

LFCS Dumps

Linux Foundation Certified System Administrator

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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

What of the following statements are true regarding /dev/ when using udev? (Choose TWO correct answers.)

- A. Entries for all possible devices get created on boot even if those devices are not connected.
- B. Additional rules for udev can be created by adding them to /etc/udev/rules.d/.
- C. When using udev, it is not possible to create block or character devices in /dev/ using mknod.
- D. The /dev/ directory is a filesystem of type tmpfs and is mounted by udev during system startup.
- E. The content of /dev/ is stored in /etc/udev/dev and is restored during system startup.

Answer: BD

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 of the following may occur as a consequence of using the command ifconfig? (Choose THREE correct answers.)

- A. New name servers may be added to the resolver configuration.
- B. Network interfaces may become active or inactive.
- C. The routing table may change.
- D. IP addresses may change.
- E. The system's host name may change.

Answer: BCD

NEW QUESTION 5

From a Bash shell, which of the following commands directly executes the instruction from the file /usr/local/bin/runme.sh without starting a subshell? (Please select TWO answers.)

- A. source /usr/local/bin/runme.sh
- B. /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

Answer: AB

NEW QUESTION 6

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 7

What is the output of the following command? echo "Hello World" | tr -d aieou

- A. Hello World
- B. eoo
- C. Hll Wrld
- D. eoo Hll Wrld

Answer: C

NEW QUESTION 8

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 9

CORRECT TEXT

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the `-m` option to the `useradd` command? (Specify the full path to the directory.)

A.

Answer: `/etc/skel`

NEW QUESTION 10

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 10

What is the purpose of the command `mailq`?

- A. It fetches new emails from a remote server using POP3 or IMAP.
- B. It is a multi-user mailing list manager.
- C. It is a proprietary tool contained only in the `qmail` MTA.
- D. It queries the mail queue of the local MTA.
- E. It is a command-line based tool for reading and writing emails.

Answer: D

NEW QUESTION 13

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 16

Which of the following commands will reduce all consecutive spaces down to a single space?

- A. `tr 's' ' ' < a.txt > b.txt`
- B. `tr -c ' ' < a.txt > b.txt`
- C. `tr -d ' ' < a.txt > b.txt`
- D. `tr -r ' ' '\n' < a.txt > b.txt`
- E. `tr -s ' ' < a.txt > b.txt`

Answer: E

NEW QUESTION 21

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 24

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 25

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

Answer: D

NEW QUESTION 28

Which of the following commands will change the quota for a specific user?

- A. edquota
- B. repquota
- C. quota -e
- D. quota

Answer: :A

NEW QUESTION 32

Which of the following commands will print the last 10 lines of a text file to the standard output?

- A. cat -n 10 filename
- B. dump -n 10 filename
- C. head -n 10 filename
- D. tail -n 10 filename

Answer: D

NEW QUESTION 34

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 38

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 42

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 47

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 49

Which of the following commands connects to the remote host example.com which has OpenSSH listening on TCP port 2222? (Choose TWO correct answers.)

- A. ssh --port 2222 example.com
- B. ssh -p 2222 example.com
- C. ssh -o Port=2222 example.com
- D. ssh -o GatewayPort=2222 example.com
- E. ssh example.com:2222

Answer: BC

NEW QUESTION 50

Which of the following commands can be used to create a USB storage media from a disk image?

- A. gdisk
- B. dd
- C. cc
- D. fdisk
- E. mount

Answer: B

NEW QUESTION 53

How can the existing environment variable FOOBAR be suppressed for 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 57

CORRECT TEXT

What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Specify ONLY the command without any path or parameters.)

A.

Answer: xdm

NEW QUESTION 60

Which of the following commands will help identify a broken router between the local and the remote machine?

- A. ps
- B. netstat
- C. nslookup
- D. ifconfig
- E. traceroute

Answer: E

NEW QUESTION 62

CORRECT TEXT

What word is missing from the following SQL statement?

_____ count(*) from tablename;

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

A.

Answer: select

NEW QUESTION 66

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 67

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 71

When the command echo \$\$ outputs 12942, what is the meaning of 12942?

- A. It is the process ID of the echo command.
- B. It is the process ID of the current shell.
- C. It is the process ID of the last command executed.
- D. It is the process ID of the last command which has been placed in the background.

Answer: B

NEW QUESTION 76

Which of the following files, when existing, affect the behavior of the Bash shell? (Choose TWO correct answers.)

- A. ~/.bashconf
- B. ~/.bashrc
- C. ~/.bashdefaults
- D. ~/.bash_etc
- E. ~/.bash_profile

Answer: BE

NEW QUESTION 79

Which run levels should never be declared as the default run level when using SysV init? (Choose TWO correct answers.)

- A. 1
- B. 3
- C. 5
- D. 6

Answer: AE

NEW QUESTION 83

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 88

Which of the following options for the kernel's command line changes the systemd boot target to rescue.target instead of the default target?

- A. systemd.target=rescue.target
- B. systemd.runlevel=rescue.target
- C. systemd.service=rescue.target
- D. systemd.default=rescue.target
- E. systemd.unit=rescue.target

Answer: E

NEW QUESTION 89

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 94

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 97

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 101

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 106

CORRECT TEXT

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

A.

