

Exam Questions 102-500

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

<https://www.2passeasy.com/dumps/102-500/>



NEW QUESTION 1

- (Exam Topic 1)

After issuing:

```
function myfunction { echo $1 $2 ; }
```

in Bash, which output does:

```
myfunction A B C
```

Produce?

- A. A B
- B. A B C
- C. A C
- D. B C
- E. C B A

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

What word is missing from the following SQL statement?

```
insert into tablename _____ (909, 'text');
```

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

VALUES, values

NEW QUESTION 3

- (Exam Topic 1)

What is the difference between the commands `test -e path` and `test -f path`?

- A. They are equivalent options with the same behaviour.
- B. The `-f` option tests for a regular file.
- C. The `-e` option tests for an empty file.
- D. Both options check the existence of the path.
- E. The `-f` option also confirms that it is a regular file.
- F. The `-f` option tests for a regular file.
- G. The `-e` option tests for an executable file.

Answer: C

NEW QUESTION 4

- (Exam Topic 1)

Which command allows you to make a shell variable visible to subshells?

- A. `export $VARIABLE`
- B. `export VARIABLE`
- C. `set $VARIABLE`
- D. `set VARIABLE`
- E. `env VARIABLE`

Answer: B

NEW QUESTION 5

- (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 6

- (Exam Topic 1)

Which of the following SQL statements will select the fields name and address from the contacts table?

- A. `SELECT (name, address) FROM contacts;`
- B. `SELECT (name address) FROM contacts;`

- C. SELECT name, address FROM contacts;
- D. SELECT name address FROM contacts;

Answer: C

NEW QUESTION 7

- (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 8

- (Exam Topic 1)

Which of the following words is used to restrict the records that are returned from a SELECT SQL query based on a supplied criteria for the values in the records?

- A. CASE
- B. FROM
- C. WHERE
- D. IF

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

Which of the following configuration files should be modified to set default shell variables for all users?

- A. /etc/bashrc
- B. /etc/profile
- C. ~/.bash_profile
- D. /etc/.bashrc

Answer: B

NEW QUESTION 10

- (Exam Topic 2)

What is the purpose of a screen reader?

- A. It reads text displayed on the screen to blind or visually impaired people.
- B. It reads the parameters of the attached monitors and creates an appropriate X11 configuration.
- C. It displays lines and markers to help people use speed reading techniques.
- D. It manages and displays files that contain e-books.

Answer: A

NEW QUESTION 10

- (Exam Topic 2)

An administrator wants to determine the geometry of a particular window in X, so she issues the _____ -metric command and then clicks on the window.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/usr/bin/xwininfo, xwininfo

NEW QUESTION 13

- (Exam Topic 2)

For accessibility assistance, which of the following programs is an on-screen keyboard?

- A. xkb
- B. atkb
- C. GOK
- D. xOSK

Answer: C

NEW QUESTION 16

- (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 18

- (Exam Topic 2)

The X11 configuration file xorg.conf is grouped into sections. How is the content of the section SectionName associated with that section?

- A. It is placed in curly brackets as in Section SectionName { ... }.
- B. It is placed between a line containing Section "SectionName" and a line containing EndSection.
- C. It is placed between the tags <Section name="SectionName"> and </Section>
- D. It is placed after the row [SectionName].
- E. It is placed after an initial unindented Section "SectionName" and must be indented by exactly one tab character.

Answer: B

NEW QUESTION 22

- (Exam Topic 2)

How is a display manager started?

- A. It is started by a user using the command startx.
- B. It is started like any other system service by the init system.
- C. It is started by inetd when a remote hosts connects to the X11 port.
- D. It is started automatically when a X11 user logs in to the system console.

Answer: B

NEW QUESTION 24

- (Exam Topic 3)

Which of the following fields can be found in the /etc/group file? (Choose THREE correct answers.)

- A. The list of users that belong to the group.
- B. The home directory of the group.
- C. The name of the group.
- D. The description of the group.
- E. The password of the group.

Answer: ACE

NEW QUESTION 26

- (Exam Topic 3)

Of the ways listed, which is the best method to temporarily suspend a user's ability to interactively login?

- A. Use passwd -d username to give the user an empty password.
- B. Use chage to expire the user account.
- C. Change the user's password.
- D. Add the command exit to the user's .login file.

Answer: B

NEW QUESTION 30

- (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 35

- (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 36

- (Exam Topic 3)

Which character in the password field of `/etc/passwd` is used to indicate that the encrypted password is stored in `/etc/shadow`?

- A. *
- B. -
- C. s
- D. x

Answer: D

NEW QUESTION 40

- (Exam Topic 3)

Which of the following files assigns a user to its primary group?

- A. `/etc/pgroup`
- B. `/etc/shadow`
- C. `/etc/group`
- D. `/etc/passwd`
- E. `/etc/gshadow`

Answer: D

NEW QUESTION 43

- (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 47

- (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 51

- (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 54

- (Exam Topic 3)

Which command will set the local machine's timezone to UTC?

- A. `cat UTC > /etc/timezone`
- B. `ln -s /usr/share/zoneinfo/UTC /etc/localtime`
- C. `date --timezone=UTC`
- D. `mv /usr/timezone/UTC /etc`

Answer: B

NEW QUESTION 59

- (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 60

- (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 62

- (Exam Topic 3)

Which crontab entry could be used to set the system time at regular intervals?

