

CompTIA

Exam LX0-102

Linux Part 2

Version: 10.0

[Total Questions: 177]

Topic break down

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Topic 1, Volume A**Question No : 1 - (Topic 1)**

Which of the following describes the Linux ping packet or datagram?

- A. IP packet with a packet type
- B. ICMP packet with a message type
- C. ICMP packet with a payload
- D. UDP datagram with a protocol type
- E. UDP datagram with a payload

Answer: B

Question No : 2 - (Topic 1)

Which of the following configuration files does sudo read when determining if a user is permitted to run applications with root privileges?

- A. /etc/groups
- B. /etc/passwd
- C. /etc/sudoers
- D. /etc/sudo.conf

Answer: C

Question No : 3 CORRECT TEXT - (Topic 1)

An administrator decides to use xinetd instead of inetd. Now, the administrator needs to transfer information from /etc/inetd.conf to another file. What file must be created or edited? (Please specify the full path).

Answer: /ETC/XINETD.CONF

Question No : 4 CORRECT TEXT - (Topic 1)

An administrator can run the _____ command to see active network and UNIX domain socket connections. (Please specify the command with no options or parameters).

Answer: /BIN/NETSTAT, NETSTAT

Question No : 5 - (Topic 1)

When using ssh, which of the following can an administrator do to recover a lost passphrase for a DSA or RSA authentication key?

- A. Run the ssh-keygen command.
- B. Run the ssh --recover command.
- C. A lost passphrase cannot be recovered.
- D. Decrypt the authentication key with gpg.
- E. Decrypt the authentication key with ssh --decrypt.

Answer: C

Question No : 6 - (Topic 1)

The legacy program for sending files to the printer queues from the command line is which of the following?

- A. lpd
- B. lpr
- C. lpq
- D. lpp

Answer: B

Question No : 7 - (Topic 1)

Which of the following statements about crontab are true? (Select TWO).

- 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: A,C

Question No : 8 - (Topic 1)

On a system running the K Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

- A. When KDM starts
- B. When a user's X session exists
- C. When KDM crashes
- D. When X is restarted
- E. When X crashes

Answer: B

Question No : 9 CORRECT TEXT - (Topic 1)

Which file specifies the user accounts can NOT submit jobs via at or batch? (Provide the full path and filename).

Answer: /ETC/AT.DENY

Question No : 10 - (Topic 1)

Which of the following should the permission settings be for /etc/passwd and /etc/shadow?

- A. /etc/passwd. -rw-r--r-- /etc/shadow: -r-----
- B. /etc/passwd. -r----- /etc/shadow: -rw-r--r--
- C. /etc/passwd. -rw-r--r-- /etc/shadow: -rw-r--r--
- D. /etc/passwd. -r----- /etc/shadow: -r-----}

Answer: A

Question No : 11 - (Topic 1)

Which of the following looks like a correct entry in the /etc/hosts file?

- A. localhost 127.0.0.1 localhost.localdomain
- B. localhost.localdomainlocalhost 127.0.0.1
- C. localhostlocalhost.localdomain 127.0.0.1
- D. 127.0.0.1 localhost.localdomainlocalhost
- E. localhost.localdomain 127.0.0.1 localhost

Answer: D

Question No : 12 CORRECT TEXT - (Topic 1)

The command _____ prints a list of email that is currently in the queue waiting for delivery. (Please specify the command with or without path or arguments)

Answer: /USR/BIN/MAILQ, MAILQ

Question No : 13 CORRECT TEXT - (Topic 1)

What word will complete an if statement in bash such as the following: if [-x "\$file"]; then echo \$file _____ (Please provide the missing word only).

Answer: FI

Question No : 14 CORRECT TEXT - (Topic 1)

To slave the NTP daemon to an external source, an administrator needs to modify the _____ variable in the /etc/ntp.conf file.

