

LPI

Exam Questions 101-500

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



NEW QUESTION 1

- (Exam 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

NEW QUESTION 2

- (Exam Topic 1)

Which command will display messages from the kernel that were output during the normal boot sequence? `dmesg`, `/bin/dmesg`

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 3

- (Exam 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

NEW QUESTION 4

- (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 5

- (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 6

- (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 7

- (Exam Topic 1)

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. What does this indicate?

- A. The kernel was unable to execute `/bin/init`
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run

D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

Answer: B

NEW QUESTION 8

- (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 9

- (Exam 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

NEW QUESTION 10

- (Exam Topic 2)

Which command will disable swapping on a device? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

swapoff, /sbin/swapoff

NEW QUESTION 10

- (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 12

- (Exam Topic 2)

Which of the following is correct when talking about mount points?

- A. Every existing directory can be used as a mount point.
- B. Only empty directories can be used as a mount point.
- C. Directories need to have the SetUID flag set to be used as a mount point.
- D. Files within a directory are deleted when the directory is used as a mount point.

Answer: A

NEW QUESTION 16

- (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 21

- (Exam Topic 2)

Which RPM command will output the name of the package which supplied the file /etc/exports?

- A. rpm -F /etc/exports
- B. rpm -qf /etc/exports
- C. rpm -Kl /etc/exports
- D. rpm -qp /etc/exports
- E. rpm -qi/etc/exports

Answer: B

NEW QUESTION 26

- (Exam Topic 2)

Which of the following environment variables overrides or extends the list of directories holding shared libraries?

- A. LD_LOAD_PATH
- B. LD_LIB_PATH
- C. LD_LIBRARY_PATH
- D. LD_SHARE_PATH
- E. LD_RUN_PATH

Answer: C

NEW QUESTION 30

- (Exam Topic 2)

Which of the following commands lists all currently installed packages when using RPM package management?

- A. yum --query --all
- B. yum --list --installed
- C. rpm --query --all
- D. rpm --list --installed

Answer: C

NEW QUESTION 34

- (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 36

- (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 37

- (Exam 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

NEW QUESTION 40

- (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 41

- (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 42

- (Exam Topic 2)

Which of the following commands can be used to perform a full text search on all available packages on a Debian system?

- A. apt
- B. apt-cache
- C. apt-get
- D. apt-search
- E. dpkg

Answer: B

NEW QUESTION 46

- (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 48

- (Exam Topic 2)

Which of the following commands updates the linker cache of shared libraries?

- A. mkcache
- B. soconfig
- C. mkldconfig
- D. lddconfig
- E. ldconfig

Answer: E

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 52

- (Exam Topic 3)

Which of the following commands will print the last 10 lines of a text file to the standard output?

- A. cat -n 10 filename
- B. dump -n 10 filename
- C. head -n 10 filename
- D. tail -n 10 filename

Answer:

D

NEW QUESTION 56

- (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 57

- (Exam Topic 3)

Which of the following commands displays the contents of a gzip compressed tar archive?

- A. gzip archive.tgz | tar xvf -
- B. tar ztf archive.tgz
- C. gzip -d archive.tgz | tar tvf -
- D. tar cf archive.tgz

Answer: B

NEW QUESTION 61

- (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 64

- (Exam Topic 3)

In the vi editor, which of the following commands will copy the current line into the vi buffer?

- A. c
- B. cc
- C. 1c
- D. yy
- E. 1y

Answer: D

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 72

- (Exam Topic 3)

Which of the following files, located in the user home directory, is used to store the Bash history?

- A. .bash_history
- B. .bash_histfile
- C. .history
- D. .bashrc_history
- E. .history_bash

Answer: A

NEW QUESTION 75

- (Exam Topic 3)

What does the ? symbol within regular expressions represent?

- A. Match the preceding qualifier one or more times.
- B. Match the preceding qualifier zero or more times.
- C. Match the preceding qualifier zero or one times.
- D. Match a literal ?character.

Answer: C

NEW QUESTION 78

- (Exam Topic 3)

Which of the following signals is sent to a process when the key combination CTRL+C is pressed on the keyboard?

