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Exam Code: LX0-102

Exam Name: CompTIA Linux+ [Powered by LPI] Exam 2

Exam A

QUESTION 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 2
Which of the following statements would create a default route using a gateway of 192.168.1.1?

A. netstat -add default gw
B. route default 192.168.1.1
C. ip route default 192.168.1.1
D. route add default gw 192.168.1.1
E. ifconfig default gw 192.168.1.1 eth0

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 3
Which of the following is the purpose of the dig command?

A. To adjust a directory's hidden permissions
B. To search for files on the filesystem
C. To adjust a file's hidden permissions
D. To perform hostname lookups
E. To ping all known hosts on the current subnet

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 4
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 5
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 6
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).

Correct Answer: /etc/cron.allow
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which of the following commands should be added to /etc/bash_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO).

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

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 8
Which of the following 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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 9
Which of the following directories in a user's home contains configuration files and key rings for GPG?

A. ~/gpg.d/
B. ~/.gpg/
C. ~/.gnupg/
D. ~/gnupg/
E. ~/.gpg.d/

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 10
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"

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 11

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

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12
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;

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13
Which of the following configuration files would an administrator edit to change 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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 14
Which of the following bash options will prevent an administrator from overwriting a file with a ">"?

A. set -o safe
B. set -o noglob
C. set -o noclobber
D. set -o append
E. set -o nooverwrite

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 15
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)

Correct Answer: 61
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
All of the following are Mail Transport Agents EXCEPT:

A. exim
B. postfix
C. sendmail
D. qmail
E. mail

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 17
An administrator is configuring a secured webserver, however connecting to https://127.0.0.1 is not working. The administrator runs netstat -ntl, which returns the following output:
tcp 0 0 0.0.0.0:80 0.0.0.0:* LISTEN

What port should be listening before a successful connection is possible? (Provide only the numerical value of the port).

Correct Answer: 443
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Which protocol uses two (2) TCP/IP ports one of them being port 20 for data transfer? (Please do not enter duplicate answers in this field.)

Correct Answer: ftp
Section: (none)
Explanation

QUESTION 19
An administrator can run the _____ command to see active network and UNIX domain socket connections.
(Please specify the command with no options or parameters).

Correct Answer: netstat
Section: (none)
Explanation

QUESTION 20
An administrator needs to sync the hardware clock, which is on GMT, with the system clock, which the
administrator just updated with NTP. To do this, complete the following command: _____ - u --systohc

Correct Answer: hwclock
Section: (none)
Explanation

QUESTION 21
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

Correct Answer: A
Section: (none)
Explanation

QUESTION 22
An administrator has added the following line to /etc/inittab in order to disable the ability to reboot a Debian
system by pressing the Control + Alt + Delete keys simultaneously:
ca:12345:_____:/bin/echo "Rebooting disabled" Please provide the missing string.

Correct Answer: ctrlaltdel
Section: (none)
Explanation

QUESTION 23
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).

Correct Answer: /etc/xinetd.conf
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
In the following command and its output, echo $$ 12942 which of the following is 12942?

A. The process ID of the echo command.
B. The process ID of the current shell.
C. The process ID of the last command executed.
D. The process ID of the last backgrounded command.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 25
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 $&}

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 26
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.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 27
An administrator wants to determine the geometry of a particular window in X, so the administrator issues the _____ -metric command and then clicks on the window. (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: xwininfo
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
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)

Correct Answer: mailq
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
To slave the NTP daemon to an external source, an administrator needs to modify the _____ variable in the /etc/ntp.conf file.

Correct Answer: server
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following commands is used to deactivate a network interface?

A. ifdown
B. ipdown
C. net
D. netdown

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 31
Which of the following looks like a correct entry in the /etc/hosts file?

A. localhost 127.0.0.1 localhost.localdomain
B. localhost.localdomain localhost 127.0.0.1
C. localhost localhost.localdomain 127.0.0.1
D. 127.0.0.1 localhost.localdomain localhost
E. localhost.localdomain 127.0.0.1 localhost

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 32
Which of the following lines would an administrator find in the file /etc/resolv.conf?

