

Evaluacion 2_U3

Nombre: Juan Jimenez

Fecha: 27/08/2024

LPI-101

20450_15310 Evaluación 2_Sc...

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linux-praxis.de/fgsm/lpi101cm/test.php

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Question 2/34

The isapnp command uses a configuration file named isapnp.conf. How do you create this file?

Choose the best answer.

Mark question for review ☐

- ☐ Using the ./configure command in /etc/isapnp
- ☐ Using the --create-configfile parameter of isapnp
- ☐ Manually with an editor
- ☒ Using the pnpdump command
- ☐ Copy the informations in /proc/pnp to the file

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Question 3/34

Which flag would you use with setserial to enable 115 KBit for a serial port?

Choose the best answer.

Mark question for review ☐

- ☐ spd_hi
- ☒ spd_vhi
- ☐ spd_shi
- ☐ spd_warp
- ☐ spd_115

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Question 4/34

Which is the partition ID of a Linux Swap Partition

Type the answer. Mark question for review

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Question 5/34

When do you need to rerun the grub-install command?

Choose every correct answer. Mark question for review

- ☐ After every boot
- ☐ After every modification of the grub configuration file
- ☐ After installing a new kernel with a new name in /boot
- ☐ After overwriting the old kernel in /boot with a new one
- ☒ Only the first time after installing GRUB

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Question 6/34

Which statements concerning the program gunzip are true?

Choose every correct answer.

Mark question for review ☐

- ☒ After decompressing a file with gunzip, the compressed file is removed
- ☐ gunzip is a replacement for tar
- ☐ gunzip is a replacement for cpio
- ☒ gunzip is just a link to gzip
- ☐ gunzip is used to extract files from a zip archive

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Question 7/34

Which program is used to determine which shared libraries are used by a particular other program?

Choose the best answer.

Mark question for review ☐

- ☐ ldconfig
- ☐ libinfo
- ☐ info
- ☒ ldd
- ☐ ld.so

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Question 8/34

You want to install the debian package file foobar.deb. This file is located in /home/bob. Which command would you use to install this file?

Choose the best answer.

Mark question for review

☐ install /home/bob/foobar.deb

☐ apt-get install /home/bob/foobar.deb

☐ debinst -f /home/bob/foobar.deb

☒ dpkg -i /home/bob/foobar.deb

☐ dselect /home/bob/foobar.deb

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Question 9/34

Which command would you use to get a list of all files inside the rpm-package foobar.rpm in /home/bob?

Choose the best answer.

Mark question for review

☐ rpm -ql /home/bob/foobar.rpm

☒ rpm -ql -p /home/bob/foobar.rpm

☐ rpm -l /home/bob/foobar.rpm

☐ rpm -l -p /home/bob/foobar.rpm

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Question 10/34

You want to use apt-get to install new debian packets from <http://tp.us.debian.org>. Where would you enter the new source?

Choose the best answer.

Mark question for review

☐ /var/lib/apt/sources

☐ /var/lib/apt-get/sources

☒ /etc/apt/sources.list

☐ /etc/apt/sources

☐ /etc/apt/apt.conf

Next

Question 11/34

Which of the following commands copies the contents off all files in the current directory into the file "allfiles"?

Choose every correct answer.

Mark question for review

☐ cp * allfiles

☒ cat * > allfiles

☐ cp * > allfiles

☐ cat * >> allfiles

☐ cat * allfiles

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Question 12/34

How could you describe the following commandline?
foo; bar; foobar

Choose the best answer.

Mark question for review

- ☐ The commands foo, bar and foobar are processed at the same time.
- ☒ The commands foo, bar and foobar are processed one after another.
- ☐ The command foo is processed. If it results without error, then bar and foobar are processed.
- ☐ The command foo is processed. If it results without error, then bar will be processed. If bar results without error, foobar will be processed.
- ☐ This isn't a valid commandline

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Question 13/34

What would the following command result in?
echo \$(date +%H:%M) > file

Choose the best answer.

