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[Introduction to Linux I – Chapter 24 Exam Answers 2019 + PDF file](#)

1. Which of the following are mount options used for disk quotes? (choose two)
 - **usrquota**
 - groupquota
 - userquota
 - **grpquota**
2. In which file are mount options placed to support disk quotas?
 - /etc/mount
 - /etc/ftab
 - /etc/mtab
 - **/etc/fstab**
3. How can you use quotas to limit the number of files a user can create?
 - **By setting an inode limit**
 - By setting a stat limit
 - By setting an object limit
 - By setting a node limit
4. Which command produces a list of users of groups and their quota statistics?
 - warnquota
 - quotarpt
 - **repquota**
 - quota
5. If you want to enable or disable the enforcement of quotas, as administrator you can use _____ and _____. (choose two)
 - **quotaon**
 - quotauncheck
 - quotacheck
 - **quotaoff**
6. Which command is used to create or update the quota database files?
 - quotactl
 - quotadb
 - dbquota
 - **quotacheck**

7. To be able to modify a user's quotas with a non-interactive command, you can use:
 - quota
 - edquota
 - **setquota**
 - sedquota
8. By default, the edquota command will use which editor?
 - gedit
 - joe
 - **vi**
 - emacs
9. To view an individual's quota usage, an administrator can use:
 - quotactl
 - stat
 - **quota**
 - sedquota
10. With disk quotas you can limit: (choose two)
 - **How many files a user can use in a filesystem**
 - What permissions can be placed on files in a filesystem
 - What type of files a user can have in a filesystem
 - **How much space a user can use in a filesystem**
11. Which of the following filesystems are good choices to implement disk quotas:
(choose two)
 - **The /tmp filesystem**
 - **The /home filesystem**
 - The /bin filesystem
 - The /usr filesystem
12. The first step to creating a disk quota is:
 - **Edit the /etc/fstab file**
 - Use the quotaon command
 - Reboot the system
 - Use the edquota command
13. When added to the /etc/fstab file, the userquota option will:
 - Allow for both user and group quotas in the filesystem
 - **Result in an error message, since userquota is an invalid option**
 - Allow for user quotas in filesystem
 - Allow for group quotas in the filesystem

14. Which command will remount the `/data` filesystem using the option from the `/etc/fstab` file?
- `mount -o remount /dev/sda1 /data`
 - **`mount -o remount /data`**
 - `mount -o mount /data`
15. To create both user and group quota databases with the `quotacheck` command, use the ___ and ___ options. (choose two)
- `-a`
 - **`-g`**
 - **`-u`**
 - `-i`
16. The `quotacheck` command creates databases with which names? (choose two)
- **`aquota.group`**
 - **`aquota.user`**
 - `group.quota`
 - `user.quota`
17. Which of the following are true about soft limits? (choose two)
- A user cannot exceed a soft limit
 - Soft limits can only be applied to blocks, not the number of inodes
 - **A warning will appear on the screen if a user reaches the soft limit**
 - **The grace period starts once the soft limit is reached**
18. Which of the following are true about hard limits? (choose two)
- The grace period starts once the hard limit is reached
 - Hard limits can only be applied to blocks, not the number of inodes
 - **A user cannot exceed a hard limit**
 - **An error will appear on the screen if a user reaches the hard limit**
19. If a user has exceeded the block soft quota and the grace period has expired, what happens?
- Nothing, the user can still continue to use files as normal
 - The question is invalid because users cannot exceed block soft quota limits
 - The user will lose data, as files will be deleted automatically by the kernel.
 - **The soft limit becomes a hard limit until the user goes below the soft limit again**
20. The ___ option can be used with the `edquota` command to copy the quota limits from one user account to another.
- `-u`
 - `-d`

- -p
- -c

21. To have the quotacheck create or update all quota databases, use the ___ option.

- -a
- -u
- -g
- -o

22. Which command will display the block size of a filesystem?

- showe2fs
- displaye2fs
- **tune2fs**
- printe2fs

23. Which option to the df command displays the number of inodes in a filesystem?

- -i
- -l
- -ino
- -nodes

24. Which option to the df command displays the size of a filesystem in “human readable” format?

- -g
- No option will provide this feature
- -h
- -human

25. Which option to the edquota command allows you to modify grace periods?

- -p
- -t
- -w
- -u

26. Which option to the quotaon command displays which filesystems have quotas turned on for?

- -fs
- -f
- -p
- -w

27. You can display current filesystem space usage with the _____ command.

- ls

- dw
- **df**
- du