

CompTIA

Exam Questions LX0-104

CompTIA Linux+ [Powered by LPI] - Exam 2



NEW QUESTION 1

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

Answer: AD

Explanation:

Section: Security

NEW QUESTION 2

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

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 3

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

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

Answer: AB

Explanation:

Section: Administrative Tasks

NEW QUESTION 4

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 explicitl

Answer: A

Explanation:

Section: Administrative Tasks

NEW QUESTION 5

What is a purpose of an SSH host key?

- A. It must be sent by any SSH client in addition to a user key in order to identify the client's host.
- B. It provides the server's identity information to connecting SSH clients.
- C. It is the root key by which all user SSH keys must be signed.
- D. It authenticates any user that logs into a remote machine from the key's host.
- E. It is used by system services like cron, syslog or a backup job to automatically connect to remote hosts.

Answer: B

Explanation:

Section: Security

NEW QUESTION 6

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

Answer: C

Explanation:

Section: Essential System Services

NEW QUESTION 7

Which command can be used to delete a group from a Linux system?

- A. groupdel
- B. groupmod
- C. groups
- D. groupedit

Answer: A

Explanation:

Section: Administrative Tasks

NEW QUESTION 8

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

Answer: D

Explanation:

Section: Networking Fundamentals

NEW QUESTION 9

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.

Answer: A

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 10

On a machine running several X servers, how are the different instances of the X11 server identified?

- A. By a fixed UUID that is defined in the X11 configuration file.
- B. By a unique IPv6 address from thefe80: : /64subnet.
- C. By the name of the user that runs the X server likex11 :bob.
- D. By a device name like/dev/X11/xservers/1.
- E. By a display name like: 1.

Answer: E

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 10

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

443

Section: Networking Fundamentals

NEW QUESTION 15

Which of the following configuration files should be modified to globally set shell variables for all users?

- A. /etc/bashrc
- B. /etc/profile
- C. ~/.bash_profile
- D. /etc/.bashrc

Answer: B

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 19

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

Explanation:

Section: Essential System Services

NEW QUESTION 24

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

Explanation:

Section: Administrative Tasks

NEW QUESTION 25

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.

Answer: B

Explanation:

Section: Essential System Services

NEW QUESTION 26

What of the following can be done by the command ifconfig? (Choose TWO correct answers.)

- A. Set a network interface active or inactive.
- B. Specify the kernel module to be used with a network interface.
- C. Allow regular users to change the network configuration of a network interface.
- D. Change the netmask used on a network interface.
- E. Specify which network services are available on a network interface.

Answer: AD

Explanation:

Section: Networking Fundamentals

NEW QUESTION 28

FILL BLANK

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. Mastered

B. Not Mastered

Answer: A

Explanation:

xdm

Section: User Interfaces and Desktops

NEW QUESTION 32

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

Explanation:

Section: Security

NEW QUESTION 35

FILL BLANK

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 display the status of the printer's queue? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

lpq -or- /usr/bin/lpq -or- lpstat -or- /usr/bin/lpstat

Section: Essential System Services

NEW QUESTION 40

Given the following routing table:

```
Kernel IP routing table
Destination    Gateway      Genmark      Flags    Metric Ref    Use    Iface
192.168.178.0  0.0.0.0      255.255.255.0    U        0      0      0    wlan0
```

Why does the command route add default gw 192.168.1.1fail?

- A. Because there is no route to 192.168.1.1.
- B. Because only one route can exist at a time.
- C. Because there is already a default route.
- D. Because default routes can not be set manually.
- E. Because default routes must be set with if config

Answer: A

Explanation:

Section: Networking Fundamentals

NEW QUESTION 44

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

Explanation:

Section: Security

NEW QUESTION 47

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 48

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.

Answer: AC

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 52

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 57

What is the main difference between thebatchandatcommands?

- A. Thebatchcommand will run multiple time
- B. Theatcommand will only run once.
- C. The commands of abatchjob run sequentially one after another while the commands inatjobs may run in parallel.
- D. Theatcommand reads commands from standard input
- E. Thebatchcommand requires a command line argument.
- F. Theatcommand e-mail results to the user
- G. Thebatchcommand logs results tosyslog.

Answer: B

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 61

What output will the command seq 10 produce?

- A. A continuous stream of numbers increasing in increments 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.

Answer: B

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 65

FILL BLANK

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

64

Section: Networking Fundamentals

NEW QUESTION 69

FILL BLANK

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?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

files

Section: Networking Fundamentals

NEW QUESTION 70

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.

Answer: A

Explanation:

Section: Networking Fundamentals

NEW QUESTION 74

Which of the following resources can be directly limited for a given user usingulimit? (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.

Answer: ABC

Explanation:

Section: Security

NEW QUESTION 75

FILL BLANK

Which option in the /etc/ntp.conf file specifies an external NTP source to be queried for time information? (Specify ONLY the option without any values or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

server

Section: Essential System Services

NEW QUESTION 80

FILL BLANK

What is the lowest numbered unprivileged TCP port? (Specify the number in digits only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1024

Section: Networking Fundamentals

NEW QUESTION 84

FILL BLANK

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. Mastered
- B. Not Mastered

Answer: A

Explanation:

14

Section: Networking Fundamentals

NEW QUESTION 85

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**Explanation:**

Section: Shells, Scripting and Data Management

NEW QUESTION 87

FILL BLANK

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

- A. Mastered
- B. Not Mastered

Answer: A**Explanation:**

groupadd -or- /usr/sbin/groupadd

Section: Administrative Tasks

NEW QUESTION 89

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**Explanation:**

Section: Shells, Scripting and Data Management

NEW QUESTION 94

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**Explanation:**

Section: Essential System Services

NEW QUESTION 99

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**Explanation:**

Section: Essential System Services

NEW QUESTION 101

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

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 106

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 110

What is the purpose of the nsswitch.conf file?

- A. It is used to configure where the C library looks for system information such as host names and user passwords.
- B. It is used to configure network protocol port numbers such as for HTTP or SMTP.
- C. It is used to configure LDAP authentication services for the local system.
- D. It is used to configure which network services will be turned on during the next system boot.

Answer: A

Explanation:

Section: Networking Fundamentals

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

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 117

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

Explanation:

Section: Security

NEW QUESTION 118

FILL BLANK

What word is missing from the following SQL statement? insert into tablename _____ (909, 'text'); (Please specify the missing word using lower-case letters only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

VALUES -or- values

Section: Shells, Scripting and Data Management

NEW QUESTION 119

Which of the following statements is true regarding the/etc/shadowfile?

- A. /etc/shadowmay 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.

Answer: B

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 122

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

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 123

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

Explanation:

Section: Essential System Services

NEW QUESTION 125

Each entry in a crontab must end with what character?

- A. Tab
- B. Space
- C. Backslash
- D. Newline

Answer: D

Explanation:

Section: Administrative Tasks

NEW QUESTION 130

Which of the following commands prints the exit value of the most recently executed program in Bash? A. echo \$?

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

Answer: A

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 131

FILL BLANK

What is the default name of the configuration file for the Xorg X11 server? (Specify the file name only without any path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

xorg.conf

Section: User Interfaces and Desktops

NEW QUESTION 136

FILL BLANK

Which command is used to manually assign an IP address to a network interface? (Specify only the command without any path or parameters.)

A. Mastered

B. Not Mastered

Answer: A

Explanation:

ifconfig

Section: Networking Fundamentals

NEW QUESTION 139

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.

Answer: C

Explanation:

Section: Networking Fundamentals

NEW QUESTION 143

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