LPI

Exam Questions 102-500

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

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)
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)
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 4
- (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 5
- (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 6
- (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 7
- (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 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)
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 10
- (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 15
- (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 18
- (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 22
- (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 26
- (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 29
- (Exam Topic 2)
The X11 configuration file xorg.conf is grouped into sections. How is the content of the section SectionName associated with that section?

A. It is placed in curly brackets as in Section SectionName { ... }.
B. It is placed between a line containing Section "SectionName" and a line containing EndSection.
C. It is placed between the tags <Section name="SectionName"> and </Section>
D. It is placed after the row [SectionName].
E. It is placed after an initial unindented Section "SectionName" and must be indented by exactly one tab character.

Answer: B

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 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 36
- (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 39
- (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 40
- (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 41
- (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 46
- (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 48
- (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 50
- (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 52
- (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 54
- (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 57
- (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 58
- (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 61
- (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 63
- (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 66
- (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 68
- (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 73
- (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 75
- (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 76
- (Exam Topic 4)
After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to display the status of the printer's queue? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
lpq, /usr/bin/lpq, lpstat, /usr/bin/lpstat

NEW QUESTION 80
- (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 83
- (Exam Topic 4)
What is true regarding the command sendmail?

A. With any MTA, the sendmail command must be run periodically by the cron daemon.
B. All MTAs, including Postfix and Exim, provide a sendmail command.
C. The sendmail command prints the MTAs queue history of which mails have been sent successfully.
D. It is only available when the sendmail MTA is installed.

Answer:

B

NEW QUESTION 87
- (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 92
- (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 94
- (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 96
- (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 100
- (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 102
- (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 104
- (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 106
- (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 110
- (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 114
- (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 118
- (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 122
- (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 125
- (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 127
- (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 131
- (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 135
- (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 137
- (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 138
- (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 143
- (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 148
- (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 153
- (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 154
- (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 158
- (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 163
- (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 167
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