- A. SIGTERM
- B. SIGINT
- C. SIGSTOP
- D. SIGKILL

Answer: B

NEW QUESTION 81

- (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 83

- (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 87

- (Exam Topic 3)

While editing a file in vi, the file changes due to another process. Without exiting vi, how can the file be reopened for editing with the new content?

- A. `:r`
- B. `:n`
- C. `:w`
- D. `:e`

Answer: D

NEW QUESTION 88

- (Exam Topic 3)

What is the purpose of the Bash built-in export command?

- A. It allows disks to be mounted remotely.
- B. It runs a command as a process in a subshell.
- C. It makes the command history available to subshells.
- D. It sets up environment variables for applications.
- E. It shares NFS partitions for use by other systems on the network.

Answer: D

NEW QUESTION 92

- (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 94

- (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 97

- (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 101

- (Exam Topic 3)

Which command is used in a Linux environment to create a new directory? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

mkdir, /usr/bin/mkdir

NEW QUESTION 105

- (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 108

- (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 113

- (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 115

- (Exam Topic 3)

Which of the following commands kills the process with the PID 123 but allows the process to "clean up" before exiting?

- A. kill -PIPE 123
- B. kill -KILL 123
- C. kill -STOP 123
- D. kill -TERM 123

Answer: D

NEW QUESTION 116

- (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 117

- (Exam Topic 4)

Which umask value will result in the default access permissions of 600 (rw-----) for files and 700 (rwx-----) for directories? (Specify only the numerical umask value.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

0077, 077

NEW QUESTION 119

- (Exam Topic 4)

Which of the following commands will produce the following output?

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1255	4.4	0.9	60716	34824	tty7	Ss+	09:25	19:04	/usr/bin/X :0 -
root	2016	0.0	0.0	1792	560	tty1	Ss+	09:26	0:00	/sbin/getty -8
matt	5204	0.0	0.1	6320	3696	pts/4	Ss	13:12	0:00	bash
matt	5219	0.0	0.0	3988	1624	pts/4	S+	13:12	0:00	man bash
matt	5229	0.0	0.0	3584	932	pts/4	S+	13:12	0:00	pager -s
matt	6768	0.0	0.1	10504	3880	pts/2	S+	15:11	0:00	vi README.txt

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

Answer: D

NEW QUESTION 124

- (Exam Topic 4)

Which of the following commands is used to modify quota settings? (Choose two.)

- A. editquota
- B. setquota
- C. edquota
- D. quotaedit
- E. quotaset

Answer: C

NEW QUESTION 125

- (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 129

- (Exam Topic 4)

After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

- A. By creating an ACL redirection from the old to the new path of the data.
- B. By creating a hard link from the old to the new path of the data.
- C. By creating a symbolic link from the old to the new path of the data.
- D. By running the command touch on the old path.
- E. By mounting the new filesystem on the original path of the data.

Answer: CE

NEW QUESTION 131

- (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 135

- (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 139

- (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. procfs

Answer: AC

NEW QUESTION 141

- (Exam Topic 4)

Which command is used to query information about the available packages on a Debian system?

- A. apt-cache
- B. apt-get
- C. apt-search
- D. dpkg
- E. dpkg-search

Answer: A

NEW QUESTION 146

- (Exam Topic 4)

Which of the following commands changes the ownership of file.txt to the user dan and the group staff?

- A. chown dan/staff file.txt
- B. chown dan:staff file.txt
- C. chown -u dan -g staff file.txt
- D. chown dan -g staff file.txt

Answer: B

NEW QUESTION 151

- (Exam Topic 4)

Which command creates a swap space on a block device or a file? (Specify ONLY the command without any path or parameters.)

- A. Mastered

B. Not Mastered

Answer: A

Explanation:
mkswap

NEW QUESTION 153

- (Exam Topic 4)

Which of the following is a limitation of the cut command?

- A. The cut command can only select output by field position.
- B. The cut command cannot reorder fields.
- C. The cut command only works on ASCII text.
- D. The cut command cannot use different input and output delimiters.

Answer: B

NEW QUESTION 154

- (Exam Topic 4)

Which of the following commands changes all occurrences of the word "bob" in file data to "Bob" and prints the result to standard output?

