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Introduction to Linux I – Chapter 21 Exam Answers 2019 + PDF file

1. **Which file provides persistent mapping of block devices to mount points?**
   - /etc/blk.map
   - /etc/blk.id
   - /etc/fstable
   - **/etc/fstab**

2. **Which two arguments may the mount command require, in order to mount a filesystem? (choose two)**
   - The filesystem size
   - **The device pathname**
   - **A directory pathname**
   - The filesystem type

3. **If you want to unmount a partition, which command should you use?**
   - dismount
   - unmount
   - **umount**
   - mount

4. **If the command you used to unmount a partition fails, which commands can you use to check what is keeping the partition busy? (choose two)**
   - chkdsk
   - **lsof**
   - partchk
   - **fuser**

5. **What commands can display a list of mounted file systems? (choose two)**
   - **mount**
   - lspt
   - fdisk
   - **df**

6. **The first field in the /etc/fstab file is used to specify:**
   - The fsck order
   - The dump level
   - The mount options

- The filesystem type
- **The device to mount**
- The mount point

7. **The second field in the */etc/fstab* file is used to specify:**

- The file system type
- The device to mount
- **The mount point**
- The dump level
- The mount options
- The fsck order

8. **The third field in the */etc/fstab* file is used to specify:**

- The fsck order
- The dump level
- The mount options
- **The filesystem type**
- The mount point
- The device to mount

9. **The fourth field in the */etc/fstab* file is used to specify:**

- The dump level
- **The mount options**
- The mount point
- The filesystem type
- The fsck order
- The device to mount

10. **The fifth field in the */etc/fstab* file is used to specify:**

- The fsck order
- The mount options
- The device to mount
- The filesystem type
- The mount point
- **The dump level**

11. **The sixth field in the */etc/fstab* file is used to specify:**

- The mount options
- The dump level
- The device to mount
- The filesystem type

- The mount point
- **The fsck order**

12. **Which of the following will mount an ISO file named *cdrom.iso*?**

- mount -t ufs cdrom.iso /mnt
- mount -o loopback cdrom.iso /mnt
- **mount -o loop cdrom.iso /mnt**
- mount -t cdrom cdrom.iso /mntb

13. **Which of the following is not a reason why the umount command may fail?**

- There is an executable file running that is located within the filesystem
- There is a file open that is located within the filesystem
- **There are symbolic links to files within the filesystem**
- A user has a directory within the filesystem as their current working directory

14. **A mount point is:**

- **An empty directory that is used to access a filesystem**
- A partition
- A way to specify mount options
- A device name used for mounting

15. **Which mount option will remount a currently mounted filesystem?**

- mount -o reset
- **mount -o remount**
- mount -o mount
- mount -o reload

16. **What does the mount option ro dev mean if placed in the fourth field */etc/fstab* file?**

- Mount the filesystem as read-only and permit device files
- Nothing, there is no dev mount option
- Mount the filesystem as read-only and don't permit device files
- **Nothing, the option is invalid because a space is not permitted between options**

17. **Which command will describe the mount options available for different filesystems?**

- mount –options
- mount -a
- mount –list
- **man mount**

18. **Which mount option mounts a filesystem allowing both reading and writing?**

- ro
- raw
- **rw**

- readwrite

19. **Which** mount **option mounts a filesystem allowing reading only?**

- ronly

- readonly

- **ro**

- rw

20. **Which** mount **option mounts a filesystem allowing executable files?**

- ex

- noexec

- execute

- **exec**

21. **Which** mount **option mounts a filesystem allowing suid files?**

- **suid**

- suidset

- allowsuid

- setsuid

22. **Which** df **command option displays file type?**

- **-T**

- -t

- -F

- -f

23. **Which option to the** fuser **command displays verbose information about filesystem activity?**

- -i

- **-v**

- -info

- -ver

24. **Which option to the** fuser **command displays attempts to stop all processes using the filesystem?**

- -s

- **-k**

- -w

- -p

25. **Which command will display UUIDs?**

- id

- setid

- **blkid**
- displayid

26. **Which command will create disk labels on an ext3 filesystem?**

- label
- **e2label**
- ext3label
- elabel

27. **Which option will mount a filesystem using the default** mount **options?**

- standard
- **defaults**
- default
- all

28. **Which value do you place in the dump field of the /etc/fstab for pseudo-filesystems?**

- 2
- **0**
- 3
- 1

29. **Which value do you place in the fsck field of the /etc/fstab file for pseudo-filesystems?**

- 3
- 2
- 1
- **0**