

LPI

Exam 101-400

LPI Level 1 Exam 101, Junior Level Linux Certification, Part 1 of 2

Version: 6.0

[Total Questions: 120]

Topic break down

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Topic 1, System Architecture**Question No : 1 - (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

Question No : 2 - (Topic 1)

Which of the following statements is correct when talking about /proc/?

- A. All changes to files in /proc/ are stored in /etc/proc.d/ and restored on reboot.
- B. All files within /proc/ are read-only and their contents cannot be changed.
- C. All changes to files in /proc/ are immediately recognized by the kernel.
- D. All files within /proc/ are only readable by the root user.

Answer: C

Question No : 3 CORRECT TEXT - (Topic 1)

Which command will display messages from the kernel that were output during the normal boot sequence?

Answer: dmesg, /bin/dmesg

Question No : 4 - (Topic 1)

Which of the following are init systems used within Linux systems? (Choose THREE)

correct answers.)

- A. startd
- B. systemd
- C. Upstart
- D. SysInit
- E. SysV init

Answer: B,C,E

Question No : 5 - (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: A,C

Question No : 6 - (Topic 1)

Which run levels should never be declared as the default run level when using SysV init? (Choose TWO correct answers.)

- A. 0
- B. 1
- C. 3
- D. 5
- E. 6

Answer: A,E

Question No : 7 - (Topic 1)

What information can the `lspci` command display about the system hardware? (Choose THREE correct answers.)

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

Answer: A,B,D

Question No : 8 - (Topic 1)

Which of the following commands brings a system running SysV init into a state in which it is safe to perform maintenance tasks? (Choose TWO correct answers.)

- A. `shutdown -R 1 now`
- B. `shutdown -single now`
- C. `init 1`
- D. `telinit 1`
- E. `runlevel 1`

Answer: C,D

Question No : 9 - (Topic 1)

What is the first program that is usually started, at boot time, by the Linux kernel when using SysV init?

- A. `/lib/init.so`
- B. `/sbin/init`
- C. `/etc/rc.d/rcinit`
- D. `/proc/sys/kernel/init`
- E. `/boot/init`

Answer: B

Question No : 10 - (Topic 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 : 11 - (Topic 1)

Which of the following options for the kernel's command line changes the systemd boot target to rescue.target instead of the default target?

- A. systemd.target=rescue.target
- B. systemd.runlevel=rescue.target
- C. systemd.service=rescue.target
- D. systemd.default=rescue.target
- E. systemd.unit=rescue.target

Answer: E

Question No : 12 - (Topic 1)

Which of the following kernel parameters instructs the kernel to suppress most boot messages?

- A. silent
- B. verbose=0
- C. nomsg
- D. quiet

Answer: D

Question No : 13 - (Topic 1)

Which of the following information is stored within the BIOS? (Choose TWO correct answers.)

- A. Boot device order
- B. Linux kernel version
- C. Timezone
- D. Hardware configuration
- E. The system's hostname

Answer: A,D

Question No : 14 CORRECT TEXT - (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.)

Answer: cmdline, /proc/cmdline

Question No : 15 - (Topic 1)

During a system boot cycle, what program is executed after the BIOS completes its tasks?

- A. The bootloader
- B. The inetd program
- C. The init program
- D. The kernel

Answer: A

Question No : 16 - (Topic 1)

What of the following statements are true regarding /dev/ when using udev? (Choose TWO correct answers.)

- A. Entries for all possible devices get created on boot even if those devices are not connected.

- B. Additional rules for udev can be created by adding them to `/etc/udev/rules.d/`.
- C. When using udev, it is not possible to create block or character devices in `/dev/` using `mknod`.
- D. The `/dev/` directory is a filesystem of type `tmpfs` and is mounted by udev during system startup.
- E. The content of `/dev/` is stored in `/etc/udev/dev` and is restored during system startup.

Answer: B,D

Topic 2, Linux Installation and Package Management

Question No : 17 - (Topic 2)

Which of the following commands lists the dependencies of a given `dpkg` package?

- A. `apt-cache depends-on package`
- B. `apt-cache dependencies package`
- C. `apt-cache depends package`
- D. `apt-cache requires package`

Answer: C

Question No : 18 - (Topic 2)

Which function key is used to start Safe Mode in Windows NT?

- A. F10
- B. F8
- C. F6
- D. Windows NT does not support Safe Mode

Answer: D

Question No : 19 - (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