Linux-Foundation

Exam Questions LFCS

Linux Foundation Certified System Administrator

NEW QUESTION 1
Which of the following sequences in the vi editor saves the opened document and exits the editor?(Choose TWO correct answers.)

A. esc ZZ
B. ctrl :w!
C. esc zz
D. esc :wq!
E. ctrl XX

Answer: AD

NEW QUESTION 2
CORRECT TEXT
In an xinetd configuration file, which attribute specifies the network address that will be used to provide the service?

A.

Answer: bindinterface

NEW QUESTION 3
Which command chain will count the number of regular files with the name of foo.txt within
/home?

A. ls -lR /home | grep foo.txt | wc -l
B. find /home -type f -name foo.txt | wc -l
C. find /home -name foo.txt -count
D. find /home -name foo.txt | wc -l
E. grep -R foo.txt /home | wc -l

Answer: B

NEW QUESTION 4
Which file used by XDM specifies the default wallpaper?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/xdm.conf
C. /etc/X11/xdm/Defaults
D. /etc/X11/defaults.conf

Answer: A

NEW QUESTION 5
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 6
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 7
Which of the following files, located in the user home directory, is used to store the Bash history?

A. bash_history
B. bash_histfile
C. history
D. bashrc_history
E. history_bash

Answer: A

NEW QUESTION 8
CORRECT TEXT
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.

Answer: 14

NEW QUESTION 9
A user accidentally created the subdirectory \dir in his home directory. Which of the following commands will remove that directory?

A. rmdir '~/\dir'
B. rmdir "~/\dir"
C. rmdir ~/'dir'
D. rmdir ~/\dir
E. rmdir ~/\\dir

Answer: E

NEW QUESTION 10
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 10
Which of the following commands can be used to locate programs and their corresponding man pages and configuration files?

A. dirname
B. which
C. basename
D. query
E. whereis

Answer: E

NEW QUESTION 12
Which shell command is used to continue background execution of a suspended command?

A. &
B. bg
C. cont
D. exec
E. :&

Answer: B

NEW QUESTION 16
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

Answer: A

NEW QUESTION 18
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 21
Which type of filesystem is created by mkfs when it is executed with the block device name only and without any additional parameters?

A. ext2
B. ext3
C. ext4
D. XFS
E. VFAT

Answer: A

NEW QUESTION 22
CORRECT TEXT
Which Bash environment variable defines in which file the user history is stored when exiting a Bash process? (Specify ONLY the variable name.)

A.

Answer: HISTFILE

NEW QUESTION 26
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 29
CORRECT TEXT
Which umask value will result in the default access permissions of 600 (rw-------) for files and 700 (rwx------) for directories? (Specify only the numerical umask value.)

A.

Answer: 0077077

NEW QUESTION 33
What is true about the file /etc/localtime?

A. It is a plain text file containing a string such as Europe/Berlin.
B. It is created and maintained by the NTP service based on the geolocation of the system's IP address.
C. It is a symlink to /sys/device/clock/ltime and always contains the current local time.
D. It is either a symlink to or a copy of a timezone information file such as/usr/share/zoneinfo/Europe/Berlin.

Answer: D

NEW QUESTION 36
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}"

Answer: A

NEW QUESTION 40
Whichof the following commands displays the contents of a gzip compressed tar archive?

A. gzip archive.tgz | tar xvf -
B. tar ztf archive.tgz
C. gzip -d archive.tgz | tar tvf -
D. tar cf archive.tgz

Answer: B

NEW QUESTION 45
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

Answer: D

NEW QUESTION 47
CORRECT TEXT
In which directory must definition files be placed to add additional repositories to yum?

A.

Answer: /etc/yum.repos.d/etc/yum.repos.d/yum.repos.dyum.repos.d/

NEW QUESTION 51
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 55
Which of the following pieces of information of an existing file is changed when a hard link pointing to that file is created?

A. File size
B. Modify timestamp
C. Link count
D. Inode number
E. Permissions

Answer: C

NEW QUESTION 56
Which of the following commands lists all defined variables and functions within Bash?

