LPI

Exam Questions 102-500

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

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)
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 3
- (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 4
- (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 5
- (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 6
- (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 7

- (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 8
- (Exam Topic 2)
What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
xdm

NEW QUESTION 9
- (Exam Topic 2)
Which of the following are tasks handled by a display manager like XDM or KDM? (Choose TWO correct answers.)

A. Start and prepare the desktop environment for the user.
B. Configure additional devices like new monitors or projectors when they are attached.
C. Handle the login of a user.
D. Lock the screen when the user was inactive for a configurable amount of time.
E. Create an X11 configuration file for the current graphic devices and monitors.

Answer: AC

NEW QUESTION 10
- (Exam Topic 3)
Which TWO statements about crontab are true?

A. Every user may have their own crontab.
B. Changing a crontab requires a reload/restart of the cron daemon.
C. The cron daemon reloads crontab files automatically when necessary.
D. hourly is the same as "0 * * * *".
E. A cron daemon must run for each existing crontab.

Answer: AC

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 11
- (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 15
- (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 18
- (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 22
- (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 23
- (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 24
- (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 27
- (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 28
- (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 33
- (Exam Topic 4)
Which of the following is a legacy program provided by CUPS for sending files to the printer queues on the command line?

A. lpd
B. lpp
C. lpq
D. lpr

Answer: D

NEW QUESTION 38
- (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 42
- (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 44
- (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 46
- (Exam Topic 4)
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

NEW QUESTION 48
- (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 53
- (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 58
- (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 59
- (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 63
- (Exam Topic 5)
Given the following routing table:

```
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
0.0.0.0         192.168.178.1   0.0.0.0         UG    0      0        0 wlan0
192.168.1.0     0.0.0.0         255.255.255.0   U     0      0        0 eth0
192.168.2.0     192.168.1.1     255.255.255.0   U     0      0        0 eth0
192.168.178.0   0.0.0.0         255.255.255.0   U     9      0        0 wlan0
```

How would an outgoing packet to the destination 192.168.2.150 be handled?

A. It would be passed to the default router 192.168.178.1 on wlan0.
B. It would be directly transmitted on the device eth0.
C. It would be passed to the default router 255.255.255.0 on eth0.
D. It would be directly transmitted on the device wlan0.
E. It would be passed to the router 192.168.1.1 on eth0.

Answer: E

NEW QUESTION 67
- (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 72
- (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 75
- (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 80
- (Exam Topic 5)
Which of the following statements is valid in the file /etc/nsswitch.conf?

A. multi on
B. 192.168.168.4 dns-server
C. hosts: files dns
D. include /etc/nsswitch.d/

Answer: C

NEW QUESTION 85
- (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 88
- (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 89
- (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 94
- (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 95
- (Exam Topic 6)
Which command is used to set restrictions on the size of a core file that is created for a user when a program crashes?

A. core
B. edquota

C. ulimit
D. quota

Answer: C

NEW QUESTION 98
- (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 102
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