A. order hosts,bind
B. 192.168.168.4 dns-server
C. hosts: files,dns
D. domain mycompany.com

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 33
Which of the following find commands will print out a list of suid root files 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 34
Which of the following commands will provide locale-specific information about a system and its environment?

A. loconfig
B. getlocale
C. locale
D. tzconfig
E. tzselect

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 35
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--------

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 36
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 37
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?

Correct Answer: /etc/skel
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
Suppose that the command netstat -a hangs for a long time without producing output. An administrator might suspect:

A. a problem with NFS
B. a problem with DNS
C. a problem with NIS
D. a problem with routing
E. that the netstat daemon has crashed

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 39
Please specify the directory containing the configuration files for the CUPS printing system. (Provide the full path to the directory).

Correct Answer: /etc/cups
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Which of the following statements are true regarding the below syslog.conf configuration directive?
*.err;kern.notice;auth.notice /dev/console

(Select THREE)

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
D. Severity err messages from the mail facility will be directed /dev/console
E. Severity notice messages from all facilities will be directed to /dev/console

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 41
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 42
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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
To test a shell script called myscript, the environment variable FOOBAR must be removed temporarily. How can this be done?

A. unset -v FOOBAR
B. set -a FOOBAR=""
C. env -u FOOBAR myscript
D. env -i FOOBAR myscript

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 44
Which of the following commands is used to display user resource limits?

A. uname
B. limit -a
C. usrlmt
D. ulimit

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 45
Which of the following lines would an administrator find in the file /etc/nsswitch.conf?

A. order hosts,bind
B. 192.168.168.4 dns-server
C. hosts: files dns

D. domain mycompany.com

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 46
Which of the following commands can an administrator use to change a user's password expiry information?
(Select THREE).

A. usermod
B. passwd
C. chattr
D. chage
E. chsh

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 47
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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 48
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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Which of the following outputs will the below command produce?
seq 1 5 20

A. 1
    6
    11
    16
B. 1
    5
    10
    15
C. 1
    2
    3
    4
D. 2
    3
    4
    5
E. 5
    10
    15
    20

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 52
Which of the following entries can an administrator add to syslog.conf file to have all syslog messages generated by the administrator 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 53
The _____ command is used to add a group to the system. (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: groupadd
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
An administrator has just set up the X Display Manager as the default display manager. Which of the following files should be edited to change the default background for it?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/prefdm
C. /etc/X11/xorg.conf
D. /etc/X11/xdm.conf

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 55
What word is missing from the following SQL statement? update tablename _____ fieldname='value' where id=909;

Correct Answer: SET
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
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.)

Correct Answer: route del default gw
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
An administrator is running an email server configured with the default settings. In which directory will the administrator commonly find the delivered mail for the user foo?

A. /var/spool/mail
B. /home/foo/mail
C. /var/mail/spool
D. /var/users/mail

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 58
For accessibility assistance, which of the following programs is an on-screen keyboard?

A. xkb
B. atkb
C. GOK
D. xOSK

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 59
What word is missing from the following SQL statement? select count(*) _____ tablename;

Correct Answer: FROM
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which option, when passed to the gpg command, will enter an interactive menu enabling the user to perform key management related tasks? (Provide only one option).

Correct Answer: --edit-key
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
All of the following are contained in the locale setting of the operating system EXCEPT:

A. currency symbol
B. language
C. timezone
D. thousands separator

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 62
An administrator discovers a pending job for the at command. Which of the following does the administrator need to use to remove it?

A. atrm
B. atq -r
C. at -e
D. rmat

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 63
A French user has installed the French language pack, but currencies are still being displayed with a leading '$' sign in spreadsheets. Which of the following 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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 64

An administrator has a user whose account needs to be disabled but not removed. Which of the following should the administrator do?

A. Edit /etc/gshadow and just remove the user name. and just remove the user? name.

B. Edit /etc/passwd and change all numbers to 0.

C. Edit /etc/shadow and remove the last field.

D. Edit /etc/passwd and insert an * after the first : .

E. Edit /etc/group file and put a # sign in front of the user name. sign in front of the user? name.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 65

An administrator suspects that a gateway machine on their network has failed; the administrator is unsure which machine is the problem. Which of the following commands will help locate the problem machine?

