- 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 location of the system's IP address.
- C. It is a symlink to /sys/device/clock/ltime and always contains the current local time.
- D. After changing this file, newtzconfig has to be run to make the changes effective.
- E. It is either a symlink to or a copy of a timezone information file such as /usr/share/zoneinfo/Europe/Berlin.

Correct Answer: E

### **QUESTION 66**

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

Correct Answer: BD

#### **QUESTION 67**

Which crontab entry could be used to set the system time at regular intervals?

- A. 10 \* \* \* date \$d \$t \$24
- B. 10 \* \* \* ntpdate ntp1.digex.net
- C. 10 \* \* \* date ntp1.digex.net
- D. 10 \* \* \* runcron date ntp1.digex.net
- E. 10 \* \* \* settime \$d \$t \$24

Correct Answer: B

#### **QUESTION 68**

The correct crontab entry to execute the script chklog three times per month between 3 p.m. and 5 p.m.:

- A. \* 3,4,5 1 \* \* chklog
- B. 3 3,4,5 1 \* \* chklog
- C. 3 15,16,17 \* \* \* chklog
- D. 0 15,16,17 1 \* \* chklog
- E. \* 15,16,17 1 \* \* chklog

Correct Answer: D

## **QUESTION 69**

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.

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E. Run the following: atd --deny [user].

**Correct Answer:** C

### **QUESTION 70**

What command will display the group names and GIDs to which a user belongs? (Provide only the command name with or without path information)

Correct Answer: id, /usr/bin/id

#### **QUESTION 71**

Which commands can you use 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

#### **QUESTION 72**

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.

Correct Answer: A

## **QUESTION 73**

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

## **QUESTION 74**

The \_\_\_\_\_ command is used to add a group to the system.

Correct Answer: groupadd, /usr/sbin/groupadd

## **QUESTION 75**

Which command should be added to /etc/bash\_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO correct answers)

- A. export LANGUAGE="pt"
- B. export MESSAGE="pt"
- C. export LANG="pt"
- D. export LC MESSAGES="pt"
- E. export ALL MESSAGES="pt"

Correct Answer: CD

#### **QUESTION 76**

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

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

Correct Answer: B

#### **QUESTION 77**

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.

Correct Answer: B

## **QUESTION 78**

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

#### **QUESTION 79**

Which of the following commands can be used to convert text files in one character encoding to another character encoding?

- A. cat
- B. convert

C. dd

D. iconv

E. utf2utf

Correct Answer: D

### **QUESTION 80**

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

Correct Answer: groupadd, /usr/sbin/groupadd

#### **QUESTION 81**

Which TWO statements about crontab are true?

- A. Every user may have their own crontab.
- B. Changing a crontab requires a reload/restart of the cron daemon.
- C. The cron daemon reloads crontab files automatically when necessary.
- D. hourly is the same as "0 \* \* \* \*".
- E. A cron daemon must run for each existing crontab.

Correct Answer: AC

#### **QUESTION 82**

What is the conventional purpose of Linux UIDs that are lower than 100?

- A. They are reserved for super user accounts.
- B. They are reserved for the system admin accounts.
- C. They are reserved for system accounts.
- D. They are unused, aside from 0, because they are targets of exploits.
- E. They are used to match with GIDs in grouping users.

Correct Answer: C

## **QUESTION 83**

A user was not given permission to use the CRON scheduling system. What file needs to be modified to provide that access? (Please specify the full path to the file)

Correct Answer: /etc/cron.allow

## **QUESTION 84**

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

#### **QUESTION 85**

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

## **QUESTION 86**

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.)

Correct Answer: TZ

#### **QUESTION 87**

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 batch command will run when system load is low. The at command runs at a specific time.
- 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

## **QUESTION 88**

How is the file format of /etc/crontab different from a normal crontab file? (Select TWO correct answers)

- A. The /etc/crontab file can specify a year field.
- B. A normal crontab file must be installed with the crontab command.
- C. A normal crontab file allows for environment variable substitution.
- D. The /etc/crontab file has a user field for commands.

Correct Answer: BD

#### **QUESTION 89**

On a system using shadowed passwords, the most correct permissions for /etc/passwd are \_\_\_\_ and the most correct permissions for /etc/shadow are \_\_\_\_.