

101-500 Dumps

LPIC-1 Exam 101 - Part 1 of 2 - version 5.0

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NEW QUESTION 1

- (Exam 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

NEW QUESTION 2

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 3

- (Exam 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

NEW QUESTION 4

- (Exam 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: AD

NEW QUESTION 5

- (Exam 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

NEW QUESTION 6

- (Exam Topic 1)

The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. What is the usual way to pass this change to the kernel from your boot loader?

- A. Start in runlevel 1.
- B. Pass init=/bin/sh on the kernel parameter line.
- C. Pass /bin/sh on the kernel parameter line.
- D. Pass start=/bin/sh on the kernel parameter line.

Answer: B

NEW QUESTION 7

- (Exam Topic 1)

The USB device filesystem can be found under /proc/_____/usb/. (Please fill in the blank with the single word only)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

bus

NEW QUESTION 8

- (Exam 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: AC

NEW QUESTION 9

- (Exam Topic 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 drivers?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

interrupts, /proc/interrupts

NEW QUESTION 10

- (Exam Topic 1)

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

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

Answer: AE

NEW QUESTION 10

- (Exam Topic 2)

In which directory must definition files be placed to add additional repositories to yum?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/yum.repos.d, /etc/yum.repos.d/, yum.repos.d, yum.repos.d/

NEW QUESTION 12

- (Exam Topic 2)

The dpkg-_____ command will ask configuration questions for a specified package, just as if the package were being installed for the first time.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

reconfigure

NEW QUESTION 17

- (Exam Topic 2)

Which option to the yum command will update the entire system? (Specify ONLY the option name without any additional parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

update, upgrade

NEW QUESTION 20

- (Exam Topic 2)

After modifying GNU GRUB's configuration file, which command must be run for the changes to take effect?

- A. kill -HUP \$(pidof grub)
- B. grub-install
- C. grub
- D. No action is required

Answer: D

NEW QUESTION 21

- (Exam Topic 2)

Which file should be edited to select the network locations from which Debian installation package files are loaded?

- A. /etc/dpkg/dpkg.cfg
- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

Answer: D

NEW QUESTION 26

- (Exam Topic 2)

To prevent users from being able to fill up the / partition, the _____ directory should be on a separate partition if possible because it is world writeable.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/tmp, tmp

NEW QUESTION 28

- (Exam Topic 2)

What is the difference between the --remove and the --purge action with the dpkg command?

- A. --remove removes the program, --purge also removes the config files
- B. --remove only removes the program, --purge only removes the config files
- C. --remove removes a package, --purge also removes all packages dependent on it
- D. --remove removes only the package file itself, --purge removes all files related to the package

Answer: A

NEW QUESTION 32

- (Exam Topic 2)

An administrator has issued the following command: grub-install --root-directory=/custom-grub /dev/sda

In which directory will new configuration files be found? (Provide the full directory path only without the filename)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/custom-grub/boot/grub/, /custom-grub/boot/grub

NEW QUESTION 33

- (Exam Topic 2)

Which of the following apt-get commands will install the newest versions of all currently installed packages without removing any packages or installing new packages that are not already installed?

- A. auto-update
- B. upgrade
- C. dist-upgrade
- D. install
- E. update

Answer: B

NEW QUESTION 34

- (Exam 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 answers.)

- A. Timestamps
- B. MD5 checksums
- C. Inodes
- D. File sizes
- E. GnuPG signatures

Answer: ABD

NEW QUESTION 37

- (Exam Topic 2)

Which world-writable directory should be placed on a separate partition in order to prevent users from being able to fill up the / filesystem? (Specify the full path to the directory.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/tmp, tmp, /var/tmp, /tmp/, /var/tmp/

NEW QUESTION 41

- (Exam Topic 2)

Typically, which top level system directory is used for files and data that change regularly while the system is running and are to be kept between reboots? (Specify only the top level directory)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/var, /var/, var, var/

NEW QUESTION 42

- (Exam Topic 2)

You want to preview where the package file, `apache.xml.i386.rpm`, will install its files before installing it. What command do you issue?