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

Answer: B

NEW QUESTION 58
Which approach will provide a listing of the contents in a tar archive?

A. Use the tar command with -t.
B. Use the grep command.
C. Use the find command.
D. Use the zless command.
E. Use the zlist command.

Answer: A

NEW QUESTION 63
Which configuration file would be edited to change default options for the OpenSSH server?

A. /etc/ssh/sshd_config
B. /etc/ssh/ssh
C. /etc/ssh/server
D. /etc/ssh/ssh_config
E. /etc/ssh/ssh_server

Answer: A

NEW QUESTION 65
Which of the following commands creates an ext3 filesystem on /dev/sdb1? (Choose TWO correct answers.)

A. /sbin/mke2fs -j /dev/sdb1
B. /sbin/mkfs -t ext3 /dev/sdb1
C. /sbin/mkfs -c ext3 /dev/sdb1
D. /sbin/mke3fs -j/dev/sdb1

Answer: AB

NEW QUESTION 66
When given the following command line. echo "foo bar" | tee bar | cat
Which of the following output is created?

A. cat
B. foo bar
C. tee bar
D. bar
E. foo

Answer: B

NEW QUESTION 70
CORRECT TEXT
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.)

A.

Answer: mailq/usr/bin/mailqsendmail-bp/usr/sbin/sendmail-bp/usr/lib/sendmail-bpsendmail/usr/sbin/sendmail/usr/lib/sendmail

NEW QUESTION 75
How can the existing environment variable FOOBAR be suppressedfor the execution of the script./myscript only?

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

Answer: C

NEW QUESTION 78
Which of the following commands can be used to search for the executable file foo when it has been placed in a directory not included in $PATH?

A. apropos
B. which
C. find
D. query
E. whereis

Answer: C

NEW QUESTION 81
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

Answer: E

NEW QUESTION 85
Which of the following commands replaces each occurrence of 'bob' in the file letter with 'Bob' and writes the result to the file newletter?

A. sed '/bob/Bob' letter >newletter
B. sed s/bob/Bob/ letter < newletter
C. sed 's/bob/Bob' letter > newletter
D. sed 's/bob/Bob/g' letter > newletter
E. sed 's/bob, Bob/' letter > newletter

Answer: D

NEW QUESTION 86
What does the ? symbol within regular expressions represent?

A. Match the preceding qualifier one or more times.
B. Match the preceding qualifier zero or more times.
C. Matchthe preceding qualifier zero or one times.
D. Match a literal ? character.

Answer: C

NEW QUESTION 88
CORRECT TEXT
With X11 forwarding in ssh, what environment variable is automatically set in the remote host shell that is not set when X11 forwarding is not enabled? (Specify only the environment variable without any additional commands or values.)

A.

Answer: DISPLAY$DISPLAY

NEW QUESTION 92
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 97
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].

Answer: C

NEW QUESTION 99
Which utility would be used to change how often a filesystem check is performed on an ext2 filesystem without losing any data stored on that filesystem?

A. mod2fs
B. fsck
C. tune2fs
D. mke2fs
E. fixe2fs

Answer: C

NEW QUESTION 102
What is the output of the following command?
for token in a b c; do echo -n ${token}; done

A. anbncn
B. abc
C. $token$token$token
D. {a}{b}{c}
E. a b c

Answer: B

NEW QUESTION 106
Which of the following keywords can be used in the file /etc/nsswitch.conf to specify a source for host name lookups? (Choose TWO correct answers.)

A. resolv
B. dns
C. remote
D. files
E. hosts

Answer: BD

NEW QUESTION 107
Which of the following commands can be used to determine how long the system has been running? (Choose TWO correct answers.)

A. uptime
B. up
C. top
D. uname -u
E. time –up

Answer: AC

NEW QUESTION 112
Which of the following commands lists the dependencies of a given dpkg package?

