CompTIA by Test-king

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

Version   14.0

Sections
1. Shells, Scripting and Data Management
2. User Interfaces and Desktops
3. Administrative Tasks
4. Essential System Services
5. Networking Fundamentals
6. Security

Exam A

QUESTION 1
Which of the following are operators used for comparisons by the test command? (Choose TWO correct answers.)

A. equals
B. =
C. -is
D. -eq
E. null

Correct Answer: BD
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 2
Which of the following commands creates a function in Bash that outputs the sum of two numbers?

A. function sumitup { echo $(($1 + $2)) ; }
B. command sumitup { echo $(($1 + $2)) ; }
C. function sumitup { echo $1 + $2 ; }
D. method sumitup { echo $1 + $2 ; }
E. command sumitup { echo $1 + $2 ; }

Correct Answer: A
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 3
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

Correct Answer: A
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 4
When the command echo $? outputs 1, which of the following statements are 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.

Correct Answer: C
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 5
What output 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 through 9 with one number per line.
D. The number 10 to standard output.

Correct Answer: B
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 6
After issuing:

function myfunction { echo $1 $2 ; }

in Bash, which output does:

myfunction A B C

Produce?

A. A B
B. A B C
C. A C
D. B C
E. C B A

Correct Answer: A
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 7
Which of the following commands puts the output of the command date into the shell variable mydate?

A. mydate="$(date)"

B. mydate="exec date"
C. mydate="$((date))"
D. mydate="date"
E. mydate="${date}"

Correct Answer: A
Section: Shells, Scripting and Data Management
Explanation

Explanation/Reference:

QUESTION 8
What 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: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 9
What is the purpose of the xhost program?

A. Grant or revoke access to a X11 session.
B. Install all packages and video drivers required to run X11 on a host.
C. Start the X11 server and announce its availability within the local network.
D. Send informational messages to all users logged into a host using X11.
E. Display the MOTD and other important information when a user logs in via X11.

Correct Answer: A
Section: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 10
What of the following statements is true regarding a display manager?

A. A display manager handles remote X11 logins only and has no purpose on a system that is not attached to a network.
B. The display manager is configured in the X11 configuration file xorg.conf.
C. There is only one display manager X11DM that must be started on all systems running X11.
D. After system startup, the display manager handles the login of a user.
E. Without a display manager, no graphical programs can be run.

Correct Answer: D
Section: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 11
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.

Correct Answer: B
Section: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 12
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

Correct Answer: C
Section: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 13
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: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 14
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.

Correct Answer: AC
Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 15
Which of the following commands can modify or set the password expiration for a user? (Choose TWO correct answers.)

A. chage
B. chexpiration
C. shadowconfig
D. passwd
E. userconf

Correct Answer: AD
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 16
Which of the following statements is true regarding the /etc/shadow file?

A. /etc/shadow may not be readable or writable by user root.
B. Only root is allowed to read and write /etc/shadow.
C. All users have full read and write access to /etc/shadow.
D. All users have full read access to /etc/shadow.

Correct Answer: B
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 17
Which of the following commands will convert files from one character encoding to another?

A. convert
B. enc2utf
C. iconv
D. transcode

Correct Answer: C
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 18
Which environment variable will override all LC_* variables?

A. LANG
B. LC_ALL
C. LC_COLLATE
D. LOCALE

Correct Answer: B
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 19
Which of the following actions prevents a specific user from scheduling tasks using at or batch?

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

Correct Answer: C
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 20
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 commands of a batch job run sequentially one after another while the commands in at jobs may run in parallel.
C. The at command reads commands from standard input. The batch command requires a command line argument.
D. The at command e-mails results to the user. The batch command logs results to syslog.

Correct Answer: B
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 21
Why should a regular user edit his personal crontab by using the command crontab instead of just editing his crontab file manually?

A. Because user specific crontab entries are stored in a common database and must be extracted before editing.
B. Because crontab starts the cron daemon in case it is not running due to no other crontab entries existing.
C. Because user specific crontab entries are stored in a special directory which is maintained by the cron daemon and not writable for regular users.
D. Because crontab collects information about all users crontabs and recommends similar commands used by other users of the system.

Correct Answer: C
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 22
What is true about groups in a Linux system? (Choose TWO correct answers.)

A. Each user may be a member of several groups. However, only one group is the user's primary group.
B. Groups may have a password that allows users to join that group temporarily.
C. Each user can only be a member of one group at a time.
D. Group memberships are optional such that there may be users that do not belong to any group.
E. Groups can be nested meaning that one group can be a member of another group.