- A. `rpm -qp apache.xml.i386.rpm`
- B. `rpm -qv apache.xml.i386.rpm`
- C. `rpm -ql apache.xml.i386.rpm`
- D. `rpm -qpl apache.xml.i386.rpm`

Answer: D

NEW QUESTION 46

- (Exam Topic 2)

What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

- A. To create RAID 9 arrays.
- B. To dynamically change the size of logical volumes.
- C. To encrypt logical volumes.
- D. To create snapshots.
- E. To dynamically create or delete logical volumes.

Answer: BDE

NEW QUESTION 48

- (Exam Topic 2)

Which of the following commands can be used to download the RPM package kernel without installing it?

- A. `yum download --no-install kernel`
- B. `yumdownloader kernel`
- C. `rpm --download --package kernel`
- D. `rpmdownload kernel`

Answer: B

NEW QUESTION 50

- (Exam Topic 3)

Which of the following commands will reduce all consecutive spaces down to a single space?

- A. `tr 's' < a.txt > b.txt`
- B. `tr -c ' ' < a.txt > b.txt`
- C. `tr -d ' ' < a.txt > b.txt`
- D. `tr -r ' '\n' < a.txt > b.txt`
- E. `tr -s ' ' < a.txt > b.txt`

Answer: E

NEW QUESTION 53

- (Exam Topic 3)

When given the following command line. `echo "foo bar" | tee bar | cat`
Which of the following output is created?

- A. cat
- B. foo bar
- C. tee bar
- D. bar
- E. foo

Answer: B

NEW QUESTION 56

- (Exam Topic 3)

Which of the following commands will send output from the program `myapp` to both standard output (stdout) and the file `file1.log`?

- A. `cat < myapp | cat > file1.log`
- B. `myapp 0>&1 | cat > file1.log`
- C. `myapp | cat > file1.log`
- D. `myapp | tee file1.log`
- E. `tee myapp file1.log`

Answer: D

NEW QUESTION 58

- (Exam Topic 3)

The `/etc/_____` file lists currently mounted devices.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

mtab

NEW QUESTION 62

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 63

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 64

- (Exam Topic 3)

Which variable defines the directories in which a Bash shell searches for executable commands?

- A. BASHEXEC
- B. BASHRC
- C. PATH

- D. EXECPATH
- E. PATHRC

Answer: C

NEW QUESTION 69

- (Exam Topic 3)

Which grep command will print only the lines that do not end with a / in the file foo?

- A. grep/'\$' foo
- B. grep '/#' foo
- C. grep -v '\$' foo
- D. grep -v '/#' foo

Answer: C

NEW QUESTION 71

- (Exam Topic 3)

What command will generate 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. cut -d: -f1,7 /etc/passwd

Answer: D

NEW QUESTION 73

- (Exam Topic 3)

What is the effect of the egrep command when the -v option is used?

- A. It enables color to highlight matching parts.
- B. It only outputs non-matching lines.
- C. It shows the command's version information.
- D. It changes the output order showing the last matching line first.

Answer: B

NEW QUESTION 77

- (Exam Topic 3)

Which of the following commands prints a list of usernames (first column) and their primary group (fourth column) from the /etc/passwd file?

- A. fmt -f 1,4 /etc/passwd
- B. split -c 1,4 /etc/passwd
- C. cut -d : -f 1,4 /etc/passwd
- D. paste -f 1,4 /etc/passwd

Answer: C

NEW QUESTION 79

- (Exam Topic 3)

What is the maximum niceness value that a regular user can assign to a process with the nice command when executing a new process?

- A. 9
- B. 19
- C. 49
- D. 99

Answer: B

NEW QUESTION 83

- (Exam Topic 3)

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 4l 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 which repeats every subsequentcommand 4 times.

Answer: B

NEW QUESTION 87

- (Exam Topic 3)

Which of the following characters can be combined with a separator string in order to read from the current input source until the separator string, which is on a separate line and without any trailing spaces, is reached?

- A. <<
- B. <|
- C. !<
- D. &<

Answer: A

NEW QUESTION 91

- (Exam Topic 3)

Which of the following sequences in the vi editor saves the opened document and exits the editor? (Choose TWO correct answers.)

