

LX0-104 Dumps

CompTIA Linux+ [Powered by LPI] - Exam 2

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NEW QUESTION 1

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. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/cron.allow

Section: Administrative Tasks

NEW QUESTION 2

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 3

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

Explanation:

Section: Security

NEW QUESTION 4

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

Explanation:

Section: Security

NEW QUESTION 5

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

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 6

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 7

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 8

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 9

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.

Answer: C

Explanation:

Section: Administrative Tasks

NEW QUESTION 10

What is true regarding the statement beginning with `#!` That is found in the first line of a script?

- A. It prevents the script from being executed until the `!` is removed.
- B. It specifies the path and the arguments of the interpreter used to run the script.
- C. It is a comment that is ignored by the script.
- D. It specifies the character encoding of the script.

Answer: B

Explanation:

Section: Shells, Scripting and Data Management

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

Explanation:

Section: Essential System Services

NEW QUESTION 14

What is true about UIDs and GIDs?

- A. UIDs and GIDs share a common number space
- B. Each time a new user or group is created, the next free ID is assigned.
- C. The first four digits of each UID are the GID of the primary group of that user.
- D. The GID of a group is always the sum of the UIDs of its members.
- E. The number space is split
- F. UIDs usually reside in the range from 0 to 32767 while GIDs reside in the range from 32768 to 65535.
- G. There are distinct number spaces for UIDs and GIDs, i.
- H. the same number may be used as both UID and a GID.

Answer: E

Explanation:

Section: Administrative Tasks

NEW QUESTION 17

FILL BLANK

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.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

netstat -or- /bin/netstat -or- ss -or- /usr/bin/ss

Section: Networking Fundamentals

NEW QUESTION 22

Which file contains the date of the last change of a user's password?

- A. /etc/gshadow
- B. /etc/passwd
- C. /etc/pwdlog
- D. /etc/shadow
- E. /var/log/shadow

Answer: D

Explanation:

Section: Administrative Tasks

NEW QUESTION 23

Which of the following fields are available in both the global /etc/crontab file as well as in user-specific crontab files? (Select TWO correct answers)

- A. Year
- B. Minute
- C. Username
- D. Command

Answer: BD

Explanation:

Section: Administrative Tasks

NEW QUESTION 28

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

Explanation:

Section: Administrative Tasks

NEW QUESTION 30

What is NOT contained in the locale setting of the operating system?

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

Answer: C

Explanation:

Section: Administrative Tasks

NEW QUESTION 32

FILL BLANK

Which command is used to set the hostname of the local system? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

hostname

Section: Networking Fundamentals

NEW QUESTION 34

Fill in the blank.

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. Mastered
- B. Not Mastered

Answer: A

Explanation:

DISPLAY -or- \$DISPLAY

Section: Security

NEW QUESTION 35

FILL BLANK

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. Mastered
- B. Not Mastered

Answer: A

Explanation:

l

Section: Security

NEW QUESTION 38

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 41

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 44

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 lead 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.

Answer: B

Explanation:

Section: Essential System Services

NEW QUESTION 46

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

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 49

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 50

When issuing the command `ifconfig eth0 192.168.1.20/24up`, 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 an addition to adding the new address.

Answer: AB

Explanation:

Section: Networking Fundamentals

NEW QUESTION 53

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

Explanation:

Section: Administrative Tasks

NEW QUESTION 56

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 61

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 63

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 66

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

Explanation:

Section: Networking Fundamentals

NEW QUESTION 71

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

Explanation:

Section: Shells, Scripting and Data Management

NEW QUESTION 73

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

Explanation:

Section: User Interfaces and Desktops

NEW QUESTION 76

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 77

FILL BLANK

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

bind -or- interface

Section: Security

NEW QUESTION 80

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 84

FILL BLANK

Which environment variable should be set in order to change the time zone for the commands run from within the environment variable's scope? (Specify the variable name only.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

TZ

Section: Administrative Tasks

NEW QUESTION 89

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 91

What happens if the password of a user in the/etc/shadowfile 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.

Answer: E

Explanation:

Section: Security

NEW QUESTION 96

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

Answer: C

Explanation:

Section: Security

NEW QUESTION 100

FILL BLANK

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

/etc/at.deny

Section: Administrative Tasks

NEW QUESTION 105

Which command will set the local machine's timezone to UTC?

- A. cat UTC > /etc/timezone
- B. ln -s /usr/share/zoneinfo/UTC /etc/localtime
- C. date --timezone=UTC
- D. mv /usr/timezone/UTC /etc

Answer: B

Explanation:

Section: Essential System Services

NEW QUESTION 107

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