- A. `1 0 * * * date $d $t $24`
- B. `1 0 * * * ntpdate ntp1.digex.net`
- C. `1 0 * * * date ntp1.digex.net`
- D. `1 0 * * * runcron date ntp1.digex.net`
- E. `1 0 * * * settime $d $t $24`

Answer: B

NEW QUESTION 64

- (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 69

- (Exam Topic 4)

Which of the following are syslog facilities? (Choose TWO correct answers.)

- A. `local7`
- B. `mail`
- C. `advanced`
- D. `postmaster`
- E. `remote`

Answer: AB

NEW QUESTION 72

- (Exam Topic 4)

After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to display the status of the printer's queue? (Specify ONLY the command without any path or parameters.)

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

Answer: A

Explanation:

`lpq`, `/usr/bin/lpq`, `lpstat`, `/usr/bin/lpstat`

NEW QUESTION 73

- (Exam Topic 4)

What is the purpose of the command `mailq`?

- A. It fetches new emails from a remote server using POP3 or IMAP.
- B. It is a multi-user mailing list manager.
- C. It is a proprietary tool contained only in the qmail MTA.
- D. It queries the mail queue of the local MTA.
- E. It is a command-line based tool for reading and writing emails.

Answer: D

NEW QUESTION 78

- (Exam Topic 4)

After adding a new email alias to the configuration, which command must be run in order to ensure the MTA knows about it? (Specify the command without any path but including all required parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

newaliases, sendmail -bi

NEW QUESTION 80

- (Exam Topic 4)

What command should be used to print a listing of email in the system's mail queue?

- A. lpq
- B. mailq
- C. mlq
- D. sendmail -l

Answer: B

NEW QUESTION 84

- (Exam Topic 4)

What is true regarding the command sendmail?

- A. With any MTA, the sendmail command must be run periodically by the cron daemon.
- B. All MTAs, including Postfix and Exim, provide a sendmail command.
- C. The sendmail command prints the MTAs queue history of which mails have been sent successfully.
- D. It is only available when the sendmail MTA is installed.

Answer: B

NEW QUESTION 85

- (Exam Topic 4)

What is true regarding the file ~/.forward?

- A. As it is owned by the MTA and not writable by the user, it must be edited using the editaliases command.
- B. After editing ~/.forward the user must run newaliases to make the mail server aware of the changes.
- C. Using ~/.forward, root may configure any email address whereas all other users may configure only their own addresses.
- D. When configured correctly, ~/.forward can be used to forward each incoming mail to more than one other recipient.

Answer: D

NEW QUESTION 90

- (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 91

- (Exam Topic 4)

What entry can you add to syslog.conf file to have all syslog messages generated by your system go to virtual console 12?

- A. *.* /dev/tty12
- B. /var/log/messages | /dev/tty12
- C. | /dev/tty12
- D. syslog tty12
- E. mail.* /dev/tty12

Answer: A

NEW QUESTION 96

- (Exam Topic 5)

Which of the following may occur as a consequence of using the command ifconfig? (Choose THREE correct answers.)

- A. New name servers may be added to the resolver configuration.
- B. Network interfaces may become active or inactive.
- C. The routing table may change.
- D. IP addresses may change.
- E. The system's host name may change.

Answer: BCD

NEW QUESTION 101

- (Exam Topic 5)

How many IP-addresses can be used for unique hosts inside the IPv4 subnet 192.168.2.128/28? (Specify the number only without any additional information.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

14

NEW QUESTION 103

- (Exam Topic 5)

Which of the following tools used for DNS debugging, reports not only the response from the name server but also details about the query?

- A. dnsq
- B. dig
- C. hostname
- D. dnslookup
- E. zoneinfo

Answer: B

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)

Which parameter must be passed to ifconfig to activate a previously inactive network interface? (Specify the parameter only without any command, path or additional options)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

up

NEW QUESTION 114

- (Exam Topic 5)

What is the lowest numbered unprivileged TCP port? (Specify the number in digits only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1024

NEW QUESTION 115

- (Exam Topic 5)

Which of the following programs can be used to determine the routing path to a given destination?

- A. dig
- B. netstat
- C. ping
- D. route
- E. traceroute

Answer: E

NEW QUESTION 118

- (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 119

- (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 122

- (Exam Topic 6)

Which file lists which users can execute commands using sudo? (Specify the full name of the file, including path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/sudoers

NEW QUESTION 123

- (Exam Topic 6)

With X11 forwarding in ssh, what environment variable is automatically set in the remote host shell that is not set when X11 forwarding is not enabled? (Specify only the environment variable without any additional commands or values.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DISPLAY, \$DISPLAY

NEW QUESTION 124

- (Exam Topic 6)

The presence of what file will temporarily prevent all users except root from logging into the system? (Specify the full name of the file, including path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/nologin

NEW QUESTION 125

- (Exam Topic 6)

Which of the following commands can be used to limit the amount of memory a user may use?

- A. umask
- B. usermod
- C. ulimit
- D. passwd
- E. chage

Answer: C

NEW QUESTION 130

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 102-500 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 102-500 Product From:

<https://www.2passeasy.com/dumps/102-500/>

Money Back Guarantee

102-500 Practice Exam Features:

- * 102-500 Questions and Answers Updated Frequently
- * 102-500 Practice Questions Verified by Expert Senior Certified Staff
- * 102-500 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 102-500 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year