Mark question for review

- ☐ The string "date +%H:%M" will be written into the file
- ☒ The content of the variable named "date +%H:%M" will be written into the file
- ☐ The content of the variable named after the current time (Hours:Minutes) will be written into the file
- ☐ The current time (Hours:Minutes) will be written into the file
- ☐ This isn't a valid command

Next

Question 14/34

Which of the following commands could be used to search for a particular term inside a textfile without opening the file?

Choose every correct answer. Mark question for review

☒ grep

☐ vi

☐ ex

☐ less

☐ sed

Next

Question 15/34

What command is used to connect lines of different textfiles to one line, without concerning common fields (just the command - no options)?

Type the answer. Mark question for review

paste

Next

Question 16/34

How could you create a directory /foo/bar if /foo does not exist?

Choose the best answer. Mark question for review

- ☐ md /foo/bar
- ☐ mkdir /foo/bar
- ☒ mkdir -p /foo/bar
- ☐ createdir /foo/bar
- ☐ newdir /foo/bar

Next

Question 17/34

What is the effect of the following command?
foo &

Choose the best answer. Mark question for review

- ☐ The command foo is started in the foreground
- ☒ The command foo is started in the background
- ☐ The command foo connects its STDOUT and STDERR
- ☐ The command foo writes its errorcode into the variable ERR
- ☐ The command foo will be started again and again, until it returns a value of 0

Next

Question 18/34

Many server-processes allow the root-user to force them to read their configfiles while running. How is this done?

Choose the best answer.

Mark question for review

- ☐ Use the reconf command
- ☐ Send them the SIGPIPE signal
- ☐ Send them the SIGCONF signal
- ☒ Send them the SIGHUP signal
- ☐ Use the ps command

Next

Question 19/34

Which statements are true?

Choose every correct answer.

Mark question for review

- ☐ A nice value reaches from 0 to 20
- ☐ Only root can use negative nice values
- ☐ A less nice value means higher priority
- ☒ Nice-values can be changed with the ps-command
- ☐ An even nice-value means high, an odd value low priority

Next

Question 20/34

What means the following construct inside a regular expression?
[[^]A-Z][A-Z]

Choose the best answer. Mark question for review

- ☐ The starting of a line, followed by an uppercase letter, followed by a non uppercase letter.
- ☐ Either the starting of a line or an uppercase letter followed by a non uppercase letter.
- ☐ A non uppercase letter followed by either an [^] or an uppercase letter
- ☐ A non uppercase letter at the beginning of a word followed by a non uppercase letter.
- ☒ An uppercase letter at the beginning of a word followed by a non uppercase letter.

Next

Question 21/34

What command would you use to copy all files inside the current directory
which names end with a number to /tmp

Choose the best answer. Mark question for review

- ☐ cp [^][num:] /tmp
- ☒ cp [^][0-9] /tmp
- ☐ cp [^][0-9] /tmp
- ☐ cp [^][*0-9] /tmp
- ☐ cp [^][0-9] /tmp

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Question 22/34

/dev/___ ist the first logical partition of the slave on the second IDE-channel.

Type the answer. Mark question for review

hdcs

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Question 23/34

How could you check the integrity of a non mounted filesystem /dev/hdb7 even if it has a valid cleanflag?

Choose the best answer. Mark question for review

- ☐ chkdsk /dev/hdb7
- ☒ fsck /dev/hdb7
- ☐ hdcheck -force /dev/hdb7
- ☐ fsck -f /dev/hdb7
- ☐ fschk -f /dev/hdb7

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Question 24/34

What command is used to unmount mounted filesystems? (Just the command - no options)

Type the answer.

Mark question for review ☐

umount

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Question 25/34

The user foo has reported problems creating files in his home directory. He has got a user quota of 40 megabyte but a quick check of his directory shows only 20 megabyte in use. What may be the reason?

Choose the best answer.

Mark question for review ☐

- ☒ He has hidden 60 megabytes inside a hush directory.
- ☐ The quota file is corrupt
- ☐ Quotas are counted in 512-blocks. So he has really only 20 megabyte quota
- ☐ He has probably many small files and his file limit is exceeded
- ☐ He has too many symbolic links to big files

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Question 26/34

What command is used to change the permission mode of a file?
(just the command - no options)

Type the answer.

