

Exam Questions 102-500

LPIC-1 Exam 102 - Part 2 of 2 - version 5.0

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NEW QUESTION 1

- (Exam Topic 1)

What output will the following command sequence produce? `echo '1 2 3 4 5 6' | while read a b c; do echo result: $c $b $a; done`

- A. result: 3 4 5 6 2 1
- B. result: 1 2 3 4 5 6
- C. result: 6 5 4
- D. result: 6 5 4 3 2 1
- E. result: 3 2 1

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

Which of the following commands lists all defined variables and functions within Bash?

- A. `env`
- B. `set`
- C. `env -a`
- D. `echo $ENV`

Answer: B

NEW QUESTION 3

- (Exam Topic 1)

What output will the command `seq 10` produce?

- A. A continuous stream of numbers increasing in increments of 10 until stopped.
- B. The numbers 1 through 10 with one number per line.
- C. The numbers 0 through 9 with one number per line.
- D. The number 10 to standard output.

Answer: B

NEW QUESTION 4

- (Exam Topic 1)

What word is missing from the following SQL statement?

_____ count(*) from tablename;

(Please specify the missing word using lower-case letters only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

`select`

NEW QUESTION 5

- (Exam Topic 1)

What keyword is missing from this code sample of a shell script?

```
_____ i in *.txt; do
echo $i
done
```

- A. `for`
- B. `loop`
- C. `until`
- D. `while`

Answer: A

NEW QUESTION 6

- (Exam Topic 1)

What benefit does an alias in bash provide?

- A. It provides faster lookups for commands in the system directory.
- B. It creates a local copy of a file from another directory.
- C. It hides what command you are running from others.
- D. It allows a string to be substituted for the first word of a simple command.

Answer: D

NEW QUESTION 7

- (Exam Topic 1)

Which of the following SQL queries counts the number of occurrences for each value of the field order_type in the table orders?

- A. SELECT order_type,COUNT(*) FROM orders WHERE order_type=order_type;
- B. SELECT order_type,COUNT(*) FROM orders GROUP BY order_type;
- C. COUNT(SELECT order_type FROM orders);
- D. SELECT COUNT(*) FROM orders ORDER BY order_type;
- E. SELECT AUTO_COUNT FROM orders COUNT order_type;

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the -m option to the useradd command? (Specify the full path to the directory.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/skel

NEW QUESTION 9

- (Exam Topic 1)

What is the purpose of the file /etc/profile?

- A. It contains the welcome message that is displayed after login.
- B. It contains security profiles defining which users are allowed to log in.
- C. It contains environment variables that are set when a user logs in.
- D. It contains default application profiles for users that run an application for the first time.

Answer: C

NEW QUESTION 10

- (Exam Topic 2)

What is the purpose of the Sticky Keys feature in X?

- A. To assist users who have difficulty holding down multiple keys at once
- B. To prevent repeated input of a single character if the key is held down
- C. To ignore brief keystrokes according to a specified time limit
- D. To repeat the input of a single character

Answer: A

NEW QUESTION 10

- (Exam Topic 2)

On a system running the KDE Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

- A. When KDM starts
- B. When a user's X session exits
- C. When KDM crashes
- D. When X is restarted
- E. When X crashes

Answer: B

NEW QUESTION 15

- (Exam Topic 2)

Why is the xhost program considered dangerous to use?

- A. It makes it difficult to uniquely identify a computer on the network.
- B. It allows easy access to your X server by other users.
- C. It logs sensitive information to syslog.
- D. It makes your computer share network resources without any authentication.
- E. It is a graphical DNS tool with known exploits.

Answer: B

NEW QUESTION 19

- (Exam Topic 2)

Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

- A. /etc/X11/xdm/Xsetup
- B. /etc/X11/xdm.conf
- C. /etc/X11/xdm/Defaults

D. /etc/X11/defaults.conf

Answer: A

NEW QUESTION 23

- (Exam Topic 2)

Which of the following commands shows the current color depth of the X Server?

- A. xcd
- B. xcdepth
- C. xwininfo
- D. xcolordepth
- E. cat /etc/X11

Answer: C

NEW QUESTION 28

- (Exam Topic 2)

Which command can be used to investigate the properties for a particular window in X by clicking that window? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/usr/bin/xwininfo, xwininfo

NEW QUESTION 29

- (Exam Topic 3)

Which file specifies the user accounts that can NOT submit jobs via at or batch? (Provide the full path and filename)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/at.deny

NEW QUESTION 32

- (Exam Topic 3)

Which of the following commands can be used to convert text files in one character encoding to another character encoding?

