

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 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 2

- (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 3

- (Exam Topic 1)

Which command allows you to make a shell variable visible to subshells?

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

Answer: B

NEW QUESTION 4

- (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 5

- (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 6

- (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 7

- (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 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 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 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 15

- (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 16

- (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 20

- (Exam Topic 2)

Why is the xhost program considered dangerous to use?

- A. It makes it difficult to uniquely identify a computer on the network.
- B. It allows easy access to your X server by other users.
- C. It logs sensitive information to syslog.
- D. It makes your computer share network resources without any authentication.
- E. It is a graphical DNS tool with known exploits.

Answer: B

NEW QUESTION 22

- (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 25

- (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 28

- (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 31

- (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 32

- (Exam Topic 2)

Which file used by XDM specifies the default wallpaper?

- A. /etc/X11/xdm/Xsetup
- B. /etc/X11/xdm.conf
- C. /etc/X11/xdm/Defaults
- D. /etc/X11/defaults.conf

Answer: A

NEW QUESTION 36

- (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 40

- (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 44

- (Exam Topic 3)

The correct crontab entry to execute the script chklog three times per month between 3 p.m. and 5 p.m.:

- A. * 3,4,5 1 * * chklog
- B. 3 3,4,5 1 * * chklog
- C. 3 15,16,17 * * * chklog
- D. 0 15,16,17 1 * * chklog
- E. * 15,16,17 1 * * chklog

Answer: D

NEW QUESTION 45

- (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 48

- (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 52

- (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 53

- (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 56

- (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 61

- (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 64

- (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 66

- (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 67

- (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 70

- (Exam Topic 3)

Which environment variable should be set in order to change the time zone for the commands run from within the environment variable's scope? (Specify the variable name only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
TZ

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 76

- (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 80

- (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 85

- (Exam Topic 3)

What is the purpose of the iconv command?

- A. It converts bitmap images from one format to another such as PNG to JPEG.
- B. It verifies that the root directory tree complies to all conventions from the Filesystem Hierarchy Standard (FHS).
- C. It displays additional meta information from icon files ending in .ico.
- D. It changes the mode of an inode in the ext4 file system.
- E. It converts files from one character encoding to another.

Answer: E

NEW QUESTION 87

- (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 92

- (Exam Topic 3)

Which of the following commands should be added to /etc/bash_profile in order to change the language of messages for an internationalized program to Portuguese (pt)?

- A. export LANGUAGE="pt"
- B. export MESSAGE="pt"
- C. export UI_MESSAGES="pt"
- D. export LC_MESSAGES="pt"
- E. export ALL_MESSAGES="pt"

Answer: D

NEW QUESTION 94

- (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 96

- (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 100

- (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 102

- (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 103

- (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 105

- (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 106

- (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 110

- (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 111

- (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 113

- (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 115

- (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 117

- (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 122

- (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 127

- (Exam Topic 4)

Which of the following parameters are used for journalctl to limit the time frame of the output? (Choose TWO correct answers.)

- A. --from=
- B. --since=
- C. --until=
- D. --upto=
- E. --date=

Answer: BC

NEW QUESTION 129

- (Exam Topic 4)

What entry can be added to the syslog.conf file to have all syslog messages generated by a system displayed on 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 133

- (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 134

- (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 137

- (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 142

- (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 144

- (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 148

- (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 150

- (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 155

- (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 159

- (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 163

- (Exam Topic 5)

Which of the following commands will help identify a broken router between the local and the remote machine?

- A. ps
- B. netstat
- C. nslookup
- D. ifconfig
- E. traceroute

Answer: E

NEW QUESTION 166

- (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 170

- (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 172

- (Exam Topic 5)

What of the following can be done by the command ifconfig? (Choose TWO correct answers.)

- A. Set a network interface active or inactive.
- B. Specify the kernel module to be used with a network interface.
- C. Allow regular users to change the network configuration of a network interface.
- D. Change the netmask used on a network interface.
- E. Specify which network services are available on a network interface.

Answer: AD

NEW QUESTION 176

- (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 179

- (Exam Topic 5)

What is the purpose of the nsswitch.conf file?

- A. It is used to configure where the C library looks for system information such as host names and user passwords.
- B. It is used to configure network protocol port numbers such as for HTTP or SMTP.
- C. It is used to configure LDAP authentication services for the local system.
- D. It is used to configure which network services will be turned on during the next system boot.

Answer: A

NEW QUESTION 184

- (Exam Topic 5)

Which port is the default server port for the HTTPS protocol? (Specify the port number using digits.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

443

NEW QUESTION 185

- (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 190

- (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:

|

NEW QUESTION 191

- (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 194

- (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 198

- (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 199

- (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 201

- (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 204

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