Mark question for review ☐

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Question 27/34

What would be the default file permission modes for new files
if you set umask to 027?

Choose the best answer.

Mark question for review ☐

- ☐ 755
- ☒ 640
- ☐ 720
- ☐ 027
- ☐ 750

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Question 28/34

How could you change the group membership of the file foobar to group foo?

Choose the best answer.

Mark question for review ☐

- ☐ chown foo foobar
- ☒ chgrp foo foobar
- ☐ chgroup foo foobar
- ☐ chgrp foobar foo
- ☐ chperm -group foo -file foobar

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Question 29/34

You create a hard link bar which points to the file foo. If you remove the file foo, what happens?

Choose the best answer.

Mark question for review ☐

- ☐ The link is automatically removed, too
- ☐ The link exists but any access would lead to an error
- ☒ The link exists and it is possible to have access to it's content
- ☐ The link is automatically changed into a regular file with the content of foo.
- ☐ The link but not the file was removed.

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Question 30/34

User Mike has created a file with important content last week. But now he doesn't remember the filename or location of this file. The only thing he remembers is, that the filename contains the word "Urgent". How could you help him?

Choose the best answer. Mark question for review

☐ which *Urgent*

☐ which "**Urgent**"

☒ find / -name Urgent

☐ locate Urgent

☐ whereis "**Urgent**"

Next

Question 31/34

What program is used to tune the screen settings after installing X11?

Choose the best answer. Mark question for review

☐ tuneX

☒ xvidtune

☐ video

☐ vconfig

☐ vtune

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Question 32/34

Most linux systems offer a display manager runlevel. What statement about this runlevel is true?

- Choose the best answer. Mark question for review
- ☐ X11 can be started using startx in this runlevel

☐ X11 can be started using xinit in this runlevel

☐ X11 is started automaticly for user root

☒ X11 is started automaticly an offers a login window

☐ This runlevel has nothing to do with X11

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Question 33/34

You want to run a x-application on the computer foo but it should display on the screen of computer bar. What parameter for the application is needed to realize this?

- Choose the best answer. Mark question for review
- ☐ -display=bar

☐ -display:bar:0

☐ -display bar

☒ -display bar:0

☐ -display=bar:0

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Question 34/34

You are working with vi, writing a textfile. Being in command mode, you want to move the cursor 7 characters right. Enter the necessary command

Type the answer.

7l

Mark question for review

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Results for Juan Jiménez

22 of 34 answers were right.

Scaled Score: 64.71

Required Score: 70

Status:

FAILED

OK

LPI-102:

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Question 1/33

What command do you use to load a module into the kernel?

Choose the best answer.

Mark question for review ☐

- ☐ loadmod
- ☐ modload
- ☐ modprep
- ☐ modins
- ☒ modprobe

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Question 2/33

Every kernel module should exactly fit the kernel for which it is compiled.
What command can you use to change the current working directory to the directory where the modules for the running kernel are stored?

Choose the best answer.

Mark question for review ☐

- ☐ cd /lib/modules/\$(getkernelid)
- ☒ cd /lib/modules/\$(uname -r)
- ☐ cd /lib/modules/\$(uname -a)
- ☐ cd \$(uname -kernelid)
- ☐ cd \$(uname -moduledir)

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Question 3/33

You have just loaded a new version of the kernel source and installed it into `/usr/src/kernelnew`. In `/usr/src/kernelold` are the sources of your old kernel. Before configuring the new kernel you want to get as much configuration information as possible from the old kernel to the new one. What file will you copy from `kernelold` to `kernelnew` to achieve this?

Choose the best answer. Mark question for review

- ☐ Makefile
- ☐ kernel.dat
- ☐ kernel.conf
- ☒ .config
- ☐ .kernelconf

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Question 4/33

You get an error message, concerning the USB, every time you boot your system. Your system works perfectly except USB. Now you want to get information from a Linux guru named `bob@foo.bar.org`. He asks you to send him the boot messages via email. How could you send him the necessary boot information of your system?