Correct Answer: AB
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 23
What happens if the password of a user in the /etc/shadow file is prepended with the ! character?

A. When logging in, the user automatically gets root privileges in addition to his regular privileges.
B. The password is inverted which allows the user to log in with any password other than the current password.
C. The user is disabled and all login methods, including but not limited to password based logins, are disabled.
D. Upon the next log in, the user is forced to change his password.
E. The password becomes invalid which disables password based logins although other login methods remain usable.

Correct Answer: E
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 24
Which of the following details can be found in an entry of a user specific crontab? (Choose TWO correct answers.)

A. The verbal description of the job.
B. The syslog facility to where the output of the job should be sent.
C. The time when the cron job should run.
D. The command that should be started by the cron job.
E. The name of the user which should run the job.

Correct Answer: CD
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 25
Each entry in a crontab must end with what character?

A. Tab
B. Space
C. Backslash

D. Newline

Correct Answer: D
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 26
To prevent a specific user from scheduling tasks with at, what 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: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 27
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

Correct Answer: D
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 28
Which of the following files assigns a user to its primary group?

A. /etc/pgroup
B. /etc/shadow
C. /etc/group
D. /etc/passwd
E. /etc/gshadow

Correct Answer: D
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 29
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"

Correct Answer: D
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 30
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

Correct Answer: ABD
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 31
What is not contained in the locale setting of the operating system?

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

Correct Answer: C
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 32
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.

Correct Answer: D
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 33
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.

Correct Answer: AB
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 34
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.

Correct Answer: ACE
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 35
Which file, when using Sendmail or a compatible MTA system, will allow a user to redirect all of 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: Essential System Services
Explanation

Explanation/Reference:

QUESTION 36
Which of the following commands pauses the CUPS printer LaserPrinter?

A. cupsreject LaserPrinter
B. cupsreject -d LaserPrinter
C. cupsdisable -d LaserPrinter
D. cupsdisable LaserPrinter

Correct Answer: D
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 37
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

Correct Answer: ACD
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 38
Which of the following commands lists all queued print jobs?

A. lpd
B. lpr
C. lp
D. lpq

Correct Answer: D
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 39
What is NTP?

A. A more secure protocol replacement for FTP.
B. A protocol for synchronizing time on computers.
C. A routing aid for finding next hops on a network.
D. A simple tunnelling protocol for computers behind firewalls.

Correct Answer: B
Section: Essential System Services
Explanation

QUESTION 40
What is true regarding the time in a Linux system?

A. The BIOS clock of a computer always indicates the current local time and time zone.
B. Each application must convert the Unix time to the current time zone which is usually done by using standard libraries.
C. When the system is on the network, each query for the current time leads to a new network connection to a time server.
D. When the system time changes, running processes must be restarted in order to get the correct time.

Correct Answer: B
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 41
Which of the following is true regarding the mail queue of a mail server? (Choose TWO correct answers.)

A. The messages in the queue must be readable by all users as the queue may contain messages for several users.
B. According to the Filesystem Hierarchy Standard (FHS) the queue is located at /var/mail/spool.
C. There is exactly one mail queue per user which holds all new messages for that user before they are moved to other folders by the user's mail client.
D. The queue holds all messages that are processed by the mail server but have not yet been completely delivered.
E. The content of the mail queue can be queried by the command mailq.

Correct Answer: DE
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 42
Why should an NTP client maintain connections to several NTP servers?

A. To receive NTP information every second as each server transmits NTP pings every five seconds only.
B. To improve the precision of the time by comparing responses from several servers.
C. To not overload the remote server in case the local NTP time cache is not enabled.
D. To not lose contact with all NTP servers in case the client changes networks.

Correct Answer: B
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 43
With syslog, what is a facility?

A. Facilities are different connection interfaces to syslog. Each facility has its own device in /dev/syslog/.
B. From syslog's point of view, each Unix process that issues messages is a facility.

C. Facilities describe the severity of a log message such as emerg or info.
D. When using remote logging, the hostname of the server that generated a message is called facility.
E. Facilities describe categories or groups of messages such as mail or auth.

Correct Answer: E
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 44
Which of the following files holds the configuration for journald when running systemd?