A. ps

B. netstat

C. nslookup

D. ifconfig

E. traceroute

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 66

While performing a security audit, an administrator discovers that a machine is accepting connections on TCP port 184, but it is not obvious which process has the port open. Which of the following programs should the administrator use to find out?

A. traceroute

B. strace

C. debug

D. nessus

E. lsof

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 67
An administrator wants to temporarily prevent users from logging in. Please complete the following command:
touch /etc/_____

Correct Answer: nologin
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
An administrator needs to pause the CUPS printer Laserjet4, and wants to cancel all print jobs with a message, "hello". Which of the following commands will do this?

A. cupsreject -c -r hello Laserjet4
B. cupsreject -p -m hello Laserjet4
C. cupsdisable -c -r hello Laserjet4
D. cupsdisable -p -m hello Laserjet4

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 69
To prevent a specific user from scheduling tasks with at, which of the following should the administrator do?

A. Add the specific user to /etc/at.allow file.
B. Add the specific user to [deny] section in the /etc/atd.conf file.
C. Add the specific user to /etc/at.deny file.
D. Add the specific user to nojobs group.
E. Run the following: atd --deny [user].

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 70
Which of the following commands would an administrator use to create an OpenSSH authentication key?

A. sshd
B. ssh-agent

C. ssh-keygen

D. ssh-add

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 71
An administrator is logged in as root. What command should the administrator run to find out what groups user bruno belongs to?

Correct Answer: groups bruno
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
Which of the following can the chage command **NOT** change?

A. The number of days since January 1, 1970 on which the user account will no longer be accessible.

B. The number of days since January 1, 1970 when the password can change.

C. The number of days since January 1st, 1970 when 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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
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 print the status of the printer's queue? (Provide only the command, without any options or parameters).

Correct Answer: lpq
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
Which of the following benefits does an alias provide?

A. It provides faster lookups for commands.

B. It prevents having to type long commands

C. It hides from others the command that is being run.

D. It creates a local copy of a file from another directory.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 75
Which of the following is the BEST way to list all defined shell variables?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 76
All of the following information is provided in any output from the netstat utility **EXCEPT**:

A. broadcast services
B. interface statistics
C. masquerading connections
D. network connections
E. routing tables

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 77
On a system using shadowed passwords, the correct permissions for /etc/passwd are ___ and the 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--------

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 78
Which of the following Class B IPv4 networks are reserved by IANA for private address assignment and private routing? (Select TWO).

A. 128.0.0.0
B. 169.16.0.0
C. 169.254.0.0
D. 172.16.0.0
E. 172.20.0.0

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 79
The correct crontab entry to execute the script chklog once per hour between 3 p.m. and 5 p.m. on Monday and Thursday each week is, which of the following?

A. 0 3,4,5 * * 2,5 chklog
B. 0 3,4,5 * * 1,4 chklog
C. 0 15,16,17 * * 1,4 chklog
D. 0 15,16,17 1,4 * * chklog
E. * 15,16,17 * * 1,4 chklog

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 80
Which of the following commands allows an administrator to make a shell variable visible to subshells?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 81
When attempting to send a file to another user securely with GPG, which of the following actions must be done?

A. Encrypt the file using your public key.
B. Encrypt the file using their public key.
C. Encrypt the file using your private key.
D. Encrypt the file using their private key.
E. Sign the file with your public key.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
Which IP protocol is connectionless and unreliable? (Please enter only a single answer and do not enter duplicate answers in this field.)

Correct Answer: udp
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
In xorg.conf, which of the following sections is concerned with fonts?

A. The Fonts section
B. The Files section
C. The xfsCodes section
D. The Graphics section
E. The modeline section

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 84
In an xinetd config file, what attribute specifies the network address that will be used to offer the service? (Please enter only one answer and do not enter duplicate answers in this field.)