Answer: SERVER

Question No : 15 - (Topic 1)

Which of the following statements is true regarding the below /etc/resolv.conf file? search example.com 127.0.0.1 208.77.188.166

- A. There is a syntax error.
- B. If DNS queries to the localhost fail, the server 208.77.188.166 will be queried.
- C. example.com will be appended to all host lookups.
- D. The DNS servers at 127.0.0.1 and 208.77.188.166 will be queried in a round robin fashion.
- E. The DNS server with the shortest ping time will be queried first. If the lookup fails, the second server will be queried.

Answer: A

Question No : 16 - (Topic 1)

Which of the following crontab entries could be used to set the system time at regular intervals?

- A. 1 0 * * * date \$d \$t \$24
- B. 1 0 * * * settime \$d \$t \$24
- C. 1 0 * * * date<ntp1.digex.net
- D. 1 0 * * * /usr/sbin/runcron date <ntp1.digex.net
- E. 1 0 * * * /usr/sbin/ntpdate ntp1.digex.net > /dev/null 2>&1

Answer: E

Question No : 17 - (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. ~default/.bash_profile
- D. /etc/skel/.bashrc
- E. /etc/skel/.bash_profile

Answer: B

Question No : 18 CORRECT TEXT - (Topic 1)

What word is missing from the following SQL statement? updatetablename _____
fieldname='value' where id=909;

Answer: SET, SET

Question No : 19 CORRECT TEXT - (Topic 1)

What is the command to delete the default gateway from the system IP routing table?
(Please specify the complete command with arguments, please no duplicate answers in
this field.)

**Answer: /sbin/iproute del 0.0.0.0, /sbin/iproute del default,
/sbin/route del 0.0.0.0, /sbin/route del default, iproute del 0.0.0.0,
iproute del default, route del 0.0.0.0, route del default**

Question No : 20 - (Topic 1)

By default, which directories contents will be copied to a new user's home directory when
the account is created, passing the -m option to the useradd command?

A. /etc/skel, /etc/skel/

Answer: A

Question No : 21 CORRECT TEXT - (Topic 1)

Please specify the directory containing the configuration files for the CUPS printing system.
(Provide the full path to the directory).

Answer: /etc/cups, /etc/cups/

Question No : 22 - (Topic 1)

Which of the following is the BEST way to temporarily suspend a user's ability to interactively login?

- A. Changing the user's UID.
- B. Changing the user's password.
- C. Changing the user's shell to `/bin/false`.
- D. Removing the user's entry in `/etc/passwd`.
- E. Placing the command `logout` in the user's profile.

Answer: C

Question No : 23 - (Topic 1)

Which of the following commands 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

Question No : 24 - (Topic 1)

The files in the `/etc/skel` directory are used by the:

- A. `pwconv` command
- B. `pwunconv` command
- C. `useradd` command
- D. `passwd` command

Answer: C

Question No : 25 - (Topic 1)

Which of the following commands will print the exit value of the previous command to the screen in bash?

- A. echo \$?
- B. echo \$#
- C. echo \$exit
- D. echo \$status
- E. echo \$&}

Answer: A

Question No : 26 CORRECT TEXT - (Topic 1)

An ISP has given an administrator an IP block for use. The block is 192.168.112.64/26. If the administrator uses the first usable IP for the router that is installed on the network, how many usable IPs are left? (Please enter the number and not a word)

Answer: 61

Question No : 27 - (Topic 1)

Which of the following lines from /etc/X11/xorg.conf indicates that fonts can be found on a font server?

- A. FontPath= server
- B. Fonts "unix:/7100"
- C. FontPath "unix:/7100"
- D. Fonts= server
- E. Fontserver = "servername"

Answer: C

Question No : 28 - (Topic 1)

Which of the following statements are true regarding the below syslog.conf configuration directive? (Select THREE) *.err;kern.notice;auth.notice /dev/console

- A. Severity crit messages from all facilities will be directed to /dev/console
- B. Severity notice messages from the auth facility will be directed to /dev/console
- C. Severity notice messages from the kern facility will be directed to /dev/console