A. apt-cache depends-on package
B. apt-cache dependencies package
C. apt-cache depends package
D. apt-cache requires package

Answer: C

NEW QUESTION 114
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

Answer: BDE

NEW QUESTION 116
After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

A. By creating an ACL redirection from the old to the new path of the data.
B. By creating a hard link from the old to the new path of the data.
C. By creating a symbolic link from the old to the new path of the data.
D. By running the command touch on the old path.
E. By mounting the new filesystem on the original path of the data.

Answer: CE

NEW QUESTION 118
What does the command mount -a do?

A. It ensures that all file systems listed with the option noauto in /etc/fstab are mounted.
B. It shows all mounted file systems that have been automatically mounted.
C. It opens an editor with root privileges and loads /etc/fstab for editing.
D. It ensures that all file systems listed with the option auto in /etc/fstab are mounted.
E. It ensures that all file systems listed in /etc/fstab are mounted regardless of their options.

Answer: D

NEW QUESTION 121
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

Answer: C

NEW QUESTION 123
Which of the following parameters are used for journalctl to limit the time frame of the output? (Choose TWO correct answers.)

A. --from=
B. --since=
C. --until=
D. --upto=
E. --date=

Answer: BC

NEW QUESTION 127
CORRECT TEXT

Which file lists which users can execute commands using sudo? (Specify the full name of the file, including path.)

A.

Answer: /etc/sudoers

NEW QUESTION 130
CORRECT TEXT
Which command displays a list of allbackground tasks running in the current shell? (Specify ONLY the command without any path or parameters.)

A.

Answer: jobs

NEW QUESTION 134
What is the purpose of a screen reader?

A. It reads text displayed on the screen to blind or visually impaired people.
B. It reads the parameters of the attached monitors and creates an appropriate X11 configuration.
C. It displays lines and markers to help people use speed reading techniques.
D. It manages and displays files that contain e-books.

Answer: A

NEW QUESTION 135
CORRECT TEXT
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.

Answer: /etc/cron.allow

NEW QUESTION 137
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 138
CORRECT TEXT
Which option to the yum command will update the entiresystem? (Specify ONLY the option name without any additional parameters.)

A.

Answer: updateupgrade

NEW QUESTION 139
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 144
Which of the following fields can be found in the /etc/group file? (Choose THREE correct answers.)

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

Answer: ACE

NEW QUESTION 147
CORRECT TEXT

Which Debian package management tool asks the configuration questions for a specific already installed package just as if the package were being installed for the first time? (Specify ONLY the command without any path or parameters.)

A.

Answer: dpkg-reconfigure

NEW QUESTION 151
CORRECT TEXT
Which file in the /proc filesystem lists parameters passed from the bootloader to the kernel? (Specify the file name only without any path.)

A.

Answer: cmdline/proc/cmdline

NEW QUESTION 154
Which of the following commands prints a listof usernames (first column) and their primary group (fourth column) from the /etc/passwd file?

A. fmt -f 1,4 /etc/passwd
B. split -c 1,4 /etc/passwd
C. cut -d : -f 1,4 /etc/passwd
D. paste -f 1,4 /etc/passwd

Answer: C

NEW QUESTION 159
Which of the following shell redirections will write standard output and standard error output to a file named filename?

A. 2>&1 >filename
B. >filename 2>&1
C. 1>&2>filename
D. >>filename
E. 1&2>filename

Answer: B

NEW QUESTION 163
Regarding the command: nice -5 /usr/bin/prog
Which of the following statements is correct?

A. /usr/bin/prog is executed with a nice level of -5.
B. /usr/bin/prog is executed with a nice level of 5.
C. /usr/bin/prog is executed with a priority of -5.
D. /usr/bin/prog is executed with a priority of 5.

Answer: B

NEW QUESTION 164
Which of the following settingsfor umask ensures that new files have the default permissions -rw-r----- ?

A. 0017
B. 0640
C. 0038
D. 0027

Answer: D

NEW QUESTION 165
What does the exit status 0 indicate about a process?

