Vendor: LPI

Exam Code: 117-101

Exam Name: General Linux, Part 1

Version: Demo

QUESTION 1

You suspect that a new ethernet card might be conflicting with another device. Which file should you check within the /proc tree to learn which IRQs are being used by which kernel drives?

Correct Answer:
interrupts
/proc/interrupts

QUESTION 2

How many SCSI ids for peripherals can SCSI-1 support?

A. 5
B. 6
C. 7
D. 8

Correct Answer: C

QUESTION 3

You need to install a fax server. Which type of fax/modem should you install to insure Linux compatibility?

A. External Serial Fax/modem
B. External USB Fax/modem
C. Internal ISA Fax/modem
D. Internal PCI Fax/modem

Correct Answer: A

QUESTION 4

You are running Linux 2.0.36 and you need to add a USB mouse to your system. Which of the following statements is true?

A. You need to rebuild the kernel.
B. You need to upgrade the kernel.
C. You need to load the USB modules for your existing modular kernel.
D. USB support is no available in Linux.

Correct Answer: B

QUESTION 5

You have just upgraded your PC to a 60 gigabyte IDE drive. While partitioning the drive, you notice that only 32 gigabytes are available. Which of the following will most likely allow you to use the entire drive?

A.   Create two smaller partitions of 30 gigabytes each.
B.   Set the PC BIOS to use LBA mode.
C.   Create a partition that resides entirely below the first 1024 cylinders.
D.   Use GRUB or the latest version of LILO as a bootloader.
E.   Upgrade the PC BIOS to the latest version available.

Correct Answer: E

QUESTION 6

The lspci command can display information about devices except the following:

A.   Card bus speed (e.g. 66Mhz)
B.   Card IRQ settings
C.   Card vendor identification
D.   Card AGP rate (e.g. 1x, 2x, 4x)
E.   Card Ethernet MAC address

Correct Answer: E

QUESTION 7

If Linux detects an ACPI BIOS on bootup, what does it automatically deactivate?

A.   PnP
B.   PCI
C.   ATA
D.   APM

Correct Answer: D

QUESTION 8

What command would help you identify the I/O address range being used by the network card?

A.   cat/proc/modules
B.   cat/proc/devices
C.   cat/proc/meminfo
D.   cat/io/dma

E. cat/proc/ioports

Correct Answer: E

QUESTION 9
What program is needed to establish a PPP link to another computer?

A. pppd
B. wvdial
C. papd
D. kppp

Correct Answer: A

QUESTION 10
The_____command allows you to view or change serial port configuration.

Correct Answer:
setserial
/bin/setserial

QUESTION 11
You need to know where all the configuration files for the installed package named "postfix" are located. Assuming it was installed with rpm, which command will list this information for you?

A. rpm -qc postfix
B. rpm -Vc postfix
C. rpm --config postfix
D. rpm -listconfig postfix
E. rpm -qa --config postfix

Correct Answer: A

QUESTION 12
What tool can you use to print shared library dependencies?

A. ldconfig
B. ldd
C. libdep
D. libpath

E.   ldev

Correct Answer: B

QUESTION 13
While installing from source code you don't see the configuration script. What command can you run to compile the code?

A.   make configure
B.   install
C.   install makefile
D.   make

Correct Answer: D

QUESTION 14
You have an updated RPM called screensaver-1.1.i386. rpm. You have version 1.0 installed. Using RPM, how do you view the changelog of this file to see if you should install the update?

A.   rpm -qp --changelog screensaver-1.1.i386. rpm
B.   rpm --changelog screensaver-1.1.i386. rpm
C.   rpm -qc screensaver-1.1.i386. rpm
D.   rpm -showchangelog screensaver-1.1.i386. rpm

Correct Answer: A

QUESTION 15
You are about to install a new program on an RPM based Linux system. Which of the following would be the best way to accomplish this?

A.   Get the source code in a tarball and install from that source.
B.   Get a source RPM and use rpm to install it.
C.   Use rpm to install the program's binaries from an RPM package.
D.   Use cpi to extract the binaries from a source RPM and use rpm to install those sources.

Correct Answer: C

QUESTION 16

You are installing Linux on a workstation for a new employee. Which partition should be largest?

A. /
B. /boot
C. /lib
D. /usr

Correct Answer: D

QUESTION 17

How can you update a package only if an earlier version is currently installed on the system?

A. rmp -- update rpmname
B. rpm -U rpmname
C. rpm -F rpmname
D. rpm -- force rpmname E. rpm -u rpmname

Correct Answer: C

QUESTION 18

You are preparing a new set of shared libraries in /usr/local/applib and you have written and compiled some code that uses these libraries. You have already performed and ldconfig, however the system still cannot find the shared libraries. What is most likely the cause of this?

A. You used the wrong compiler.
B. You did not update your PATH variable.
C. You compiled the code with wrong library.
D. You forgot to put the library path in ld.so.conf

Correct Answer: D

QUESTION 19

Where can lilo place boot code?

A. The boot ROM
B. The boot RAM
C. The /boot partition
D. The MBR on a hard drive

Correct Answer: D

QUESTION 20

Where does lilo store its boot information?