Answer: /etc/cups/etc/cups/

NEW QUESTION 111

CORRECT TEXT

Which option to the yum command will update the entire system? (Specify ONLY the option name without any additional parameters.)

A.

Answer: updateupgrade

NEW QUESTION 114

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.

Answer: B

NEW QUESTION 115

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 119

Which of the following commands prints a list of 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 122

CORRECT TEXT

Which command is used in a Linux environment to create a new directory? (Specify ONLY the command without any path or parameters.)

A.

Answer: mkdir/usr/bin/mkdir

NEW QUESTION 126

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 128

CORRECT TEXT

Which file contains a set of services and hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Specify the full name of the file, including path.)<https://lh3.googleusercontent.com/-5cd-clmKnbk/AAAAAAAAAI/AAAAAAAAADM/-SXesH19Ido/s46-c-k-no/photo.jpg>

A.

Answer: /etc/hosts.allow

NEW QUESTION 131

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 132

Which of the following commands can be used to display the local routing table? (Choose TWO correct answers.)

- A. ifconfig
- B. dig
- C. netstat
- D. route
- E. trackroute

Answer: CD

NEW QUESTION 136

What is the default nice level when a process is started using the nice command?

- A. -10
- B. 10
- C. 20

Answer: B

NEW QUESTION 138

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 140

Which of the following statements is valid in the file /etc/nsswitch.conf?

- A. multi on
- B. 192.168.168.4 dns-server
- C. hosts: files dns
- D. include /etc/nsswitch.d/

Answer: C

NEW QUESTION 143

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 146

Immediately after deleting 3 lines of text in vi and moving the cursor to a different line, which single character command will insert the deleted content below the current line?

- A. i (lowercase)
- B. P (uppercase)
- C. p (lowercase)
- D. U (uppercase)
- E. u (lowercase)

Answer: C

NEW QUESTION 150

When the command echo \$ outputs 1, which of the following statements is 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.

Answer: C

NEW QUESTION 152

What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

- A. To create RAID 9 arrays.
- B. To dynamically change the size of logical volumes.
- C. To encrypt logical volumes.
- D. To create snapshots.
- E. To dynamically create or delete logical volumes.

Answer: BDE

NEW QUESTION 155

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 158

Which character starts a comment line in a shell script file?

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

Answer: C

NEW QUESTION 159

CORRECT TEXT

Which command is used to create and initialize the files used to store quota information? (Specify ONLY the command without any path or parameters.)

A.

Answer: quotacheck

NEW QUESTION 163

What is the difference between the commands `test -e path` and `test -f path`?

- A. They are equivalent options with the same behaviour.
- B. The `-f` option tests for a regular file.
- C. The `-e` option tests for an empty file.
- D. Both options check the existence of the path.
- E. The `-f` option also confirms that it is a regular file.
- F. The `-f` option tests for a regular file.
- G. The `-e` option tests for an executable file.

Answer: C

NEW QUESTION 168

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 173

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 176

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 181

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 186

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 191

Which of the following are syslog facilities? (Choose TWO correct answers.)

- A. `local7`
- B. `mail`

- C. advanced
- D. postmaster
- E. remote

Answer: AB

NEW QUESTION 192

Which of the following commands prints all files and directories within the /tmp directory or its subdirectories which are also owned by the user root? (Choose TWO correct answers.)

- A. find /tmp -uid root -print
- B. find -path /tmp -uid root
- C. find /tmp -user root -print
- D. find/tmp -user root
- E. find -path /tmp -user root -print

Answer: CD

NEW QUESTION 196

What is the default action of the split command on an input file?

- A. It will break the file into new files of 1,024 byte pieces each.
- B. It will break the file into new files of 1,000 line pieces each.
- C. It will break the file into new files of 1,024 kilobytepieces each.
- D. It will break the file into new files that are no more than 5% of the size of the original file.

Answer: B

NEW QUESTION 197

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

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

Answer: ABC

NEW QUESTION 199

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 202

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 207

Which of the following details is NOT provided in any output from the netstat utility?

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

Answer: A

NEW QUESTION 212

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 213

Which of the following commands is used to rotate, compress, and mail system logs?

- A. rotatelog
- B. striplog
- C. syslogd --rotate
- D. logrotate
- E. logger

Answer: D

NEW QUESTION 217

How many fields are in a syntactically correct line of /etc/fstab?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 7

Answer: D

NEW QUESTION 220

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 222

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 | tee file1.log
- E. tee myapp file1.log

Answer: D

NEW QUESTION 223

Which of the following is correct when talking about mountpoints?

- A. Every existing directory can be used as a mount point.
- B. Only empty directories can be used as a mount point.
- C. Directories need to have the SetUID flag set to be used as a mount point.
- D. Files within a directory are deleted when the directory is used as a mount point.

Answer: A

NEW QUESTION 227

What is the purpose of the Bash built-in export command?

- A. It allows disks to be mounted remotely.
- B. It runs a command as a process in a subshell.
- C. It makes the command history available to subshells.
- D. It sets up environment variables for applications.
- E. It shares NFS partitions for use by other systems on the network.

Answer: D

NEW QUESTION 230

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

Answer: ACD

NEW QUESTION 235

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 239

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