- A. sed '/bob/Bob' data
- B. sed 's/bob/Bob/g' data
- C. sed 's/bob/Bob/' data
- D. sed '/bob/Bob/' data
- E. sed 's/bob,Bob/' data

Answer: B

NEW QUESTION 158

- (Exam Topic 4)

Which of the following options must be passed to a filesystem's entry in /etc/fstab in order to mount the file system without root privileges?

- A. auto
- B. norestrict
- C. noauto
- D. user

Answer: D

NEW QUESTION 163

- (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 164

- (Exam Topic 4)

Which command reads and displays the current contents of the Kernel Ring Buffer on the command line? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
dmesg

NEW QUESTION 167

- (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 171

- (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 176

- (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 177

- (Exam Topic 4)

Where does the BIOS search for a bootloader?

- A. On all connected storage media regardless of the boot device order.
- B. On all connected storage media in the defined boot device order.
- C. Only on hard disk drives in the defined boot device order.
- D. Only on the last added storage media.
- E. The BIOS is not responsible to search for a valid bootloader.

Answer: B

NEW QUESTION 182

- (Exam Topic 4)

Which of the following commands will mount an already inserted CD-ROM in /dev/sr0 onto an existing directory /mnt/cdrom when issued with root privileges?

- A. `mount /dev/cdrom /mnt/cdrom`
- B. `mount /dev/sr0 /mnt/cdrom`
- C. `mount -t cdrom /dev/sr0 /mnt/cdrom`
- D. `mount -l cdrom /dev/sr0 /mnt/cdrom`
- E. `mount -f /dev/sr0/mnt/cdrom`

Answer: C

NEW QUESTION 186

- (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 187

- (Exam Topic 4)

Which command is used to start another command with a given nice level? (Specify ONLY the command without any path or parameters.)

- A. `Mastered`
- B. `Not Mastered`

Answer: A

Explanation:

`nice`

NEW QUESTION 191

- (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 194

- (Exam Topic 4)

Instead of supplying an explicit device in /etc/fstab for mounting, what other options may be used to identify the intended partition? (Choose TWO correct answers.)

- A. FIND
- B. ID
- C. LABEL
- D. NAME
- E. UUID

Answer: CE

NEW QUESTION 197

- (Exam Topic 4)

In compliance with the FHS, in which of the following directories are documentation files found?

- A. /usr/share/documentation
- B. /usr/local/share/documentation
- C. /var/share/doc
- D. /usr/share/doc
- E. /etc/share/doc

Answer: C

NEW QUESTION 202

- (Exam Topic 4)

Which of the following commands can be used to create a new file that is 100kB in size?

- A. dd
- B. file
- C. mkfile
- D. touch

Answer: A

NEW QUESTION 204

- (Exam Topic 4)

How is a symbolic link called bar.conf pointing to foo.conf created?

- A. ln -s foo.conf bar.conf
- B. ln foo.conf bar.conf
- C. ln -s bar.conf foo.conf
- D. ln bar.conf foo.conf

Answer: A

NEW QUESTION 209

- (Exam Topic 4)

When piping the output of find to the xargs command, what option to find is useful if the filenames have spaces in them?

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

Answer: B

NEW QUESTION 213

- (Exam Topic 4)

Which of the following is true for hard linked files? (Choose three.)

- A. The output of stat will report hard instead of regular file.
- B. The hard linked files have the same permissions and owner.
- C. The hard linked files share the same inode.
- D. The hard linked files are indicated by a -> when listed with ls -l.
- E. The hard linked files must be on the same filesystem.

Answer: BCE

NEW QUESTION 217

- (Exam Topic 4)

Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of the following signal codes?

- A. 1(SIGHUP)
- B. 2(SIGINT)
- C. 3(SIGQUIT)
- D. 9(SIGKILL)
- E. 15(SIGTERM)

Answer: B

NEW QUESTION 219

- (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)

After running the command `mount /mnt`, the following error message is displayed: `mount: /mnt: device is busy.`

What is a common reason for this message?

- A. The kernel has not finished flushing disk writes to the mounted device.
- B. A user has a file open in the /mnt directory.
- C. Another file system still contains a symlink to a file inside /mnt.
- D. The files in /mnt have been scanned and added to the locate database.
- E. The kernel thinks that a process is about to open a file in /mnt for reading.

