



## LPIC-1 Exam 101 v1.0 (101-500) - Full Access

### Question 101 ( Topic 1 )



Which of the following commands can perform searches on file contents using regular expressions?

- A. find
- B. locate
- C. grep
- D. reggrep
- E. pgrep

Answer : C

### Question 102 ( Topic 1 )



In a nested directory structure, which find command line option would be used to restrict the command to searching down a particular number of subdirectories?

- A. -maxdepth
- B. -dirmax
- C. -maxlevels
- D. -s
- E. -n

Answer : A

### Question 103 ( Topic 1 )



Which of the following commands determines a file's format by using a definition database file which contains information about all common file types?

- A. type
- B. file
- C. magic
- D. pmagic
- E. hash

Answer : B

### Question 104 ( Topic 1 )



Which of the following commands generates a list of user names from /etc/passwd along with their login shell?

- A. column -s : 1,7 /etc/passwd
- B. chop -c 1,7 /etc/passwd
- C. colrm 1,7 /etc/passwd
- D. sort -t: -k1,7 /etc/passwd
- E. cut -d: -f1,7 /etc/passwd

Answer : E

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#### Question 105 ( Topic 1 )



If the gzip compressed tar archive texts.tgz contains the files a.txt and b.txt, which files will be present in the current directory after running gunzip texts.tgz?

- A. Only a.txt, b.txt, and texts.tgz
- B. Only texts.tar and texts.tgz
- C. Only a.txt.gz and b.txt.gz
- D. Only a.txt and b.txt
- E. Only texts.tar

Answer : B

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#### Question 106 ( Topic 1 )



In the vi editor, how can commands such as moving the cursor or copying lines into the buffer be issued multiple times or applied to multiple rows?

- A. By using the command :repeat followed by the number and the command
- B. By specifying the number right in front of a command such as 4i or 2yj.
- C. By selecting all affected lines using the shift and cursor keys before applying the command.
- D. By issuing a command such as :set repetition=4 with repeats every subsequent command 4 times.
- E. By specifying the number after a command such as 14 or yj2 followed by escape.

Answer : B

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#### Question 107 ( Topic 1 )



Which of the following statements is correct for a command ending with an & character?

- A. The command's output is redirected to /dev/null.
- B. The command is run in background of the current shell.
- C. The command's output is executed by the shell.
- D. The command is run as a direct child of the init process.
- E. The command's input is read from /dev/null.

Answer : B

**Question 108 ( Topic 1 )**

Which of the following commands reads a file and creates separate chunks of a given size from the file's contents?

- A. ar
- B. cat
- C. break
- D. split
- E. parted

Answer : D

**Question 109 ( Topic 1 )**

What is the purpose of the xargs command?

- A. It passes arguments to an X server.
- B. It repeats the execution of a command using different parameters for each invocation.
- C. It reads standard input and builds up commands to execute.
- D. It asks a question, graphically, and returns the answer to the shell.
- E. It allows specifying long options (like --help) for commands that normally only accept short options (like -h)

Answer : C

**Question 110 ( Topic 1 )**

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Which command displays a list of all background tasks running in the current shell? (Specify ONLY the command without any path or parameters.)

Answer : jobs

**Question 111 ( Topic 1 )**

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Which command is used to change the priority of an already running process? (Specify ONLY the command without any path or parameters.)

Answer : renice

**Question 112 ( Topic 1 )**

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

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

Answer : B

**Question 113 ( Topic 1 )**

When booting from the hard disk, a computer successfully loads the Linux kernel and initramfs but hangs during the subsequent startup tasks. The system is booted using a Linux based rescue CD to investigate the problem. Which of the following methods helps to identify the root cause of the problem?

- A. Using the dmesg command from the rescue CD's shell to view the original system's boot logs.
- B. Investigating the file /proc/kmsg on the computer's hard disk for possible errors.
- C. Investigating the file /var/log on the computer's hard disk for possible errors.
- D. Using chroot to switch to the file system on the hard disk and use dmesg to view the logs.
- E. Rebooting again from the hard drive since the system successfully booted from the rescue CD.

Answer : C

**Question 114 ( Topic 1 )**

Where is the bootloader stored on the hard disk of a UEFI system?

- A. In the EFI Boot Record (EBR).
- B. In the Master Boot Record (MBR).
- C. On the EFI System Partition (ESP).
- D. On the partition labeled boot.
- E. On the partition number 127.

Answer : C

**Question 115 ( Topic 1 )**

What is the correct way to set the default system boot target to multi-user?

- A. systemctl isolate multi-user.target
- B. systemctl set-runlevel multi-user.target
- C. systemctl set-boot multi-user.target
- D. systemctl set-default multi-user.target
- E. systemctl boot -p multi-user.target

Answer : D

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Question 116 ( Topic 1 )



Which of the following statements are correct about the initial RAM disk involved in the boot process of Linux? (Choose two.)

- A. An initramfs is a compressed file system archive, which can be unpacked to examine its contents.
- B. An initramfs file contains the MBR, the bootloader and the Linux kernel.
- C. After a successful boot, the initramfs contents are available in /run/initramfs/.
- D. The kernel uses the initramfs temporarily before accessing the real root file system .
- E. An initramfs does not depend on a specific kernel version and is not changed after the initial installation.

Answer : AC

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Question 117 ( Topic 1 )



Which of the following commands loads a kernel module along with any required dependency modules?

- A. depmod
- B. modprobe
- C. module\_install
- D. insmod
- E. loadmod

Answer : B

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Question 118 ( Topic 1 )



What information can the lspci command display about the system hardware? (Choose three.)

- A. System battery type
- B. Device IRQ settings
- C. PCI bus speed
- D. Ethernet MAC address
- E. Device vendor identification

Answer : BCE

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Question 119 ( Topic 1 )



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Which System V init configuration file is commonly used to set the default run level? (Specify the full name of the file.)

including path.)

Answer : /etc/inittab

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Question 120 ( Topic 1 )



Given the following two symbolic links in a System V init configuration:

/etc/rc1.d/Ko1apache2

/etc/rc2.d/S02apache2

When are the scripts executed that are referenced by these links? (Choose two.)

- A. S02apache2 is run when runlevel 2 is entered.
- B. S02apache2 is run when runlevel 2 is left.
- C. Ko1apache2 is never run because K indicates a deactivated service.
- D. Both S02apache2 and Ko1apache2 are run during a system shutdown.
- E. Ko1apache2 is run when runlevel 1 is entered.

Answer : AC

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