LPI

Exam Questions 102-500

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NEW QUESTION 1
- (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 2
- (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 3
- (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 4
- (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 5
- (Exam Topic 1)
Which of the following is the best way to list all defined shell variables?

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

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)
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 8
- (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 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 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 10
- (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 13
- (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 15
- (Exam Topic 3)
How is the file format of /etc/crontab different from a normal crontab file? (Select TWO correct answers)

A. The /etc/crontab file can specify a year field.
B. A normal crontab file must be installed with the crontab command.
C. A normal crontab file allows for environment variable substitution.
D. The /etc/crontab file has a user field for commands.

Answer: BD

NEW QUESTION 19
- (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 22
- (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 23
- (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 24
- (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 27
- (Exam Topic 4)
Which of the following are syslog facilities? (Choose TWO correct answers.)

A. local7
B. mail
C. advanced
D. postmaster
E. remote

Answer: AB

NEW QUESTION 29
- (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 30
- (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 35
- (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 38
- (Exam Topic 4)
Which of the following commands is used to rotate, compress, and mail system logs?

A. rotatelog
B. striplog
C. syslogd --rotate
D. logrotate
E. logger

Answer: D

NEW QUESTION 41
- (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 44
- (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 45
- (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 47
- (Exam Topic 5)
On a regular users workstation the route command takes a long time before printing out the routing table. Which of the following errors does that indicate?

A. The local routing information may be corrupted and must be re-validated using a routing protocol.
B. One of the routers in the routing table is not available which causes the automatic router failure detection mechanism (ARF-D) to wait for a timeout.
C. There may accidentally be more than one default router in which case a default router election has to be done on the network in order to choose one router as the default.
D. DNS resolution may not be working as route by default tries to resolve names of routers and destinations and may run into a timeout.

Answer: D

NEW QUESTION 48
- (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 52
- (Exam Topic 5)
Which of the following programs can be used to determine the routing path to a given destination?

A. dig
B. netstat
C. ping
D. route
E. traceroute

Answer: E

NEW QUESTION 57
- (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 58
- (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 62
- (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 65
- (Exam Topic 5)
What is true regarding TCP port 23?

A. Port 23 is the well known port for the telnet service which is a plain text protocol that should no longer be used.
B. Port 23 is the well known port for the SSH service which provides secure logins.
C. Port 23 is the well known port for the rlogin service which is SSL secured by default.
D. Port 23 is the well known port for the system login services which are encrypted when the user runs the starttls command in his login shell.

Answer: A

NEW QUESTION 67
- (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 68
- (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 73
- (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 74
- (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 79
- (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 84
- (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 87
- (Exam Topic 6)
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

NEW QUESTION 92
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