A. /etc/systemd/journalctl.conf
B. /etc/systemd/journald.conf
C. /etc/systemd/systemd-journald.conf
D. /etc/systemd/systemd-journalctl.conf
E. /usr/lib/systemd/journalctl.conf

Correct Answer: B
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 45
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

Correct Answer: D
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 46
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

Correct Answer: A
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 47
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.e. day, month and year) but not the time (i.e. hours, minutes, seconds).
C. It queries one or more NTP time servers and adjusts the system time accordingly.
D. It sends the local system time to one or many remote NTP time servers for redistribution.
E. It can be used by any user to set the user clock independently of the system clock.

Correct Answer: C
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 48
What is true regarding the file ~/.forward?

A. As it is owned by the MTA and not writable by the user, it must be edited using the editaliases command.
B. After editing ~/.forward the user must run newaliases to make the mail server aware of the changes.
C. Using ~/.forward, root may configure any email address whereas all other users may configure only their own addresses.
D. When configured correctly, ~/.forward can be used to forward each incoming mail to more than one other recipient.

Correct Answer: D
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 49
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

Correct Answer: D
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 50
How many bits make up an IPv6 address?

A. 32
B. 48
C. 64
D. 128

E. 256

Correct Answer: D
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 51
Which of the following files is consulted when programs like netstat try to match port numbers to names?

A. /etc/networks
B. /etc/portmapper
C. /etc/protocols
D. /etc/resolv.conf
E. /etc/services

Correct Answer: E
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 52
Which of the following statements is valid in the file /etc/resolv.conf?

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

Correct Answer: D
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 53
What is the purpose of the dig command?

A. It can be used as a tool for querying DNS servers.
B. It can be used for searching through indexed file content.
C. It can be used to look for open ports on a system.
D. It can be used to ping all known hosts on the current subnet.

Correct Answer: A
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 54
When issuing the command ifconfig eth0 192.168.1.20/24 up, which of the following happens? (Choose TWO correct answers.)

A. The address 192.168.1.20 is associated with the interface eth0.

B. A network route to 192.168.1.0 with the netmask 255.255.255.0 pointing directly to eth0 is created.
C. 192.168.1.1 is probed for router functionality and, in case of success, it is added to the list of default routers.
D. The addresses from 192.168.1.20 to 192.168.1.24 are activated on the interface eth0.
E. If eth0 was configured with a previous IP address, it is retained in addition to adding the new address.

Correct Answer: AB
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 55
In order to discover the link layer address of the device that owns a specific IPv4 or IPv6 address, which mechanism is used?

A. Both IPv4 and IPv6 use ARP.
B. Both IPv4 and IPv6 use Neighbor Discovery.
C. IPv4 uses ARP while IPv6 uses Neighbor Discovery.
D. IPv4 uses Neighbor Discovery while IPv6 uses ARP.
E. Both IPv4 and IPv6 can use either ARP or Neighbor Discovery depending on the network.

Correct Answer: C
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 56
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/

Correct Answer: C
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 57
Which of the following IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose THREE correct answers.)

A. 127.0.0.0/8
B. 10.0.0.0/8
C. 169.255.0.0/16
D. 172.16.0.0/12
E. 192.168.0.0/16

Correct Answer: BDE
Section: Networking Fundamentals
Explanation

QUESTION 58
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

Correct Answer: B
Section: Networking Fundamentals
Explanation

QUESTION 59
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

Correct Answer: E
Section: Networking Fundamentals
Explanation

QUESTION 60
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

Correct Answer: A
Section: Networking Fundamentals
Explanation

QUESTION 61
Which of the following keywords can be used in the file /etc/resolv.conf? (Choose TWO correct answers.)

A. substitute
B. nameserver
C. search
D. lookup
E. method

Correct Answer: BC
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 62
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.

Correct Answer: D
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 63
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

Correct Answer: D
Section: Security
Explanation

Explanation/Reference:

QUESTION 64
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: Security
Explanation

Explanation/Reference:

QUESTION 65
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

Correct Answer: C
Section: Security
Explanation

Explanation/Reference:

QUESTION 66
Which configuration file does sudo read when determining if a user is permitted to run applications with root privileges?

A. /etc/security.conf

B. /etc/supasswd

C. /etc/sudoers

D. /etc/sudo.conf

Correct Answer: C
Section: Security
Explanation

Explanation/Reference:

QUESTION 67
Which of the following commands can be used to associate open TCP ports with the processes that opened the ports?

A. ptrace

B. strace

C. debug

D. nessus

E. lsof

Correct Answer: E
Section: Security
Explanation

Explanation/Reference:

QUESTION 68

Which of the following resources can be directly limited for a given user using ulimit? (Choose THREE correct answers.)

