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 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 commands lists all defined variables and functions within Bash?

A. env
B. set
C. env -a
D. echo $ENV

Answer: B

NEW QUESTION 3
- (Exam Topic 1)
What output will the following command produce? seq 1 5 20

A. 161116
B. 151015
C. 1234
D. 2345
E. 5101520

Answer: A

NEW QUESTION 4
- (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 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)
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 8
- (Exam Topic 1)
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

NEW QUESTION 9
- (Exam Topic 1)
Which directory in /etc is used to keep a sample copy of files and directories for when a new user has a home directory created? (Please provide the full path)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/skel, /etc/skel/

NEW QUESTION 10
- (Exam Topic 1)
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

NEW QUESTION 10
- (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 15
- (Exam Topic 1)
Which command makes the shell variable named VARIABLE visible to subshells?

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

Answer: B

NEW QUESTION 19
- (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 20
- (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 22
- (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 25
- (Exam Topic 2)
X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11

Answer: C

NEW QUESTION 27
- (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 29
- (Exam Topic 2)
Which of the following commands shows the current color depth of the X Server?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11

Answer: C

NEW QUESTION 30
- (Exam Topic 2)
Which of the following lines is an example of a correct setting for the DISPLAY environment variable?

A. hostname:displayname
B. hostname:displaynumber
C. hostname/displayname
D. hostname/displaynumber
E. hostname

Answer: B

NEW QUESTION 31
- (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 36
- (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 39
- (Exam Topic 3)
Which of the following fields are available in both the global /etc/crontab file as well as in user-specific crontab files? (Select TWO correct answers)

A. Year
B. Minute
C. Username
D. Command

Answer: BD

NEW QUESTION 41
- (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 46
- (Exam Topic 3)
Which file specifies the user accounts that can NOT submit jobs via at or batch? (Provide the full path and filename)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/at.deny

NEW QUESTION 49
- (Exam Topic 3)
On a system using shadowed passwords, the most correct permissions for /etc/passwd are _____ and the most correct permissions for /etc/shadow are _____.

A. -rw-r-----, -r--------
B. -rw-r--r--, -r--r--r--
C. -rw-r--r--, -r--------
D. -rw-r--rw-, -r-----r--
E. -rw-------, -r--------

Answer: C

NEW QUESTION 51
- (Exam Topic 3)
Which of the following commands can be used to convert text files in one character encoding to another character encoding?

A. cat
B. convert

C. dd
D. iconv
E. utf2utf

Answer: D

NEW QUESTION 54
- (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 59
- (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 64
- (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 68
- (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 71
- (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 73
- (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 74
- (Exam Topic 3)
Which command can be used to delete a group from a Linux system?

A. groupdel
B. groupmod
C. groups
D. groupedit

Answer: A

NEW QUESTION 75
- (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 76
- (Exam Topic 3)
Each entry in a crontab must end with what character?

A. Tab
B. Space
C. Backslash
D. Newline

Answer: D

NEW QUESTION 78
- (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 82
- (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 83
- (Exam Topic 3)
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

NEW QUESTION 86
- (Exam Topic 3)
Why is /etc/shadow not world readable if the passwords are stored in an encrypted fashion?

A. The encrypted passwords are still subject to brute force attacks.

B. This is just for historical reasons.
C. There is other information in the file that needs to be kept secret.
D. The passwords can be decrypted by anyone with root access.

Answer: A

NEW QUESTION 89
- (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 94
- (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 96
- (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 100
- (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 104
- (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 105
- (Exam Topic 4)
Which of the following is observed and corrected by a NTP client?

A. The skew in time between the system clock and the hardware clock.
B. The skew in time between the system clock and the reference clock.
C. Changes in the time zone of the current computer's location.
D. Adjustments needed to support Daylight Saving Time.

Answer: B

NEW QUESTION 110
- (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 114
- (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 117
- (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 120
- (Exam Topic 4)
What command can be used to generate syslog entries of any facility and priority? (supply just the command name without a path)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
logger

NEW QUESTION 122
- (Exam Topic 4)
On a dual boot system, every time the system is booted back into Linux the time has been set backward by one day. Which of the following commands will correct the problem?

A. date -d '+ 1 day'
B. hwclock --systohc --localtime
C. ntpdate pool.ntp.org
D. time hwclock

Answer: B

NEW QUESTION 124
- (Exam Topic 4)
Please specify the top directory containing the configuration files for the CUPS printing system. (Specify the full path to the directory.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/cups, /etc/cups/

NEW QUESTION 129
- (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 133
- (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 134
- (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 136
- (Exam Topic 5)
Given the following routing table:

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 137
- (Exam Topic 5) What is true regarding a default route?

A. The default route is always used firs
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 142
- (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 143
- (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 148
- (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 151
- (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 156
- (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 160
- (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 162
- (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 166
- (Exam Topic 6)
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.)https://lh3.googleusercontent.com/-5cd-clmKnbk/AAAAAAAAAAI/AAAAAAAAADM/-SXesH19Ido/s4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/hosts.allow

NEW QUESTION 169
- (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 174
- (Exam Topic 6)
When trying to unmount a device it is reported as being busy. Which of the following commands could be used to determine which process is causing this?

A. debug
B. lsof
C. nessus
D. strace
E. traceroute

Answer: B

NEW QUESTION 179
- (Exam Topic 6)
Which directory holds the files that configure the xinetd service when using several configuration files instead of an integrated configuration file? (Specify the full path to the directory.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/xinetd.d/, /etc/xinetd.d

NEW QUESTION 182
- (Exam Topic 6)
Which of the following find commands will print out a list of files owned by root and with the SUID bit set in
/usr?

A. find /usr -uid 0 -perm +4000
B. find -user root +mode +s /usr
C. find -type suid -username root -d /usr
D. find /usr -ls *s* -u root
E. find /usr -suid -perm +4000

Answer: A

NEW QUESTION 187
- (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 189
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