Correct Answer: bind -or- interface
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Which of the following outputs will the below 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 86
The _____ command is used to print the network connections, routing tables, and interface statistics.
(Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: netstat
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
X is running okay but an administrator is concerned that the correct color depth set is not configured. Which of
the following commands will show the administrator the running color depth while in X?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 88
Which of the following words is used to restrict the records that are returned from a SELECT query based on

supplied criteria for the values in the records?

A. LIMIT
B. FROM
C. WHERE
D. IF

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 89
Which of the following outputs will the command seq 10 produce?

A. A continuous stream of numbers increasing in increments of 10 until stopped.
B. The numbers 1 through 10 with one number per line.
C. The numbers 0 though 9 with one number per line.
D. The number 10 to standard output.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 90
The _____ command is used to assign an IP address to a device. (Please specify a single command with or without path information)

Correct Answer: ifconfig
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
Which of the following is the purpose of the Sticky Keys feature in X?

A. To assist users who have difficulty holding down multiple keys at once
B. To prevent repeated input of a single character if the key is held down
C. To ignore brief keystrokes according to a specified time limit
D. To repeat the input of a single character

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 92

Which of the following commands can be used to activate a specific network interface?

A. ipup
B. net
C. ifup
D. netup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 93
An administrator is looking into a new script that they have just received from a senior administrator. In the very first line the administrator notices a #! followed by a path to a binary.
Linux will:

A. ignore the script.
B. use that binary to interpret the script.
C. use that binary to compile the script.
D. be replaced by that binary.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 94
Which of the following commands should be used to print a listing of emails in the system's mail queue?

A. sendmail -l
B. lpq
C. mailq
D. mlq

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 95
Given the following line from /etc/nsswitch.conf:
hosts: files mdns4_minimal [NOTFOUND=return] dns mdns4

By default, which file will be queried first for hostname lookups? (Provide the full path and filename).

Correct Answer: /etc/hosts
Section: (none)
Explanation

QUESTION 96
What command can be used to generate log entries of any facility and priority? (Supply just the command name without a path).

Correct Answer: logger
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
Each entry in a crontab must end with which of the following characters?

A. tab
B. space
C. backslash
D. newline

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 98
To exclude all log messages of a given logging facility, an administrator should use a logging priority of _____ .

Correct Answer: none
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
A department decided to change the Gnome Display Manager's greeting. Which of the following configuration files should an administrator edit?

A. /etc/gnome/greeting
B. /opt/gnome/share/greeting
C. /etc/X11/gmd.conf
D. /etc/X11/gdm/Init/Default

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 100
Which of the following are commonly used Mail Transfer Agent (MTA) applications? (Select THREE).

A. postfix

B. procmail

C. sendmail

D. exim

E. smtpd

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 101
Which file lists which users can execute commands using sudo? (Provide the full path and filename).

Correct Answer: /etc/sudoers
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
Which file contains a list of services and hosts that will be denied by a TCP Wrapper such as tcpd? (Please enter the full path).

Correct Answer: /etc/hosts.deny
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
On a dual boot system, every time the system is booted back into Linux the time has been set backward by two hours. Which of the following commands will correct the problem so it will not occur again?

A. ntpdate pool.ntp.org

B. date -d 'two hours'

C. hwclock --hctosys --localtime

D. time hwclock

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 104
Which of the following files, 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. /etc/mail/forwarders

C. ~/.alias

D. ~/.forward

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 105
A senior executive asked an administrator to change the default background of the executive's machine, which uses XDM. Which of the following files would the administrator edit to achieve this?

A. /etc/X11/xdm/Xsetup

B. /etc/X11/xdm.conf

C. /etc/X11/xdm/Defaults

D. /etc/X11/defaults.conf

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

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QUESTION 106
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).

Correct Answer: fi
Section: (none)
Explanation

Explanation/Reference:

QUESTION 107
Which file specifies the user accounts can NOT submit jobs via at or batch? (Provide the full path and filename).

Correct Answer: /etc/at.deny
Section: (none)
Explanation

Explanation/Reference:

QUESTION 108
What argument to the -name flag of find will match files or directories beginning with a '.' (period)?

Correct Answer: .*
Section: (none)
Explanation

Explanation/Reference: