

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

alias, alias -p

#### NEW QUESTION 2

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 3

- (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 4

- (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 5

- (Exam Topic 1)

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

#### 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 2)

What is the default name of the configuration file for the Xorg X11 server? (Specify the file name only without any path.)

- A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

xorg.conf

#### NEW QUESTION 8

- (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 9

- (Exam Topic 3)

A user was not given permission to use the CRON scheduling system. What file needs to be modified to provide that access? (Please specify the full path to the file)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

/etc/cron.allow

#### NEW QUESTION 10

- (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 10

- (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 14

- (Exam Topic 3)

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

- A. Add the user name to /etc/nologin.
- B. Change the user's password.
- C. Change the user name in /etc/passwd.
- D. Use change to expire the user account.
- E. Place the command logout in the user's profile.

**Answer:** D

#### NEW QUESTION 17

- (Exam Topic 3)

What command will display the group names and GIDs to which a user belongs? (Provide only the command name with or without path information)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

id, /usr/bin/id

#### NEW QUESTION 20

- (Exam Topic 3)

Where are user specific crontabs stored?

- A. In the database file /etc/crontab.db which is shared by all users.
- B. As individual per-user files within /var/spool/cron.
- C. As individual per-user files in /etc/cron.user.d.
- D. In the .crontab file in the user's home directory.
- E. In the file /var/cron/user-crontab which is shared by all users.

**Answer:** B

#### NEW QUESTION 25

- (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 27

- (Exam Topic 3)

What is true regarding the command `userdel --force --remove bob`? (Choose TWO correct answers.)

- A. The user bob is removed from the system's user database.
- B. The user bob's home directory is removed.
- C. The locate database is updated to drop files owned by bob.
- D. All files owned by bob are remove from all mounted filesystems.
- E. In case bob was the last member of a group, that group is deleted.

**Answer:** AB

#### NEW QUESTION 29

- (Exam Topic 3)

The \_\_\_\_\_ command is used to add a group to the system.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

`groupadd, /usr/sbin/groupadd`

#### NEW QUESTION 33

- (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 36

- (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 39

- (Exam Topic 3)

Which of the following commands can remove a user from a group?

- A. grouprm
- B. groupmod
- C. passwd
- D. usergroups
- E. usermod

**Answer:** E

#### NEW QUESTION 40

- (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 41

- (Exam Topic 4)

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

#### NEW QUESTION 43

- (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 48

- (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 52

- (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 54

- (Exam Topic 4)

What is true about the ntpdate command?

- A. It is the primary management command for the NTP time server.
- B. It updates the local system's date (i.
- C. day, month and year) but not the time (i.
- D. hours, minutes, seconds).
- E. It queries one or more NTP time servers and adjusts the system time accordingly.
- F. It sends the local system time to one or many remote NTP time servers for redistribution.
- G. It can be used by any user to set the user clock independently of the system clock.

**Answer:** C

#### NEW QUESTION 57

- (Exam Topic 5)

Which of the following details is NOT provided in any output from the netstat utility?

- A. broadcast services
- B. interface statistics
- C. masquerading connections
- D. network connections
- E. routing tables

**Answer:** A

#### NEW QUESTION 61

- (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 65

- (Exam Topic 5)

Which of the following is a valid IPv6 address?

- A. 2001:db8:3241::1
- B. 2001::db8:4581::1
- C. 2001:db8:0g41::1
- D. 2001%db8%9990%%1
- E. 2001.db8.819f..1

**Answer:** A

#### NEW QUESTION 67

- (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 70

- (Exam Topic 5)

Which of the following keywords can be used in the file /etc/nsswitch.conf to specify a source for host name lookups? (Choose TWO correct answers.)

- A. resolv
- B. dns
- C. remote
- D. files
- E. hosts

**Answer:** BD

#### NEW QUESTION 71

- (Exam Topic 5)

Which of the following IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose THREE correct answers.)

- A. 127.0.0.0/8
- B. 10.0.0.0/8
- C. 169.255.0.0/16

D. 172.16.0.0/12  
E. 192.168.0.0/16

**Answer:** BDE

#### NEW QUESTION 75

- (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 78

- (Exam Topic 6)

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

#### NEW QUESTION 80

- (Exam Topic 6)

In an xinetd configuration file, which attribute specifies the network address that will be used to provide the service?

A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**  
bind, interface

#### NEW QUESTION 82

- (Exam Topic 6)

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.)

A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**  
/etc/shadow

#### NEW QUESTION 83

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