- A. cat
- B. convert
- C. dd
- D. iconv
- E. utf2utf

Answer: D

NEW QUESTION 34

- (Exam Topic 3)

In which file, if present, must all users be listed that are allowed to use the cron scheduling system? (Specify the full name of the file, including path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/cron.allow

NEW QUESTION 37

- (Exam Topic 3)

Which of the following can the chage command NOT change?

- A. The number of days since January 1, 1970 after which the user's account will no longer be accessible.
- B. The number of days since January 1, 1970 after which the password can change.
- C. The number of days since January 1, 1970 since the password was last changed.
- D. The maximum number of days during which a password is valid.
- E. The number of days of inactivity after a password has expired before the account is locked.

Answer: B

NEW QUESTION 41

- (Exam Topic 3)

Which command should be added to /etc/bash_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO correct answers)

- A. export LANGUAGE="pt"
- B. export MESSAGE="pt"
- C. export LANG="pt"
- D. export LC_MESSAGES="pt"
- E. export ALL_MESSAGES="pt"

Answer: CD

NEW QUESTION 43

- (Exam Topic 3)

Which command is used to add an empty group to the system? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

groupadd, /usr/sbin/groupadd

NEW QUESTION 48

- (Exam Topic 3)

What is the conventional purpose of Linux UIDs that are lower than 100?

- A. They are reserved for super user accounts.
- B. They are reserved for the system admin accounts.
- C. They are reserved for system accounts.
- D. They are unused, aside from 0, because they are targets of exploits.
- E. They are used to match with GIDs in grouping users.

Answer: C

NEW QUESTION 49

- (Exam Topic 3)

Each entry in a crontab must end with what character?

- A. Tab
- B. Space
- C. Backslash
- D. Newline

Answer: D

NEW QUESTION 53

- (Exam Topic 3)

The system's timezone may be set by linking /etc/localtime to an appropriate file in which directory? (Provide the full path to the directory, without any country information)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/usr/share/zoneinfo/

NEW QUESTION 55

- (Exam Topic 3)

Which commands can be used to change a user's account aging information? (Choose THREE correct answers.)

- A. usermod
- B. passwd
- C. chattr
- D. chage
- E. chsh

Answer: ABD

NEW QUESTION 60

- (Exam Topic 3)

What is true about the file `/etc/localtime`?

- A. It is a plain text file containing a string such as Europe/Berlin.
- B. It is created and maintained by the NTP service based on the geolocation of the system's IP address.
- C. It is a symlink to `/sys/device/clock/ltime` and always contains the current local time.
- D. It is either a symlink to or a copy of a timezone information file such as `/usr/share/zoneinfo/Europe/Berlin`.

Answer: D

NEW QUESTION 63

- (Exam Topic 3)

A French user has installed the French language pack, but currencies are still being displayed with a leading '\$' sign in his spreadsheets. What must be done to fix this?

- A. Alter the locale.
- B. Set the timezone correctly.
- C. Edit `/etc/currency`.
- D. Reinstall the French language pack.

Answer: A

NEW QUESTION 65

- (Exam Topic 3)

What is the purpose of the `iconv` command?

- A. It converts bitmap images from one format to another such as PNG to JPEG.
- B. It verifies that the root directory tree complies to all conventions from the Filesystem Hierarchy Standard (FHS).
- C. It displays additional meta information from icon files ending in `.ico`.
- D. It changes the mode of an inode in the ext4 file system.
- E. It converts files from one character encoding to another.

Answer: E

NEW QUESTION 68

- (Exam Topic 3)

How is the file format of `/etc/crontab` different from a normal crontab file? (Select TWO correct answers)

- A. The `/etc/crontab` file can specify a year field.
- B. A normal crontab file must be installed with the `crontab` command.
- C. A normal crontab file allows for environment variable substitution.
- D. The `/etc/crontab` file has a user field for commands.

Answer: BD

NEW QUESTION 72

- (Exam Topic 3)

Which of the following commands should be added to `/etc/bash_profile` in order to change the language of messages for an internationalized program to Portuguese (pt)?

- A. `export LANGUAGE="pt"`
- B. `export MESSAGE="pt"`
- C. `export UI_MESSAGES="pt"`
- D. `export LC_MESSAGES="pt"`
- E. `export ALL_MESSAGES="pt"`

Answer: D

NEW QUESTION 76

- (Exam Topic 3)

Which commands can you use to change a user's account aging information? (Choose THREE correct answers.)