Choose the best answer. Mark question for review

- ☐ `mail bob@foo.bar.org < /var/log/messages`
- ☒ `dmesg | mail bob@foo.bar.org`
- ☐ `grep kernel /var/log/messages | mail bob@foo.bar.org`
- ☐ `mail bob@foo.bar.org < /var/log/dmesg`
- ☐ `mail bob@foo.bar.org < /boot/message`

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Question 5/33

What is the main configuration file for the init program?

Choose the best answer.

Mark question for review ☐

- ☐ /etc/init.conf
- ☐ /etc/system.conf
- ☒ /etc/inittab
- ☐ /etc/init/configure
- ☐ /etc/runlevel.conf

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Question 6/33

Which command is used to controll printers ? (Enter just the command, no path and options)

Type the answer.

Mark question for review ☐

lpadmin

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Question 7/33

You are printing with lpr. Which parameter do you use to select a particular printer?

Choose the best answer.

Mark question for review ☐

- ☐ -p
- ☒ -P
- ☐ --printer
- ☐ -q
- ☐ -Q

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Question 8/33

How can you get informations about all manpages which content the word foo in their short description?

Choose the best answer.

Mark question for review ☐

- ☒ apropos foo
- ☐ whatis foo
- ☐ man foo
- ☐ list foo
- ☐ which foo

Next

Question 9/33

Which file contains the welcome message being displayed by getty before the login?

Choose the best answer. Mark question for review

- ☒ /etc/issue
- ☐ /etc/welcome
- ☐ /var/lib/getty/welcome
- ☐ /etc/motd
- ☐ /etc/mesg

Next

Question 10/33

You've defined an environment variable FOO with the content "bar" and now you start a new shell typing "bash". Which of the following statements is true?

Choose the best answer. Mark question for review

- ☐ if you type "echo \$FOO" you see the word "bar" as a result.
- ☐ if you type "echo \$FOO" you see an error message on the screen.
- ☒ if you type "echo \$FOO" you see an empty line as result.
- ☐ if you type "echo . \$FOO" you see the word "bar" as a result.
- ☐ if you type "echo .. \$FOO" you see the word "bar" as a result.

Next

Question 11/33

You define an alias in your shell: `alias cp="cp -i"` but now you want to use the original `cp` command. How can you remove the alias?

Choose the best answer. Mark question for review

☐ alias cp=

☐ alias cp=builtin cp

☒ unalias cp

☐ rmalias cp

☐ delalias cp

Next

Question 12/33

Writing a shellscript you want to check if the file `foobar` exists and is writable by the user who runs the script. Which of the following test commands will check this?

Choose the best answer. Mark question for review

☐ test -e foobar

☐ test -r foobar

☐ test -b foobar

☒ test -w foobar

☐ test -f foobar

Next

Question 13/33

In which file can you find an entry like the following? Give full path and filename.
foo: Ax7kGF92kGdR2: 9473:0:10000:::

Type the answer. Mark question for review

/etc/shadow

Next

Question 14/33

The group foo has a password. Who needs to know this password?

Choose every correct answer. Mark question for review

- ☐ Any user who is member of the group foo
- ☐ Any user who is member of the group foo but foo isn't his primary group
- ☒ Any user who is member of the group foo and wants to change his primary group to foo
- ☐ Any user who is not member of the group foo but wants permission to a file belonging to this group
- ☐ Any user who wants permission to a file belonging to this group

Next

Question 15/33

You notice that every password entry in /etc/passwd is just a x. What does this mean?

Choose the best answer. Mark question for review

☐ all passwords are encrypted

☐ all passwords have expired

☒ the system uses the shadow password suite

☐ all passwords are empty

Next

Question 16/33

You want all messages from the kernel with a priority of "warn" or higher to be displayed on your 10th virtual terminal. What line in /etc/syslog.conf guarantees this?

Choose the best answer. Mark question for review

☐ kernel.warn /dev/tty10

☐ kernel.=warn /dev/tty10

☒ kern.warn /dev/tty10

☐ kern.=warn /dev/tty10

☐ kern.warn /dev/tty9

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Question 17/33

What program can be used to guarantee that logfiles do not grow indefinitely?

Choose the best answer.