A.   Boot ROM
B.   Boot RAM.
C.   Master Boot Record
D.   /boot partition

Correct Answer: C

QUESTION 21

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

Correct Answer: C

QUESTION 22

Which command will allow you to find a specific installed package?

A.   rpm -- list rpmname
B.   rpm -qvl rpmname
C.   rpm rpmname
D.   rpm -qv rpmname
E.   rpm -f rpmname

Correct Answer: D

QUESTION 23

Which of the following is very important when installing from source code (Check TWO that apply)?

A.   Read all documentation included with the source code.
B.   Reboot after installing all programs.
C.   Manually check to see if all dependencies are met.
D.   Use rpm or dpkg go verify the installation.

E. Do not install binaries as the root user.

Correct Answer: AC

QUESTION 24
The _____ partition is used for virtual memory.

Correct Answer: swap

QUESTION 25
You are building a server that will undergo many hardware and operating system upgrades. The server is the file server for all users on your 100 user network. Which directory should have its own mountpoint and/or hard drive?

A. /boot
B. /sbin
C. /home
D. /etc

Correct Answer: C

QUESTION 26
What file is read by the program ldconfig?

A. /lib/ld.so
B. /etc/ld.so.conf
C. /etc/ld.so.cache
D. /etc/modules.conf

Correct Answer: B

QUESTION 27
After a minor security incident you are instructed by your lead sys-admin to verify the RPM's installed on a running system. Which command will create a complete report which you can analyze for changes which may be security related?
A. rpm -Va >report
B. rpm -Qavy >report
C. rpm -Vqt --nomd5 >report
D. rpm --checkfiles >report
E. rpm -Va --nofiles >report

Correct Answer: A

QUESTION 28

You installed a beta rpm package, but are experiencing some problems with it. How can you remove this package?

A. rpm -qe rpmname
B. rpm -V --remove rpmname
C. rpm -r rpmname
D. rpm -d rpmname
E. rpm -ev rpmname

Correct Answer: E

QUESTION 29

You see following output while trying to install an updated package: [root@example pub]# rpm –I gthumb-2.2.0.i386.rpm package gthumb- 1.0.1.i386.rpm is already installed. Which command will allow you to install the updated version?

A. rpm -i gthumb-2.2.0.i386.rpm
B. rpm -ivh gthumb-2.2.0.i386.rpm
C. rpm -U gthumb-2.2.0.i3S6.rpm
D. rpm -qu gthumb-2.2.0.i386.rpm
E. rpm -qiv gthumb-2.2.0.i386.rpm

Correct Answer: C

QUESTION 30

Which of the following would do the same as the command cat < file1.txt > file2.txt?

A. cat < file1.txt file2.txt
B. cat file1.txt >file2.txt
C. cat <file1.txt | file2.txt
D. cat file1.txt | file2.txt
E. cp file1.txt>file2.txt

Correct Answer: B

QUESTION 31

What command is used to display a file in octal format?

Correct Answer:

hexdump

/usr/bin/hexdump

QUESTION 32

You wish to execute two commands, one after the other. However, you only want the second command to execute if the first is successful. Which character(s) do you put between the commands on the command line to accomplish this?

Correct Answer: &&

QUESTION 33

In the vi editor, which of the following commands will delete the current line at the cursor and the 16 lines following it (17 lines total)?

A. 17d
B. 17dd
C. 17x
D. d17d
E. 16d

Correct Answer: B

QUESTION 34

You wish to send the output of a command to standard output (stdout) and save it to a file. The command to use is _____. (Do not specify arguments)

Correct Answer: tee

QUESTION 35

What key sequence will suspend the current process and return you to a shell prompt?

A. Ctrl-z
B. Ctrl-c
C. Ctrl-x
D. Ctrl-d

Correct Answer: A

QUESTION 36
Which TWO commands will find the path for the binary vim?

A. man vim
B. whereis vim
C. apropos vim
D. which vim

Correct Answer: BD

QUESTION 37
What command returns the first few lines of a given file?

Correct Answer: head

QUESTION 38
What command changes the priority of the process running with process id of 12345 to the highest priority?

A. /usr/bin/renice +20 1234
B. /usr/bin/renice -20 12345
C. /bin/setpriority +20 12345
D. /bin/setpriority -20 12345

Correct Answer: B

QUESTION 39
You want to save vi changes to the file myfile with :w!, but vi complains it can not write to the file. Therefore, you want to check the write permissions on the file. To do this without leaving vi, you type:

A. :!ls -l myfile
B. :\ls -l myfile
C. esc :ls -l myfile
D. :?ls -l myfile

Correct Answer: A

QUESTION 40
Which of the following GNU commands would be the most likely command you'd use to find the
system load average?

A. top
B. nice
C. loadavg
D. cpustat
E. ps

Correct Answer: A

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300-208	640-864	CLO-001	SK0-003	1Z0-474	VCP5-DCV	RedHat
350-018	642-467	ISS-001	SY0-301	1Z0-482	VCP510PSE	EX200
352-001	642-813	JK0-010	SY0-401	1Z0-485		EX300
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