- A. `usermod`
- B. `passwd`
- C. `chattr`
- D. `chage`
- E. `chsh`

Answer: ABD

NEW QUESTION 77

- (Exam Topic 3)

To prevent a specific user from scheduling tasks with `at`, what should the administrator do?

- A. Add the specific user to `/etc/at.allow` file.
- B. Add the specific user to `[deny]` section in the `/etc/atd.conf` file.
- C. Add the specific user to `/etc/at.deny` file.
- D. Add the specific user to `nojobs` group.

E. Run the following: `atd --deny [user]`.

Answer: C

NEW QUESTION 81

- (Exam Topic 3)

What is NOT contained in the locale setting of the operating system?

- A. currency symbol
- B. language
- C. timezone
- D. thousands separator

Answer: C

NEW QUESTION 86

- (Exam Topic 3)

Which of the following steps prevents a user from obtaining an interactive login session?

- A. Run the command `chsh -s /bin/false` with the user name.
- B. Set the UID for the user to 0.
- C. Remove the user from the group staff.
- D. Add the user to `/etc/noaccess`.
- E. Create a `.nologin` file in the user's home directory.

Answer: A

NEW QUESTION 89

- (Exam Topic 4)

Which of the following are commonly used Mail Transfer Agent (MTA) applications? (Choose THREE correct answers.)

- A. Postfix
- B. Procmail
- C. Sendmail
- D. Exim
- E. SMTPd

Answer: ACD

NEW QUESTION 94

- (Exam Topic 4)

Why is the correct configuration of a system's time zone important?

- A. Because the conversion of Unix timestamps to local time relies on the time zone configuration.
- B. Because the time zone is saved as part of the modification times of files and cannot be changed after a file is created.
- C. Because the environment variables `LANG` and `LC_MESSAGES` are, by default, set according to the time zone.
- D. Because NTP chooses servers nearby based on the configured time zone.

Answer: A

NEW QUESTION 97

- (Exam Topic 4)

On a dual boot system, every time the system is booted back into Linux the time has been set backward by one day. Which of the following commands will correct the problem?

- A. `date -d '+ 1 day'`
- B. `hwclock --systohc --localtime`
- C. `ntpdate pool.ntp.org`
- D. `time hwclock`

Answer: B

NEW QUESTION 99

- (Exam Topic 4)

Which option in the `/etc/ntp.conf` file specifies an external NTP source to be queried for time information? (Specify ONLY the option without any values or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

server

NEW QUESTION 102

- (Exam Topic 4)

Which file, when using Sendmail or a similar MTA system, will allow a user to redirect all their mail to another address and is configurable by the user themselves?

- A. /etc/alias
- B. ~/.alias
- C. /etc/mail/forwarders
- D. ~/.forward
- E. ~/.vacation

Answer: D

NEW QUESTION 104

- (Exam Topic 4)

Which command, available with all MTAs, is used to list the contents of the MTA's mail queue? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

mailq, /usr/bin/mailq, sendmail -bp, /usr/sbin/sendmail -bp, /usr/lib/sendmail -bp, sendmail, /usr/sbin/sendmail, /usr/lib/sendmail

NEW QUESTION 108

- (Exam Topic 5)

Which of the following keywords can be used in the file /etc/resolv.conf? (Choose TWO correct answers.)

- A. substitute
- B. nameserver
- C. search
- D. lookup
- E. method

Answer: BC

NEW QUESTION 110

- (Exam Topic 5)

On a regular users workstation the route command takes a long time before printing out the routing table. Which of the following errors does that indicate?

- A. The local routing information may be corrupted and must be re-validated using a routing protocol.
- B. One of the routers in the routing table is not available which causes the automatic router failure detection mechanism (ARF-D) to wait for a timeout.
- C. There may accidentally be more than one default router in which case a default router election has to be done on the network in order to choose one router as the default.
- D. DNS resolution may not be working as route by default tries to resolve names of routers and destinations and may run into a timeout.

Answer: D

NEW QUESTION 114

- (Exam Topic 5)

Which keyword must be listed in the hosts option of the Name Service Switch configuration file in order to make host lookups consult the /etc/hosts file?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

files

NEW QUESTION 117

- (Exam Topic 5)

Which of the following commands can be used to display the local routing table? (Choose TWO correct answers.)

- A. ifconfig
- B. dig
- C. netstat
- D. route
- E. trackroute

Answer: CD

NEW QUESTION 121

- (Exam Topic 5)

With IPv6, how many bits have been used for the interface identifier of an unicast address? (Specify the number using digits only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
64

NEW QUESTION 124

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