B. Linux does not require the assistance of the BIOS to boot a computer

C. The BIOS boot process starts only if secondary storage, such as the hard disk, is functional

D. The BIOS initiates the boot process after turning the computer on

E. The BIOS is started by loading hardware drivers from secondary storage, such as the hard disk

ANSWER: A D