- A. esc ZZ
- B. ctrl :w!
- C. esc zz
- D. esc :wq!
- E. ctrl XX

Answer: AD

NEW QUESTION 95

- (Exam Topic 3)

Which of the following commands can be used to create a USB storage media from a disk image?

- A. gdisk
- B. dd
- C. cc
- D. fdisk
- E. mount

Answer: B

NEW QUESTION 96

- (Exam Topic 3)

When running the command

```
sed -e "s/a/b/" /tmp/file >/tmp/file
```

While /tmp/file contains data, why is /tmp/file empty afterwards?

- A. The file order is incorrec
- B. The destination file must be mentioned before the command to ensure redirection.
- C. The command sed did not match anything in that file therefore the output is empty.
- D. When the shell establishes the redirection it overwrites the target file before the redirected command starts and opens itfor reading.
- E. Redirection for shell commands do not work using the > characte
- F. It only works using the | character instead.

Answer: C

NEW QUESTION 99

- (Exam Topic 3)

From a Bash shell, which of the following commands directly executes the instruction from the file /usr/local/bin/runme.sh without starting a subshell? (Please select TWO answers.)

- A. source /usr/local/bin/runme.sh
- B. ./usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

Answer: AB

NEW QUESTION 104

- (Exam Topic 3)

Which of the following explanations are valid reasons to run a command in the background of your shell?

- A. The command does not need to execute immediately.
- B. The command has to run immediately but the user needs to log out.
- C. The system is being shut down and the command needs to restart execution immediately after the reboot.
- D. The command can run at a lower priority than normal commands run on the command line.

Answer: B

NEW QUESTION 106

- (Exam Topic 3)

A user accidentally created the subdirectory \dir in his home directory. Which of the following commands will remove that directory?

- A. rmdir '~\dir'
- B. rmdir "~\dir"
- C. rmdir ~/'dir'

- D. rmdir ~\dir
- E. rmdir ~/\dir

Answer: E

NEW QUESTION 109

- (Exam Topic 3)

Immediately after deleting 3 lines of text in vi and moving the cursor to a different line, which single character command will insert the deleted content below the current line?

- A. i (lowercase)
- B. P (uppercase)
- C. p (lowercase)
- D. U (uppercase)
- E. u (lowercase)

Answer: C

NEW QUESTION 114

- (Exam Topic 3)

When starting a program with the nice command without any additional parameters, which nice level is set for the resulting process?

- A. -10
- B. 10
- C. 20

Answer: C

NEW QUESTION 119

- (Exam Topic 3)

What does the + symbol mean in the following grep regular expression: `grep '^d[aei]\+d$' /usr/share/dict/words`

- A. Match the preceding character set ([aei]) one or more times.
- B. Match the preceding character set ([aei]) zero or more times.
- C. Match the preceding character set ([aei]) zero or one times.
- D. Match a literal + symbol.

Answer: A

NEW QUESTION 123

- (Exam Topic 3)

What is the default action of the split command on an input file?

- A. It will break the file into new files of 1,024 byte pieces each.
- B. It will break the file into new files of 1,000 line pieces each.
- C. It will break the file into new files of 1,024 kilobyte pieces each.
- D. It will break the file into new files that are no more than 5% of the size of the original file.

Answer: B

NEW QUESTION 128

- (Exam Topic 3)

Which signal is missing from the following command that is commonly used to instruct a daemon to reinitialize itself, including reading configuration files?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

`killall -s _____ daemon`
HUP, SIGHUP, 1

NEW QUESTION 130

- (Exam Topic 3)

Which of the following command sets the Bash variable named TEST with the content FOO?

- A. `set TEST="FOO"`
- B. `TEST = "FOO"`
- C. `var TEST="FOO"`
- D. `TEST="FOO"`

Answer: D

NEW QUESTION 131

- (Exam Topic 3)

Which character, added to the end of a command, runs that command in the background as a child process of the current shell?

- A. !
- B. +
- C. &
- D. %
- E. #

Answer: C

NEW QUESTION 134

- (Exam Topic 4)

Following the Filesystem Hierarchy Standard (FHS), where should binaries that have been compiled by the system administrator be placed in order to be made available to all users on the system?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/usr/local/bin/

NEW QUESTION 138

- (Exam Topic 4)

Which of the following commands will produce the following output?