A. Maximum seconds of CPU time spent.
B. Maximum number of open file descriptors.
C. Maximum number of processes available.
D. Maximum number of concurrent login sessions.
E. Maximum seconds of login duration per session.

Correct Answer: ABC
Section: Security
Explanation

Explanation/Reference:

QUESTION 69
Depending on the host's configuration, which of the following files can be used to turn on and off network services running on a host? (Choose TWO correct answers.)

A. /etc/profile
B. /etc/services
C. /etc/inetd.conf
D. /etc/xinetd.conf
E. /etc/host.conf

Correct Answer: CD
Section: Security
Explanation

Explanation/Reference:

QUESTION 70
What is true regarding public and private SSH keys? (Choose TWO correct answers.)

A. Several different public keys may be generated for the same private key.
B. The private key must never be revealed to anyone.
C. For each user account, there is exactly one key pair that can be used to log into that account.
D. To maintain the private key's confidentiality, the SSH key pair must be created by its owner.
E. To allow remote logins, the user's private key must be copied to the remote server.

Correct Answer: BD
Section: Security
Explanation

Explanation/Reference:

QUESTION 71
Which of the following commands gets the GnuPG public key with the id 63B4835B from the keyserver example.com?

A. gpg --keyserver hkp://example.com --recv-key 63B4835B
B. gpg --search-key hkp://63B4835B@example.com
C. gpg --keyserver gpg://example.com --get-key 63B4835B
D. gpg --keyserver hkp://example.com --add-key 63B4835B
E. gpg --keyserver gpg://example.com --key 63B4835B

QUESTION 72
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)

QUESTION 73
What word is missing from the following SQL statement? update tablename _____ fieldname='value' where id=909;

(Please specify the missing word using lower_case letters only.)

QUESTION 74
What word is missing from the following SQL statement?

_____ count(*) from tablename;

(Please specify the missing word using lower-case letters only.)

QUESTION 75
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.)

QUESTION 76
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.)

Correct Answer: Answer: /etc/cron.allow
Section: User Interfaces and Desktops
Explanation

Explanation/Reference:

QUESTION 77
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.)

Correct Answer: Answer: /etc/cron.allow
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 78
Which command is used to add an empty group to the system? (Specify ONLY the command without any
path or parameters.)

Correct Answer: Answer: groupadd, /usr/sbin/groupadd
Section: Administrative Tasks
Explanation

Explanation/Reference:

QUESTION 79
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.)

Correct Answer: Answer: mailq, /usr/bin/mailq, sendmail -bp, /usr/sbin/sendmail -bp, /usr/lib/sendmail -bp,
sendmail, /usr/sbin/sendmail, /usr/lib/sendmail
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 80
Please specify the top directory containing the configuration files for the CUPS printing system. (Specify the
full path to the directory.)

Correct Answer: Answer: /etc/cups, /etc/cups/
Section: Essential System Services
Explanation

Explanation/Reference:

QUESTION 81
What is the assigned port number for the HTTP service? (Specify the port number using digits.)

Correct Answer: Answer: 80
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 82
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? (Specify the full name of the file, including path.)

Correct Answer: Answer: /etc/hosts
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 83
What is the name of the file that defines the sources (like DNS or local configuration files) and the order in which they are consulted when resolving hostnames? (Specify the full name of the file, including path.)

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

Explanation/Reference:

QUESTION 84
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.)

Correct Answer: Answer: 14
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 85
Which command, depending on its options, can display the open network connections, the routing tables, as well as network interface statistics. (Specify ONLY the command without any path or parameters.)

Correct Answer: Answer: netstat, /bin/netstat, ss, /usr/bin/ss
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 86
Which port is the default server port for the HTTPS protocol? (Specify the port number using digits.)

Correct Answer: Answer: 443
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 87
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?

Correct Answer: Answer: files
Section: Networking Fundamentals
Explanation

Explanation/Reference:

QUESTION 88
In an xinetd configuration file, which attribute specifies the network address that will be used to provide the service?

Correct Answer: Answer: bind, interface
Section: Security
Explanation

Explanation/Reference:

QUESTION 89
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.)

Correct Answer: Answer: l
Section: Security
Explanation

Explanation/Reference:

QUESTION 90
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.)

Correct Answer: Answer: DISPLAY, $DISPLAY
Section: Security
Explanation

Explanation/Reference: