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

Topic	No. of Questions
Topic 1: System Architecture	16
Topic 2: Linux Installation and Package Management	22
Topic 3: GNU and Unix Commands	52
Topic 4: Devices, Linux Filesystems, Filesystem Hierachy Standard	30

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

3

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. nomesg
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