- A. jobs
- B. proclist
- C. netstat
- D. ps

Answer: D

NEW QUESTION 142

- (Exam Topic 4)

Which of the following commands will change all CR-LF pairs in an imported text file, userlist.txt, to Linux standard LF characters and store it as newlist.txt?

- A. `tr '\r\n' ' ' < userlist.txt > newlist.txt`
- B. `tr -c '\n\r' ' ' < newlist.txt > userlist.txt`
- C. `tr -d '\r' < userlist.txt > newlist.txt`
- D. `tr '\r' '\n' userlist.txt newlist.txt`
- E. `tr -s '^M' '^J' userlist.txt newlist.txt`

Answer: C

NEW QUESTION 147

- (Exam Topic 4)

What does the command `mount -a` do?

- A. It mounts all available filesystems onto the current directory.
- B. It shows all mounted filesystems.
- C. It mounts all user mountable filesystems for the current user.
- D. It mounts all filesystems listed in `/etc/fstab` which have the option `auto` set.
- E. It mounts all filesystems listed in `/etc/fstab` which have the option `noauto` set.

Answer: D

NEW QUESTION 148

- (Exam Topic 4)

In order to display all currently mounted filesystems, which of the following commands could be used? (Choose TWO correct answers.)

- A. cat /proc/self/mounts
- B. free
- C. mount
- D. ls mounts
- E. cat /proc/filesystems

Answer: AC

NEW QUESTION 150

- (Exam Topic 4)

Which of the following statements describes a difference between GNU GRUB Legacy and GRUB 2?

- A. GRUB 2 no longer requires a configuration file.
- B. Partition numbers start at 0 in GRUB Legacy and 1 in GRUB 2.
- C. grub-mkconfig only works with GRUB Legacy if the --version 1 option is used.
- D. The configuration files menu.lst (and grub.conf) have been replaced with grub.config.

Answer: B

NEW QUESTION 151

- (Exam Topic 4)

Which of the following commands can be used to locate programs and their corresponding man pages and configuration files?

- A. dirname
- B. which
- C. basename
- D. query
- E. whereis

Answer: E

NEW QUESTION 156

- (Exam Topic 4)

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

- A. depmod
- B. insmod
- C. modprobe
- D. module_install
- E. loadmod

Answer: C

NEW QUESTION 160

- (Exam Topic 4)

What do the permissions -rwsr-xr-x mean for a binary file when it is executed as a command?

- A. The command is SetUID and it will be executed with the effective rights of the owner.
- B. The command will be executed with the effective rights of the group instead of the owner.
- C. The execute flag is not set for the owner.
- D. Therefore the SetUID flag is ignored.
- E. The command will be executed with the effective rights of the owner and group.

Answer: C

NEW QUESTION 163

- (Exam Topic 4)

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

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

Answer: C

NEW QUESTION 166

- (Exam Topic 4)

Which utility would be used to change how often a filesystem check is performed on an ext2 filesystem without losing any data stored on that filesystem?

- A. mod2fs

- B. fsck
- C. tune2fs
- D. mke2fs
- E. fixe2fs

Answer: C

NEW QUESTION 170

- (Exam Topic 4)

Which of the following Linux filesystems preallocates a fixed number of inodes at the filesystem's make/creation time and does NOT generate them as needed? (Choose TWO correct answers.)

- A. ext3
- B. JFS
- C. ext2
- D. XFS
- E. procs

Answer: AC

NEW QUESTION 171

- (Exam Topic 4)

Which type of filesystem is created by mkfs when it is executed with the block device name only and without any additional parameters?

- A. ext2
- B. ext3
- C. ext4
- D. XFS
- E. VFAT

Answer: A

NEW QUESTION 173

- (Exam Topic 4)

Which SysV init configuration file is commonly used to set the default run level? (Specify the full name of the file, including path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

inittab

NEW QUESTION 178

- (Exam Topic 4)

Which of the following commands converts spaces in a file to tab characters and prints the result to standard output?