A. The process ended without any problems.
B. The process was terminated by the user.
C. The process couldn't finish correctly.
D. The process waited for an input but got none.
E. The process finished in time.

Answer: A

NEW QUESTION 168
Which of the following commands will output all of the lines with the name Fred in upper or lower case but not the word red from the file data_file?(Choose two)

A. grep -v fred data_file
B. grep '[f]red' data_file
C. egrep fred data_file
D. grep '[Ff]red' data_file

E. grep -i fred data_file

Answer: DE

NEW QUESTION 169
Which of the following is true about IPv6?

A. With IPv6, the TCP port numbers of most services have changed.
B. IPv6 no longer supports broadcast addresses.
C. IPv4 addresses can be used without any change with IPv6.
D. IPv6 no longer supports multicast addresses.
E. For IPv6, UDP and TCP have been replaced by the Rapid Transmission Protocol RTP.

Answer: B

NEW QUESTION 170
When trying to unmount a device it is reported as being busy. Which of the following commands could be used to determine which process is causing this?

A. debug
B. lsof
C. nessus
D. strace
E. traceroute

Answer: B

NEW QUESTION 175
Which of the following crontab entries will execute myscript at 30 minutes past every hour on Sundays?

A. 0 * * * 30 myscript
B. 30 * * * 6 myscript
C. 30 0 * * 0 myscript
D. 30 0-23 * * 0 myscript
E. 0 0-23 * * 30 myscript

Answer: D

NEW QUESTION 176
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 181
Which of the following commands will write a message to the terminals of all logged in users?

A. bcast
B. mesg
C. print
D. wall
E. yell

Answer: D

NEW QUESTION 185
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 186
On a regular users workstation the route command takes a long time before printing out the routing table. Which of the following errors does that indicate?

A. The local routing information may be corrupted and must be re-validated using a routing protocol.
B. One of the routers in the routing table is not available which causes the automatic router failure detection mechanism (ARF-D) to wait for a timeout.
C. There may accidentally be more than one default router in which case a default router election has to be done on the network in order to choose one router as

the default.
D. DNS resolution may not be working as route by default tries to resolve names of routers and destinations and may run into a timeout.

Answer: D

NEW QUESTION 190
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.

Answer: D

NEW QUESTION 193
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

Answer: A

NEW QUESTION 198
Which of the following commands will set the variable text to olaf is home?(Choose two)

A. text=olaf\ is\ home
B. text=$olaf is home
C. $text='olaf is home'
D. text=='olaf is home'
E. text="olaf is home"

Answer: AE

NEW QUESTION 200
Which character, added to the end of a command, runs that command in the background as a child process of the current shell?

A. !
B. +
C. &
D. %
E. #

Answer: C

NEW QUESTION 203
What is the purpose of the Filesystem Hierarchy Standard?

A. It is a security modelused to ensure files are organized according to their permissions and accessibility.
B. It provides unified tools to create, maintain and manage multiple filesystems in a common way.
C. It defines a common internal structure of inodes for all compliant filesystems.
D. It is a distribution neutral description of locations of files and directories.

Answer: D

NEW QUESTION 206
After modifying GNU GRUB's configuration file, which command must be run for the changes to take effect?

A. kill -HUP $(pidof grub)
B. grub-install
C. grub
D. No action is required

Answer: D

NEW QUESTION 211
Which character starts a comment line in a shell script file?

A. ;
B. *
C. #
D. /

Answer: C

NEW QUESTION 215
Which of the following commands shows the definition of a given shell command?

A. where
B. stat
C. type
D. case

Answer: C

NEW QUESTION 219
CORRECT TEXT
Which world-writable directory should be placed on a separate partition inorder to prevent users from being able to fill up the / filesystem? (Specify the full path to the directory.)

A.

Answer: /tmptmp/var/tmp/tmp//var/tmp/

NEW QUESTION 224
When starting a program with the nice command without any additional parameters, which nice level is set for the resulting process?

