

➤ **Vendor: LPI**

➤ **Exam Code: 102-400**

➤ **Exam Name: LPIC-1 Exam 102**

➤ **Question 81 -- Question 120**

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QUESTION 81

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

QUESTION 82

Which of the following commands puts the output of the command date into the shell variable mydate?

- A. mydate="\$(date)"
- B. mydate="exec date"
- C. mydate="\$((date))"
- D. mydate="date"
- E. mydate="\${date}"

Answer: A

QUESTION 83

Which of the following files, when existing, affect the behavior of the Bash shell? (Choose TWO correct answers.)

- A. ~/.bashconf
- B. ~/.bashrc
- C. ~/.bashdefaults
- D. ~/.bash_etc
- E. ~/.bash_profile

Answer: BE

QUESTION 84

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. The `-e` option tests for an empty file.
- C. Both options check the existence of the path. The `-f` option also confirms that it is a regular file.
- D. The `-f` option tests for a regular file. The `-e` option tests for an executable file.

Answer: C

QUESTION 85

How can the existing environment variable `FOOBAR` be suppressed for the execution of the script `./myscript` only?

- A. `unset -v FOOBAR;./myscript`
- B. `set -a FOOBAR="";./myscript`
- C. `env -u FOOBAR./myscript`
- D. `env -i FOOBAR./myscript`

Answer: C

QUESTION 86

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

QUESTION 87

Which of the following crontab entries will execute `myscript` at 30 minutes past every hour on Sundays?

- A. `0 * * * 30 myscript`
- B. `30 * * * 6 myscript`
- C. `30 0 * * 0 myscript`
- D. `30 0-23 * * 0 myscript`

E. 0 0-23 * * 30 mysript

Answer: D

QUESTION 88

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

QUESTION 89

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

QUESTION 90

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.)

Answer:
/etc/cron.allow

QUESTION 91

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

QUESTION 92

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

Answer:
groupadd, /usr/sbin/groupadd

QUESTION 93

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

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

Answer: C

QUESTION 94

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

QUESTION 95

What output will the following command produce?

```
seq 1 5 20
```

- A. 1
6
11
16
- B. 1
5
10
15
- C. 1
2
3
4
- D. 2
3
4
5
- E. 5
10
15
20

Answer: A

QUESTION 96

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

QUESTION 97

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

QUESTION 98

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

QUESTION 99

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

QUESTION 100

What command displays all aliases defined in the current shell? (Specify the command without any path information.)

Answer:
alias, alias -p

QUESTION 101

Which of the following are requirements in order to run a shell script like a regular command from anywhere in the filesystem? (Choose THREE correct answers.)

- A. The user issuing the command must be in the group script.
- B. The script file must be found in the \$PATH.

- C. The script file must have the executable permission bit set.
- D. The script must begin with a shebang-line (#!) that points to the correct interpreter.
- E. The file system on which the script resides must be mounted with the option scripts.

Answer: BCD

QUESTION 102

Which file used by XDM specifies the default wallpaper?

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

Answer: A

QUESTION 103

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.)

Answer:

/usr/bin/xwininfo, xwininfo

QUESTION 104

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

QUESTION 105

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

Answer:

/etc/sudoers

QUESTION 106

Which file contains a set of services and hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Specify the full name of the file, including path.)

Answer:

/etc/hosts.allow

QUESTION 107

Which of the following commands preloads and manages keys that are used for automatic authentication while logging in to other machines using SSH?

- A. sshd
- B. ssh-agent
- C. ssh-keygen
- D. ssh-add

Answer: B

QUESTION 108

What is a purpose of an SSH host key?

- A. It must be sent by any SSH client in addition to a user key in order to identify the client's host.
- B. It provides the server's identity information to connecting SSH clients.
- C. It is the root key by which all user SSH keys must be signed.
- D. It authenticates any user that logs into a remote machine from the key's host.
- E. It is used by system services like cron, syslog or a backup job to automatically connect to remote hosts.

Answer: B

QUESTION 109

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

QUESTION 110

On a Linux system with shadow passwords enabled, which file in the file system contains the password hashes of all local users? (Specify the full name of the file, including path.)

Answer:

/etc/shadow

QUESTION 111

Which of the following commands connects to the remote host example.com which has OpenSSH listening on TCP port 2222? (Choose TWO correct answers.)

- A. ssh --port 2222 example.com
- B. ssh -p 2222 example.com
- C. ssh -o Port=2222 example.com
- D. ssh -o GatewayPort=2222 example.com
- E. ssh example.com:2222

Answer: BC

QUESTION 112

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

QUESTION 113

When the command `echo $` outputs 1, which of the following statements is true?

- A. It is the process ID of the echo command.
- B. It is the process ID of the current shell.
- C. It is the exit value of the command executed immediately before echo.
- D. It is the exit value of the echo command.

Answer: C

QUESTION 114

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.)

Answer:

server

QUESTION 115

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.)

Answer:

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

QUESTION 116

Which of the following tasks can be accomplished using the command `date`? (Choose TWO correct answers.)

- A. Synchronize the hardware and system clocks.
- B. Output date and time in different formats.
- C. Set the system clock.
- D. Set the hardware clock.
- E. Update the time via NTP.

Answer: BC

QUESTION 117

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

- A. local7
- B. mail

- C. advanced
- D. postmaster
- E. remote

Answer: AB

QUESTION 118

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

QUESTION 119

Which file inside the CUPS configuration directory contains the definition of the printers?

- A. cups-devices.conf
- B. snmp.conf
- C. printcap.conf
- D. printers.conf
- E. cupsd.conf

Answer: D

QUESTION 120

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

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