

[Dashboard](#) / [My courses](#) / [ITEC 308](#) / [Topic 5](#) / [Quiz](#)**Started on** Tuesday, 16 April 2024, 3:15 PM**State** Finished**Completed on** Tuesday, 16 April 2024, 3:25 PM**Time taken** 9 mins 21 secs**Marks** 16.00/20.00**Grade** 8.00 out of 10.00 (80%)**Question 1**

Correct

Mark 1.00 out of 1.00

After completing the CentOS 7 installation, which tool can be used to manage software packages and updates?

- ☐ a. rpm
- ☒ b. yum
- ☐ c. dpkg
- ☐ d. apt



The correct answer is: yum

Question 2

Incorrect

Mark 0.00 out of 1.00

Applications communicate with kernel by using:

- ☒ a. Shell
- ☐ b. C Programs
- ☐ c. Shell Script
- ☐ d. System Calls



The correct answer is: System Calls

Question 3

Correct

Mark 1.00 out of 1.00

In CentOS 7, which command is used to display information about user accounts, including login name, UID, and group?

- ☐ a. userlist
- ☒ b. id
- ☐ c. whoami
- ☐ d. userinfo



The correct answer is: id

Question 4

Correct

Mark 1.00 out of 1.00

In what directory are you most likely to find user's home directories?

- ☐ a. /usr/local
- ☒ b. /home
- ☐ c. /var/lib
- ☐ d. /usr/third



The correct answer is: /home

Question 5

Correct

Mark 1.00 out of 1.00

Shell is ?

- ☐ a. Interface between user and applications
- ☐ b. Interface between Kernel and Hardware
- ☒ c. Command Interpreter
- ☐ d. Command Compiler



The correct answer is: Command Interpreter

Question 6

Correct

Mark 1.00 out of 1.00

The file permission 766 means

- ☐ a. Every one can read, group can execute only and the owner can read and write
- ☐ b. Every one can read and write and execute
- ☒ c. Every one can read, group including owner can write, owner alone can execute
- ☐ d. Every one can read and write, but owner alone can execute



The correct answer is: Every one can read, group including owner can write, owner alone can execute

Question 7

Incorrect

Mark 0.00 out of 1.00

The third stage of the boot process is:

- ☐ a. The firmware (BIOS/UEFI) stage
- ☐ b. The init phase
- ☐ c. The kernel phase
- ☒ d. The Bootloader (LILO/GRUB) stage



The correct answer is: The init phase

Question 8

Correct

Mark 1.00 out of 1.00

User's Primary Group id is listed in which file, at the time of creation of the user (On a standard Unix system)

- ☒ a. /etc/passwd
- ☐ b. /etc/login
- ☐ c. /etc/groups
- ☐ d. /etc/profile



The correct answer is: /etc/passwd

Question 9

Correct

Mark 1.00 out of 1.00

What does GNU stand for in the context of Linux?

- ☐ a. Graphics and Numerical Understanding
- ☐ b. General Networking Utilities
- ☒ c. GNU's Not UNIX
- ☐ d. Global Network Update



The correct answer is: GNU's Not UNIX

Question 10

Correct

Mark 1.00 out of 1.00

What GRUB stand for

- ☒ a. GRand Unified Bootloader
- ☐ b. GRand Unified Bootloading
- ☐ c. GRand Unified Bootable
- ☐ d. Syslinux



The correct answer is: GRand Unified Bootloader

Question 11

Correct

Mark 1.00 out of 1.00

What is GNOME in the context of Linux?

- ☐ a. A file system
- ☒ b. A desktop environment
- ☐ c. A programming language
- ☐ d. A package manager



The correct answer is: A desktop environment

Question 12

Correct

Mark 1.00 out of 1.00

Which authentication system is primarily used in CentOS 7 for user authentication?

- ☐ a. Kerberos
- ☒ b. PAM (Pluggable Authentication Modules)
- ☐ c. LDAP (Lightweight Directory Access Protocol)
- ☐ d. RADIUS (Remote Authentication Dial-In User Service)



The correct answer is: PAM (Pluggable Authentication Modules)

Question 13

Correct

Mark 1.00 out of 1.00

Which boot loader is used by default in CentOS 7 installations?

- ☐ a. Syslinux
- ☒ b. GRUB
- ☐ c. UEFI
- ☐ d. LILO



The correct answer is: GRUB

Question 14

Correct

Mark 1.00 out of 1.00

Which command is used in order to view the manual page for a topic?

- ☐ a. show
- ☐ b. doc
- ☐ c. help
- ☒ d. man



The correct answer is: man

Question 15

Correct

Mark 1.00 out of 1.00

Which file in CentOS 7 contains the configuration for user authentication rules and policies?

- ☐ a. /etc/shadow
- ☐ b. /etc/group
- ☒ c. /etc/login.defs
- ☐ d. /etc/passwd



The correct answer is: /etc/login.defs

Question 16

Correct

Mark 1.00 out of 1.00

Which installation option allows users to install CentOS 7 alongside another operating system, such as Windows?

- ☐ a. Virtualization
- ☒ b. Dual-boot installation
- ☐ c. Replace existing OS
- ☐ d. Custom installation



The correct answer is: Dual-boot installation

Question 17

Correct

Mark 1.00 out of 1.00

Which major Linux distribution is closely associated with the development of GNOME?

- ☐ a. Ubuntu
- ☒ b. Fedora
- ☐ c. Debian
- ☐ d. Arch Linux



The correct answer is: Fedora

Question 18

Not answered

Marked out of 1.00

Which octal notation below represents permissions of `rw-r-x--x`?

- ☐ a. 007
- ☐ b. 762
- ☐ c. 267
- ☐ d. 751

The correct answer is: 751

Question 19

Correct

Mark 1.00 out of 1.00

Which of the following is not a type of shell in Linux?

- ☐ a. Bourne Shell (sh)
- ☐ b. Korn Shell (ksh)
- ☐ c. Z Shell (zsh)
- ☒ d. Visual Shell (vsh)



The correct answer is: Visual Shell (vsh)

Question 20

Not answered

Marked out of 1.00

Which of the following would be the most reasonable permissions for a file that all users can read, but only the owner can write?

- ☐ a. 622
- ☐ b. 660
- ☐ c. 644
- ☐ d. 006

The correct answer is: 644

◀ User authentication and password policies

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