

102-500 Dumps

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

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NEW QUESTION 1

- (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 2

- (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 3

- (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 4

- (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 5

- (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 6

- (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 7

- (Exam Topic 1)

When the command `echo $$` outputs 12942, what is the meaning of 12942?

- A. It is the process ID of the echo command.
- B. It is the process ID of the current shell.
- C. It is the process ID of the last command executed.
- D. It is the process ID of the last command which has been placed in the background.

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

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

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)

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 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 11

- (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 14

- (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 18

- (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 20

- (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 23

- (Exam Topic 3)

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 myscript

Answer: D

NEW QUESTION 24

- (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 27

- (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 31

- (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 34

- (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 37

- (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 42

- (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 45

- (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 removed from all mounted filesystems.
- E. In case bob was the last member of a group, that group is deleted.

Answer: AB

NEW QUESTION 48

- (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 49

- (Exam Topic 3)

Which file contains the date of the last change of a user's password?

- A. /etc/gshadow
- B. /etc/passwd
- C. /etc/pwdlog
- D. /etc/shadow
- E. /var/log/shadow

Answer: D

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 56

- (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 59

- (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 64

- (Exam Topic 4)

To exclude all log messages of a given logging facility, you should use a logging priority of _____.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

none

NEW QUESTION 68

- (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 72

- (Exam Topic 4)

You need to pause the CUPS printer HPLaserjet4, and you want to cancel all print jobs with a message, "hello". Which command will do this?

- A. cupsreject -c -r hello HPLaserjet4
- B. cupsreject -p -m hello HPLaserjet4
- C. cupsdisable -c -r hello HPLaserjet4
- D. cupsdisable -p -m hello HPLaserjet4

Answer: C

NEW QUESTION 77

- (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 80

- (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 83

- (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 85

- (Exam Topic 4)

Which command is used to sync the hardware clock to the system clock? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

hwclock, /sbin/hwclock, /usr/sbin/hwclock

NEW QUESTION 86

- (Exam Topic 4)

What is pool.ntp.org?

- A. A deprecated feature for maintaining system time in the Linux kernel
- B. A website which provides binary and source packages for the OpenNTPD project
- C. A virtual cluster of various timeservers
- D. A community website used to discuss the localization of Linux

Answer: C

NEW QUESTION 91

- (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 95

- (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 97

- (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 101

- (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 106

- (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 111

- (Exam Topic 5) What is true regarding a default route?

- A. The default route is always used first.
- B. When the default route is not available more specific routes are tried.
- C. When a default route is set, all other routes are disabled until the default route is deleted.
- D. The default route is only used if there is not a more specific route to a destination host or network.
- E. Without a default route, no network communication even in directly attached networks is possible.

Answer: C

NEW QUESTION 114

- (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 118

- (Exam Topic 5)

What is the command to delete the default gateway from the system IP routing table? (Choose TWO correct answers.)

- A. route del default
- B. ifconfig unset default
- C. netstat -r default
- D. ip route del default
- E. sysctl ipv4.default_gw=0

Answer: AD

NEW QUESTION 122

- (Exam Topic 5)

Which of the following is true about IPv6?

- A. With IPv6, the TCP port numbers of most services have changed.
- B. IPv6 no longer supports broadcast addresses.
- C. IPv4 addresses can be used without any change with IPv6.
- D. IPv6 no longer supports multicast addresses.
- E. For IPv6, UDP and TCP have been replaced by the Rapid Transmission Protocol RTP.

Answer: B

NEW QUESTION 123

- (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 124

- (Exam Topic 5)

Which command is used to set the hostname of the local system? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

hostname

NEW QUESTION 129

- (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 130

- (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 132

- (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 136

- (Exam Topic 5)

Which of the following lines are valid in the file /etc/hosts? (Choose TWO correct answers.)

- A. 2001:db8::15 www.example.com www
- B. www.example.com www 203.0.13.15
- C. 203.0.113.15 www.example.com www

- D. www.example.com,www 203.0.13.15,2001:db8::15
- E. 2003.0.113.15,2001:db8::15 www.example.com www

Answer: AC

NEW QUESTION 141

- (Exam Topic 6)

Which of the following programs uses the hosts.allow file to perform its main task of checking for access control restrictions to system services?

- A. tcpd
- B. inetd
- C. fingerd
- D. mountd
- E. xinetd

Answer: A

NEW QUESTION 143

- (Exam Topic 6)

Which configuration file would be edited to change the default options for outbound SSH sessions?

- A. /etc/ssh/sshd_config
- B. /etc/ssh/ssh
- C. /etc/ssh/client
- D. /etc/ssh/ssh_config
- E. /etc/ssh/ssh_client

Answer: D

NEW QUESTION 146

- (Exam Topic 6)

What argument to the -type option of find will match files that are symbolic links? (Specify only the argument and no other options or words.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

l

NEW QUESTION 148

- (Exam Topic 6)

Which configuration file would be edited to change default options for the OpenSSH server?

- A. /etc/ssh/sshd_config
- B. /etc/ssh/ssh
- C. /etc/ssh/server
- D. /etc/ssh/ssh_config
- E. /etc/ssh/ssh_server

Answer: A

NEW QUESTION 149

- (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 154

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