Answer: B

NEW QUESTION 228

- (Exam Topic 4)

In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and the following 16 lines (17 lines total)? Specify the correct vi command without spaces.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

17yy

NEW QUESTION 233

- (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 237

- (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 242

- (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 244

- (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 245

- (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 250

- (Exam Topic 5)

What is true regarding UEFI firmware? (Choose two.)

- A. It can read and interpret partition tables
- B. It can use and read certain file systems
- C. It stores its entire configuration on the `/boot/` partition
- D. It is stored in a special area within the GPT metadata
- E. It is loaded from a fixed boot disk position

Answer: BD

NEW QUESTION 254

- (Exam Topic 5)

Which of the following is true when a file system, which is neither listed in `/etc/fstab` nor known to system, is mounted manually?

- A. `systemd` ignores any manual mounts which are not done using the `systemctl mount` command
- B. The command `systemctl mountsinc` can be used to create a mount unit based on the existing mount
- C. `systemd` automatically generates a mount unit and monitors the mount point without changing it
- D. Unless a `systemd` mount unit is created, `systemd` unmounts the file system after a short period of time
- E. `systemctl unmount` must be used to remove the mount because `system` opens a file descriptor on the mount point

Answer: B

NEW QUESTION 259

- (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 261

- (Exam Topic 5)

Which of the following statements are true about the boot sequence of a PC using a BIOS? (Choose two.)

- A. Some parts of the boot process can be configured from the BIOS
- B. Linux does not require the assistance of the BIOS to boot a computer
- C. The BIOS boot process starts only if secondary storage, such as the hard disk, is functional

- D. The BIOS initiates the boot process after turning the computer on
- E. The BIOS is started by loading hardware drivers from secondary storage, such as the hard disk

Answer: AD

NEW QUESTION 264

- (Exam Topic 5)

Consider the following output from the command `ls -li`:

```
525385 -rw-rw-r-- 2 1000 1000 0 Feb 12 19:44 a.txt
526255 lrwxrwxrwx 1 1000 1000 5 Feb 12 19:44 b.txt -> a.txt
```

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 268

- (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/vm.mod`
- C. `/boot/grub/fstab`
- D. `/boot/grub/grub.cfg`
- E. `/boot/grub/linux/vmlinuz`

Answer: BD

NEW QUESTION 269

- (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 270

- (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 274

- (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 278

- (Exam Topic 5)

What does the command `mount --bind` do?

- A. It makes the contents of one directory available in another directory
- B. It mounts all available filesystems to the current directory
- C. It mounts all user mountable filesystems to the user's home directory
- D. It mounts all file systems listed in `/etc/fstab` which have the option `userbind` set

E. It permanently mounts a regular file to a directory

Answer: A

NEW QUESTION 281

- (Exam Topic 5)

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. `cut -d : -f 1,4 /etc/passwd`
- C. `sort -t : -k 1,4 /etc/passwd`
- D. `paste -f 1,4 /etc/passwd`
- E. `split -c 1,4 /etc/passwd`

Answer: B

NEW QUESTION 286

- (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 289

- (Exam Topic 5) Given the following input stream:

txt1.txt
atxt.txt
txtB.txt

Which of the following regular expressions turns this input stream into the following output stream? txt1.bak.txt

atxt.bak.txt
txtB.bak.txt

- A. `s/^txt/.bak/`
- B. `s/txt/bak.txt/`
- C. `s/txt$/bak.txt/`
- D. `s/^txt$/bak^/`
- E. `s/[.txt]/.bak$1/`

Answer: B

NEW QUESTION 294

- (Exam Topic 5)

What is true regarding the command

`ls > files`

if files does not exist?

- A. The output of `ls` is printed to the terminal
- B. `files` is created and contains the output of `ls`
- C. An error message is shown and `ls` is not executed
- D. The command `files` is executed and receives the output of `ls`
- E. Any output of `ls` is discarded

Answer: B

NEW QUESTION 295

Which of the following commands will NOT update the modify timestamp on the file /tmp/myfile.txt?

- A. `file /tmp/myfile.txt`
- B. `echo "Hello" >/tmp/myfile.txt`
- C. `sed -ie "s/1/2/" /tmp/myfile.txt`
- D. `echo -n "Hello" >>/tmp/myfile.txt`
- E. `touch/tmp/myfile.txt`

Answer: A

NEW QUESTION 300

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