Mark question for review ☐

- ☒ logrotate
- ☐ logcheck
- ☐ logger
- ☐ syslogd
- ☐ loglimit

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Question 18/33

What command can be used to run the script `myscript` at 14:23?

Choose the best answer.

Mark question for review ☐

- ☐ at 14:23 < myscript
- ☒ at 14:23 myscript
- ☐ cron 14:23 < myscript
- ☐ cron 14:23 myscript
- ☐ atrun 14:23 myscript

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Question 19/33

What command can be used by any user to schedule cronjobs?
(just the command, no path and options)

Type the answer.

Mark question for review ☐

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Question 20/33

What program can backup files which are selected by a find command which pipes the names to the backup command?

Choose the best answer.

Mark question for review ☐

- ☐ dd
- ☐ backup
- ☐ dump
- ☒ cpio
- ☐ tar

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Question 21/33

What is a NTP server?

Choose the best answer.

Mark question for review ☐

- ☐ Network Transfer Protocol - a fileserver
- ☒ Network Time Protocol - a server which offers exact time settings
- ☐ NT-Protocol - a Win-NT server
- ☐ Net Talk Protocol - a chat server

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Question 22/33

Which service works usually on port 23?

Choose the best answer.

Mark question for review ☐

- ☐ ftp
- ☐ ssh
- ☒ telnet
- ☐ smtp
- ☐ dns

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Question 23/33

Which segmentation is correct for Class C addresses ?

Choose the best answer. Mark question for review

- ☐ 1 byte network address, 3 byte host address
- ☐ 2 byte network address, 2 byte host address
- ☒ 3 byte network address, 1 byte host address

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Question 24/33

The CIDR mask /25 is in dotted quad notation 255.255.255.____

Type the answer. Mark question for review

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Question 25/33

You get the IP-address 191.123.234.168/29 from your ISP. What is your network address in dotted quad?

Type the answer.

Mark question for review ☐

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Question 26/33

What command is used to set the default route?

Choose the best answer.

Mark question for review ☐

- ☒ route
- ☐ setroute
- ☐ gw
- ☐ gateway
- ☐ setgw

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Question 27/33

What is CHAP ?

Choose the best answer.

Mark question for review ☐

- ☐ a chat program for automatic login procedure with a ppp server
- ☒ a method to authenticate a ppp client
- ☐ a method to forward a particular protocol from your local site to a remote port
- ☐ the Change Application Protocol
- ☐ the Cheap Application Protocoll

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Question 28/33

You have changed an entry in `/etc/inetd.conf`. What action is necessary to be sure, that this change is reflected by `inetd`?

Choose the best answer.

Mark question for review ☐

- ☐ Nothing, `inetd` loads this file every time a service is called
- ☐ You have to reboot your computer
- ☒ Send a `SIGHUP` signal to `inetd`
- ☐ Send a `SIGINT` signal to `inetd`
- ☐ call `inetd.reload`

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Question 29/33

What is the valid entry in /etc/sendmail.cf to declare mail.example.com as our smarthost?

Choose the best answer.

Mark question for review

☐ Smail.example.com

☐ Dmail.example.com

☒ Dsmail.example.com

☐ Dfmail.example.com

☐ Hsmail.example.com

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Question 30/33

In what file do you declare, what host may use what directory of our local linux box using nfs? (enter complete path)

Type the answer.

Mark question for review

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Question 31/33

What is the main configuration file of a BIND4 nameserver?
(just the name without path)

Type the answer.

Mark question for review ☐

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Question 32/33

What are the default tables of iptables?

Choose the best answer.

Mark question for review ☐

- ☐ input output and forward
- ☐ accept, deny and reject
- ☒ filter, nat and mangle
- ☐ postrouting and prerouting

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Question 33/33

What happens to logged in users if you switch to single user mode?

Choose the best answer.

Mark question for review

☒ they are automatically logged out

☐ they receive a message on their screens that they should log out

☐ nothing, single user mode only prevents that new users log in

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Results for Juan Jiménez

28 of 33 answers were right.

Scaled Score: 84.85

Required Score: 70

Status:PASS

OK