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## [Introduction to Linux I – Chapter 17 Exam Answers 2019 + PDF file](#)

1. Which of the following are valid Linux bootloaders? (choose two)
  - **GRUB**
  - BIOS
  - **LILO**
  - UEFI
2. A primary function of a Linux bootloader is:
  - To load the init process
  - To configure devices
  - To configure memory
  - **To load the kernel**
3. Which bootloader includes the Secure Boot feature?
  - BIOS
  - **UEFI**
  - LILO
  - GRUB
4. Which command needs to be executed after modifying the LILO configuration file?
  - **lilo**
  - redo
  - reload
  - modconfig
5. What version of GRUB is the most modern version?
  - GRUB 3
  - GRUB Original
  - **GRUB 2**
  - GRUB Legacy
6. For GRUB Legacy, which of the following is used to specify the second partition of the second hard drive?
  - (hd2,2)
  - (hd1,2)
  - (hd2,1)
  - **(hd1,1)**

7. In GRUB Legacy, which directive is not typically used after a title directive? (choose one)
- **boot**
  - initrd
  - kernel
  - root
8. In GRUB Legacy, the \_\_\_\_\_ directive indicates how long to wait before automatically booting the default operating system.
- **timeout=**
  - fallback=
  - kernel
  - password=
9. In GRUB Legacy, the \_\_\_\_\_ directive indicates an operating system to boot if the default operating system fails to boot.
- root
  - redo
  - timeout=
  - **fallback=**
10. In GRUB Legacy, the password directive in the global setting means:
- **The user must submit the specified password before appending, editing or using the GRUB command line.**
  - The user must submit the password before GRUB will attempt to boot the title.
  - You can't place a password directive in the global setting.
11. In GRUB Legacy, the password directive in the title directive setting means:
- **To boot a specific operating system, a password must be entered**
  - The password must be entered to display a menu of operating systems that are bootable
  - You can't place a password directive in the title directive setting
  - To edit any GRUB values, a password must first be entered
12. Which of the following commands can be used to create an encrypted password that can be used with the password directive in GRUB Legacy:
- crypt-md5-grub
  - crypt-grub
  - grub-crypt
  - **grub-md5-crypt**
13. Which of the following is not an advantage of GRUB 2 over GRUB Legacy?
- **Command-line interface**

- Ability to work with architectures that don't have a PC BIOS
  - Non-ASCII character support
  - Ability to boot from partitions inside of Logical Volume Management (LVM) or RAID devices
  - Dynamically loaded modules
14. The primary GRUB 2 configuration is overwritten when the \_\_\_\_\_ command is executed on Fedora systems.
- update-grub
  - nano
  - lilo
  - **grub2-mkconfig**
15. The primary GRUB 2 configuration is overwritten when the \_\_\_\_\_ command is executed on Ubuntu systems.
- redo
  - **update-grub**
  - grub2-mkconfig
  - silo
16. The GRUB2 setting that sets the default operating system to boot is called \_\_\_\_\_.
- GRUB\_BOOT\_DEFAULT
  - **GRUB\_DEFAULT**
  - GRUB\_TIMEOUT
  - GRUB\_DISTRIBUTOR
17. What is the real location of the GRUB Legacy configuration file?
- /var/local/grub.conf
  - /boot/grub.conf
  - /etc/grub/grub.conf
  - **/boot/grub/grub.conf**
18. What is the full path to the LILO configuration file?
- **/etc/lilo.conf**
  - /boot/lilo.conf
  - /etc/lilo
  - /var/lilo
19. To use an encrypted password in the GRUB Legacy configuration file, use the \_\_\_\_\_ option to the password directive.
- -crypt
  - **-md5**
  - -encrypt

- –secure
20. To specify a runlevel to boot at, add the run level to the end of the \_\_\_\_\_ directive line.
- **kernel**
  - system
  - title
  - boot
21. The primary configuration file for the GRUB 2 on a Fedora system is \_\_\_\_\_.
- /boot/grub/grub2.cfg
  - /boot/grub2.cfg
  - /boot/grub/grub.cfg
  - **/boot/grub2/grub.cfg**
22. The primary configuration file for GRUB 2 on an Ubuntu system is \_\_\_\_\_.
- /boot/grub2/grub.cfg
  - /boot/grub/grub2.cfg
  - **/boot/grub/grub.cfg**
  - /boot/grub2.cfg
23. The firmware bootloader for Sparc systems is called \_\_\_\_\_.
- BIOS
  - LILO
  - **SILO**
  - BOOT
24. The firmware bootloader for PowerPC systems is called \_\_\_\_\_.
- SILO
  - **YABOOT**
  - BIOS
  - LILO
25. Instead of modifying the primary configuration file for GRUB2, you should edit the \_\_\_\_\_ file.
- /etc/grub
  - /etc/grub-default
  - **/etc/default/grub**
  - /etc/grub-config-all
26. In GRUB Legacy, the \_\_\_\_\_ directive prevents GRUB from displaying all but the default bootable title until the user presses a key.
- securemenu
  - title

- titleonly
- **hiddenmenu**

27. In GRUB Legacy, the \_\_\_\_\_ directive defines the default operating system to boot.

- system=
- boot=
- **default=**
- grub=

28. In GRUB Legacy, the \_\_\_\_\_ directive defines an operating system to boot.

- boot
- os
- **title**
- system