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 command displays all aliases defined in the current shell? (Specify the command without any path information)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
alias, alias -p

NEW QUESTION 2
- (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 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)
You are looking into a new script you received from your senior administrator. In the very first line you notice a #! followed by a file path. This indicates that:

A. The file at that location was used to make the script.
B. This script provides identical functionality as the file at that location.
C. This script will self-extract into a file at that location.
D. The program at that location will be used to process the script.

Answer: D

NEW QUESTION 7
- (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 8
- (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 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)
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 10
- (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 12
- (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 13
- (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 16
- (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 19
- (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 24
- (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 28
- (Exam Topic 3)
Which of the following fields can be found in the /etc/group file? (Choose THREE correct answers.)

A. The list of users that belong to the group.
B. The home directory of the group.
C. The name of the group.
D. The description of the group.
E. The password of the group.

Answer: ACE

NEW QUESTION 32
- (Exam Topic 3)
In case neither cron.allow nor cron.deny exist in /etc/, which of the following is true?

A. Without additional configuration, no users may have user specific crontabs.
B. Without additional configuration, all users may have user specific crontabs.
C. The cron daemon will refuse to start and report missing files in the system's logfile.
D. When a user creates a user specific crontab the system administrator must approve it explicitly.

Answer: A

NEW QUESTION 36
- (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 41
- (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 42
- (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 46
- (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 50
- (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 53
- (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 56
- (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 61
- (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 66
- (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 68
- (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 73
- (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 remove from all mounted filesystems.
E. In case bob was the last member of a group, that group is deleted.

Answer: AB

NEW QUESTION 78
- (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 82
- (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 85
- (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)
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 91
- (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 95
- (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 96
- (Exam Topic 3)
What is the main difference between the batch and at commands?

A. The batch command will run multiple times.The at command will only run once.
B. The batch command will run when system load is lo
C. The at command runs at a specific time.
D. The at command reads commands from standard inpu
E. The batch command requires a command line argument.
F. The at command e-mails results to the use
G. The batch command logs results to syslog.

Answer: B

NEW QUESTION 97
- (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 99
- (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 101
- (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 106
- (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 108
- (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 112
- (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 114
- (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 117
- (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 122
- (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 126
- (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 128
- (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 132
- (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)
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 136
- (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 141
- (Exam Topic 4)
What is true about the ntpdate command?

A. It is the primary management command for the NTP time server.
B. It updates the local system's date (i.
C. day, month and year) but not the time (i.
D. hours, minutes, seconds).
E. It queries one or more NTP time servers and adjusts the system time accordingly.
F. It sends the local system time to one or many remote NTP time servers for redistribution.
G. It can be used by any user to set the user clock independently of the system clock.

Answer: C

NEW QUESTION 142
- (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 144
- (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 148
- (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 153
- (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 157
- (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 159
- (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 162
- (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 166
- (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 168
- (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 171
- (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 175
- (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 176
- (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 177
- (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 181
- (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 184
- (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 185
- (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 187
- (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 188
- (Exam Topic 6)
What is a purpose of an SSH host key?

A. It must be sent by any SSH client in addition to a user key in order to identify the client's host.
B. It provides the server's identity information to connecting SSH clients.
C. It is the root key by which all user SSH keys must be signed.
D. It authenticates any user that logs into a remote machine from the key's host.
E. It is used by system services like cron, syslog or a backup job to automatically connect to remote hosts.

Answer: B

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 196
- (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 197
- (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 200
- (Exam Topic 6)
On a Linux system with shadow passwords enabled, which file in the file system contains the password hashes of all local users? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/shadow

NEW QUESTION 205
- (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 207
- (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 211
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