A. -10
B. 10
C. 20

Answer: C

NEW QUESTION 228
In a nested directory structure, which find command line option would be used to restrict the command to searching down a particular number of subdirectories?

A. -dirmax
B. -maxdepth
C. -maxlevels
D. -n
E. -s

Answer: B

NEW QUESTION 231
Which of the following kernel parameters instructs the kernel to suppress most boot messages?

A. silent
B. verbose=0
C. nomesg
D. quiet

Answer: D

NEW QUESTION 236
What is the purpose of the iconv command?

A. It converts bitmap images from one format to another such as PNG to JPEG.
B. It verifies that the root directory tree complies to all conventions from the Filesystem Hierarchy Standard (FHS).
C. It displays additional meta information from icon files ending in .ico.
D. It changes the mode of an inode in the ext4 file system.
E. It converts files from one character encoding to another.

Answer: E

NEW QUESTION 238
Which of the following programs uses the hosts.allow file to perform its main task of checking for access control restrictions to system services?

A. tcpd
B. inetd
C. fingerd
D. mountd
E. xinetd

Answer: A

NEW QUESTION 239
In Bash, inserting 1>&2 after a command redirects

A. standard error to standard input.
B. standard input to standard error.
C. standard output to standard error.
D. standard error to standardoutput.
E. standard output to standard input.

Answer: C

NEW QUESTION 241
CORRECT TEXT
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.

Answer: /etc/shadow

NEW QUESTION 244
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

Answer: D

NEW QUESTION 247
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 248
Which of the following commands can be used to extract content from a tar file?

A. tar -xvf
B. tar -vf
C. tar -e
D. tar -c
E. tar–v

Answer: A

NEW QUESTION 249
How can the normal output of a command be written to a file while discarding the error output?

A. command >2>file 1&>/dev/null
B. command < output > /dev/null
C. command > discard-error > file
D. command > /dev/null 2&>1 output
E. command >file 2>/dev/null

Answer: E

NEW QUESTION 254
Which of the following SQL queries counts the number of occurrences for each value of the field order_type in the table orders?

A. SELECT order_type,COUNT(*) FROM orders WHERE order_type=order_type;
B. SELECT order_type,COUNT(*) FROM orders GROUP BY order_type;
C. COUNT(SELECT order_type FROM orders);
D. SELECT COUNT(*) FROM orders ORDER BY order_type;
E. SELECT AUTO_COUNT FROM orders COUNT order_type;

Answer: B

NEW QUESTION 257
Which of the following characters can be combined with a separator string in order to read from the current input source until the separator string, which is on a separate line and withoutany trailing spaces, is reached?

A. <<
B. <|
C. !<
D. &<

Answer: A

NEW QUESTION 261
Which of the following commands can be used to download the RPM package kernel without installing it?

A. yum download --no-install kernel
B. yumdownloader kernel
C. rpm --download --package kernel
D. rpmdownload kernel

Answer: B

NEW QUESTION 262
CORRECT TEXT
Which command can be used to investigate the properties for a particular window in X by clicking that window? (Specify ONLY the command without any path or parameters.)

A.

Answer: /usr/bin/xwininfoxwininfo

NEW QUESTION 266
What is the purpose of the file /etc/profile?

A. It contains the welcome message that is displayed after login.
B. It contains security profiles defining which users are allowed to log in.
C. It contains environment variables that are set when a user logs in.
D. It contains default application profiles for users that run an application for the first time.

Answer: C

NEW QUESTION 267
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 269
Which of the following information is stored within the BIOS? (Choose TWO correct answers.)

A. Boot device order
B. Linux kernel version
C. Timezone
D. Hardware configuration
E. The system's hostname

Answer: AD

NEW QUESTION 273
Which of the following commands will create an archive file, named backup.tar, containing all the files from the directory /home?

A. tar /home backup.tar
B. tar -cf /home backup.tar
C. tar -xf /home backup.tar
D. tar -xf backup.tar /home
E. tar -cf backup.tar /home

Answer: E

NEW QUESTION 276
CORRECT TEXT
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.)