- A. iconv
- B. expand
- C. unexpand
- D. tab

Answer: C

NEW QUESTION 183

- (Exam Topic 4)

How many fields are in a syntactically correct line of /etc/fstab?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 7

Answer: D

NEW QUESTION 186

- (Exam Topic 4)

Which of the following commands will change the quota for a specific user?

- A. edquota
- B. repquota
- C. quota -e
- D. quota

Answer:

A

NEW QUESTION 187

- (Exam Topic 4)

Creating a hard link to an ordinary file returns an error. What could be the reason for this?

- A. The source file is hidden.
- B. The source file is read-only.
- C. The source file is a shell script.
- D. The source file is already a hard link.
- E. The source and the target are on different filesystems.

Answer: E

NEW QUESTION 188

- (Exam Topic 4)

Which of the following commands makes /bin/foo executable by everyone but writable only by its owner?

- A. `chmod u=rwx,go=rx /bin/foo`
- B. `chmod o+rwx,a+rx /bin/foo`
- C. `chmod 577 /bin/foo`
- D. `chmod 775 /bin/foo`

Answer: A

NEW QUESTION 189

- (Exam Topic 4)

How can the list of files that would be installed by the RPM package file apache.xml.rpm be previewed?

- A. `rpm -qp apache.xml.rpm`
- B. `rpm -qv apache.xml.rpm`
- C. `rpm -ql apache.xml.rpm`
- D. `rpm -qpl apache.xml.rpm`

Answer: D

NEW QUESTION 193

- (Exam Topic 4)

When using regular expressions, which of the following characters match the beginning of a line?

- A. ^
- B. ?
- C. *
- D. +
- E. \$

Answer: A

NEW QUESTION 196

- (Exam Topic 4)

What is the process ID number of the init process on a SysV init based system?

- A. -1
- B. 1
- C. It is different with each reboot.
- D. It is set to the current run level.

Answer: C

NEW QUESTION 199

- (Exam Topic 4)

Which of the following examples for Bash file globbing matches a file named root-can-do-this.txt when used in the directory holding that file? (Choose three correct answers.)

- A. `root*can?do-this.{txt,odt}`
- B. `r[oOo]t-can-do*.txt`
- C. `{root,user,admin}-can-??-this.txt`
- D. `root*can*do??this.txt`
- E. `root***{can,may}-do-this.[tT][xX][tT]`

Answer: ABC

NEW QUESTION 203

- (Exam Topic 4)

When planning a partition scheme, which of the following directories could be considered for separate partitions? (Choose three.)

- A. /etc
- B. /home
- C. /var
- D. /lib
- E. /opt

Answer: B

NEW QUESTION 204

- (Exam Topic 4)

Which of the following describes the correct order in which the components of the system boot process are started?

- A. BIOS, kernel, bootloader, init system
- B. BIOS, bootloader, kernel, init system
- C. Bootloader, BIOS, kernel, init system
- D. BIOS, bootloader, init system, kernel
- E. Bootloader, BIOS, init system, kernel

Answer: B

NEW QUESTION 208

- (Exam Topic 4)

What is the purpose of the xargs command?

- A. It passes arguments to an X server.
- B. It reads standard input (STDIN) and builds up command lines to execute.
- C. It helps shellscripts take variable argument lists.
- D. It asks a question, graphically, and returns the answer to the shell.
- E. It allows users to specify long options for commands that normally only accept short options.

Answer: B

NEW QUESTION 212

- (Exam Topic 4)

Which of the following shell commands makes the already defined variable TEST visible to new child processes? (Choose two.)

- A. visible TEST
- B. declare +x TEST
- C. declare -x TEST
- D. export TEST
- E. export -v TEST

Answer: D

NEW QUESTION 213

- (Exam Topic 4)

Which of the following command lines creates or, in case it already exists, overwrites a file called data with the output of ls?

- A. ls 3> data
- B. ls >& data
- C. ls > data
- D. ls >> data

Answer: C

NEW QUESTION 218

- (Exam Topic 4)

Which of the following commands can be used to display the inode number of a given file?

- A. inode
- B. ls
- C. ln
- D. cp

Answer: B

NEW QUESTION 219

- (Exam Topic 4)

Which of the following commands shows the definition of a given shell command?

- A. where
- B. stat
- C. type
- D. case

Answer: C

NEW QUESTION 221

- (Exam Topic 4)

Which file in /proc describes the IRQs that are used by various kernel drivers? (Specify the file name only without any path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

interrupts

NEW QUESTION 224

- (Exam Topic 4)

Which file from the /proc file system contains a list of all currently mounted devices? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

mounts

NEW QUESTION 225

- (Exam Topic 4)

What command changes the nice level of a running process? (Specify ONLY the command without any path or parameters)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

renice

NEW QUESTION 230

- (Exam Topic 4)

Which command shows all shared libraries required by a binary executable or another shared library? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

ldd

NEW QUESTION 232

- (Exam Topic 4)

Which command will uninstall a package but leave its configuration files in case the package is re-installed?

- A. dpkg -s pkgname
- B. dpkg -L pkgname
- C. dpkg -P pkgname
- D. dpkg -r pkgname

Answer: D

NEW QUESTION 235

- (Exam Topic 4)

Which of the following commands are common Linux commands for file management? (Choose three correct answers.)

- A. copy
- B. mv
- C. move
- D. cp
- E. mkdir

Answer: BDE

NEW QUESTION 237

- (Exam Topic 4)

Which of the following commands can be used to search for the executable file foo when it has been placed in a directory not included in \$PATH?

- A. apropos
- B. which
- C. find
- D. query
- E. whereis

Answer: C

NEW QUESTION 242

- (Exam Topic 4)

Which of the following commands updates the already installed RPM package rpmname?

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

Answer: B

NEW QUESTION 243

- (Exam Topic 4)

Which of the following file permissions belong to a symbolic link?

- A. -rwxrwxrwx
- B. +rwxrwxrwx
- C. lrwxrwxrwx
- D. srwxrwxrwx

Answer: C

NEW QUESTION 244

- (Exam Topic 5)

When considering the use of hard links, what are valid reasons not to use hard links?

- A. Hard links are not available on all Linux systems because traditional filesystems, such as ext4, do not support them
- B. Each hard link has individual ownership, permissions and ACLs which can lead to unintended disclosure of file content
- C. Hard links are specific to one filesystem and cannot point to files on another filesystem
- D. If users other than root should be able to create hard links, suLN has to be installed and configured
- E. When a hard linked file is changed, a copy of the file is created and consumes additional space

Answer: A

NEW QUESTION 248

- (Exam Topic 5)

Which command must be entered before exiting vi to save the current file as filea.txt?

- A. %s filea.txt
- B. %w filea.txt
- C. :save filea.txt
- D. :w filea.txt
- E. :s filea.txt

Answer: D

NEW QUESTION 249

- (Exam Topic 5)

Which of the following commands displays the path to the executable file that would be executed when the command foo is invoked?

- A. lsattr foo
- B. apropos foo
- C. locate foo
- D. whatis foo
- E. which foo

Answer: A

NEW QUESTION 254

- (Exam Topic 5)

Which of the following are valid stream redirection operators within Bash? (Choose two.)

- A. <
- B. #>
- C. %>
- D. >>>
- E. 2>&1

Answer: AE

NEW QUESTION 258

- (Exam Topic 5)

Which of the following directories on a 64 bit Linux system typically contain shared libraries? (Choose two.)

- A. `~/lib64/`
- B. `/usr/lib64/`
- C. `/var/lib64/`
- D. `/lib64/`
- E. `/opt/lib64/`

Answer: AD

NEW QUESTION 261

- (Exam Topic 5)

Which program runs a command in specific intervals and refreshes the display of the program's output? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

`watch`

NEW QUESTION 264

- (Exam Topic 5)

Which of the following properties of a Linux system should be changed when a virtual machine is cloned? (Choose two.)

- A. The partitioning scheme
- B. The file system
- C. The D-Bus Machine ID
- D. The permissions of `/root/`
- E. The SSH host keys

Answer: DE

NEW QUESTION 265

- (Exam Topic 5)

Which of the following commands lists the dependencies of the RPM package file `foo.rpm`?

- A. `rpm -qpR foo.rpm`
- B. `rpm -dep foo`
- C. `rpm -ld foo.rpm`
- D. `rpm -R foo.rpm`
- E. `rpm -pD foo`

Answer: A

NEW QUESTION 266

- (Exam Topic 5)

When is the content of the kernel ring buffer reset? (Choose two.)

- A. When the ring buffer is explicitly reset using the command `dmesg --clear`
- B. When the ring buffer is read using `dmesg` without any additional parameters
- C. When a configurable amount of time, 15 minutes by default, has passed
- D. When the kernel loads a previously unloaded kernel module
- E. When the system is shut down or rebooted

Answer: AE

NEW QUESTION 271

- (Exam Topic 5)

Which command displays the current disk space usage for all mounted file systems? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

`du`

NEW QUESTION 276

- (Exam Topic 5)

When redirecting the output of find to the xargs command, what option to find is useful if the filenames contain spaces?

- A. -rep-space
- B. -printnul
- C. -nospace
- D. -ignore-space
- E. -print0

Answer: E

NEW QUESTION 280

- (Exam Topic 5)

Consider the following output from the command ls -li:

How would a new file named c.txt be created with the same inode number as a.txt (Inode 525385)?

- A. ln -h a.txt c.txt
- B. ln c.txt a.txt
- C. ln a.txt c.txt
- D. ln -f c.txt a.txt
- E. ln -i 525385 c.txt

Answer: C

NEW QUESTION 283

- (Exam Topic 5)

Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

- A. /boot/grub/stages/stage0
- B. /boot/grub/i386-pc/1vm.mod
- C. /boot/grub/fstab
- D. /boot/grub/grub.cfg
- E. /boot/grub/linux/vmlinuz

Answer: BD

NEW QUESTION 288

- (Exam Topic 5)

What is the first program the Linux kernel starts at boot time when using System V init?

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

Answer: D

NEW QUESTION 293

- (Exam Topic 5)

Which of the following commands changes all CR-LF line breaks in the text file userlist.txt to Linux standard LF line breaks and stores the result in newlist.txt?

- A. `tr -d '\r' < userlist.txt > newlist.txt`
- B. `tr -c '\n\r' " " <newlist.txt> userlist.txt`
- C. `tr '\r\n' " " <userlist.txt> newlist.txt`
- D. `tr '\r' '\n' userlist.txt newlist.txt`
- E. `tr -s '/^M/^J/' userlist.txt newlist.txt`

Answer: A

NEW QUESTION 296

- (Exam Topic 5)

Which umask value ensures that new directories can be read, written and listed by their owning user, read and listed by their owning group and are not accessible at all for everyone else?

- A. 0750
- B. 0027
- C. 0036
- D. 7640
- E. 0029

Answer: B

NEW QUESTION 299

- (Exam Topic 5)

Which of the following commands list all files and directories within the /tmp/ directory and its subdirectories which are owned by the user root? (Choose two.)

- A. `find /tmp -user root -print`
- B. `find -path /tmp -uid root`
- C. `find /tmp -uid root -print`
- D. `find /tmp -user root`
- E. `find -path /tmp -user root -print`

Answer: AE

NEW QUESTION 303

- (Exam Topic 5)

Which of the following commands redirects the output of ls to standard error?

- A. `ls >-1`
- B. `ls <<ERR`
- C. `ls >&2`
- D. `ls >>2`
- E. `ls |error`

Answer: C

NEW QUESTION 307

- (Exam Topic 5)

Which of the following vi commands deletes two lines, the current and the following line?

- A. `d2`
- B. `2d`
- C. `2dd`
- D. `dd2`
- E. `de12`

Answer: C

NEW QUESTION 311

- (Exam Topic 5)

Which wildcards will match the following filenames? (Choose two.) ttyS0

ttyS1 ttyS2

- A. `ttyS[1-5]`
- B. `tty?[0-5]`
- C. `tty*2`
- D. `tty[A-Z][012]`
- E. `tty[Ss][02]`

Answer: BD

NEW QUESTION 316

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