A.

Answer: l

NEW QUESTION 281
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 283
Which of the following are valid stream redirection operators within Bash? (Choose THREE correct answers.)

A. <
B. <<<
C. >
D. >>>
E. %>

Answer: ABC

NEW QUESTION 284
Which RPM command will output the name of the package which supplied the file
/etc/exports?

A. rpm -F /etc/exports
B. rpm -qf /etc/exports
C. rpm -Kl /etc/exports
D. rpm -qp /etc/exports
E. rpm -qi /etc/exports

Answer: B

NEW QUESTION 288
Which of the following commands kills the process with the PID 123 but allows the process to "clean up" before exiting?

A. kill -PIPE 123
B. kill -KILL 123
C. kill -STOP 123
D. kill -TERM 123

Answer: D

NEW QUESTION 290
CORRECT TEXT
With IPv6, how many bits have been used for the interface identifier of an unicast address? (Specify the number using digits only.)

A.

Answer: 64

NEW QUESTION 294
What does the command mount -a do?

A. It mounts all available filesystems onto the current directory.
B. It shows all mounted filesystems.
C. It mounts all user mountable filesystems for the current user.
D. It mounts all filesystems listed in /etc/fstab which have the option auto set.
E. It mounts all filesystems listed in /etc/fstab which have the option noauto set.

Answer: D

NEW QUESTION 298
CORRECT TEXT
Which port is the default server port for the HTTPS protocol? (Specify the port number using digits.)

A.

Answer: 443

NEW QUESTION 303
What entry can be added to the syslog.conf file to have all syslog messages generated by a system displayed on console 12?

A. *.* /dev/tty12
B. /var/log/messages | /dev/tty12
C. | /dev/tty12
D. syslog tty12
E. mail.* /dev/tty12

Answer: A

NEW QUESTION 304
The script, script.sh, consists of the following lines:
#!/bin/bash echo $2 $1
Which output will appear if the command, ./script.sh test1 test2, is entered?

A. test1 test2
B. test2 test1
C. script.sh test2
D. script.sh test1
E. test1 script.sh

Answer: B

NEW QUESTION 305
Which of the following commands updates the linker cache of shared libraries?

A. mkcache
B. soconfig
C. mkldconfig
D. lddconfig
E. ldconfig

Answer: E

NEW QUESTION 310
CORRECT TEXT
Which signal is missing from the following command that is commonly used to instruct adaemon to reinitialize itself, including reading configuration files?
killall -s daemon

A.

Answer: HUPSIGHUP1

NEW QUESTION 311
Where are user specific crontabs stored?

A. In the database file /etc/crontab.db which is shared by all users.
B. As individual per-user files within /var/spool/cron.
C. As individual per-user files in /etc/cron.user.d.
D. In the .crontab file in the user's home directory.
E. In the file /var/cron/user-crontab which is shared by all users.

Answer: B

NEW QUESTION 316
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 320
Which of the following commands will send output from the program myapp to both standard output (stdout) and the file file1.log?

A. cat < myapp | cat > file1.log
B. myapp 0>&1 | cat > file1.log
C. myapp | cat > file1.log
D. myapp | teefile1.log
E. tee myapp file1.log

Answer: D

NEW QUESTION 323
Which of the following commands can be used to limit the amount of memory a user may use?

A. umask
B. usermod
C. ulimit
D. passwd
E. chage

Answer: C

NEW QUESTION 326
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 330
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 335
Which of the following commands moves and resumes in the background the last stopped shell job?

A. run
B. bg
C. fg
D. back

Answer: B

NEW QUESTION 338
Why is the correct configuration of a system's time zone important?

A. Because the conversion of Unix timestamps to local time relies on the time zone configuration.
B. Because the time zone is saved as part of the modification times of files and cannot be changed after a file is created.
C. Because the environment variables LANG and LC_MESSAGES are, by default, set according to the time zone.
D. Because NTP chooses servers nearby based on the configured time zone.

Answer: A

NEW QUESTION 339
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