

0% COMPLETE

Challenges - cp, mv, rm, shred

Challenges - tar, ln

Challenges - locate, find

User Accounts Management

Understanding /etc/passwd and /etc/shadow files (8:51)

Understanding Linux Groups (groups, id)(4:56)

Creating User Accounts (useradd) (8:17)

Changing and Removing User

Challenges - cp, mv, rm, shred

How to solve these challenges:

- To be consistent with the filenames and paths run the commands on Ubuntu
- Write your solution **in a terminal** and **test it**.
- If your solution is not correct, then try to understand the error messages, watch the video again, rewrite the solution, and test it again. Repeat this step until you get the correct solution.
- Save** the solution in a file for future reference or recap.

Challenge #1

- Install the **tree** command which is necessary.
- Using shell commands create the following [directory structure](#).

```
student@ubuntu20-04: ~$ tree ~/linux
/home/student/linux
├── centos
│   ├── commands.txt
│   ├── security.txt
│   └── updates
│       └── latest
└── ubuntu
    └── apt.txt

3 directories, 4 files
student@ubuntu20-04: ~$
```

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #2

Considering this directory structure, copy the file called **security.txt** to the **updates** directory.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #3

Considering the solution from the previous challenge remove the file called **security.txt** from the directory called **updates**.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #4

Considering [the initial directory structure](#), copy the directory called **updates** from **centos** to **ubuntu**.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #5

Considering the solution from the previous challenge, remove the directory called **updates** from **ubuntu** directory.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #6

Considering [the initial directory structure](#) and using only one command copy the file called **apt.txt** and the directory called **updates** to **linux** directory.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #7

Considering the solution from the previous challenge remove the file called **apt.txt** and the directory called **updates** from the **linux** directory interactively (by prompting the user).

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #8

Considering [the initial directory structure](#), rename the directory called **centos** to **redhat** and then back to **centos**.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #9

Considering [the initial directory structure](#), copy the file called **security.txt** to **ubuntu** directory as **sec.txt**

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #10

- Create a file named **users.txt** by redirecting the output of the who command.
- Display the file contents.
- Remove the file in a secure manner by overwriting the file 50 times before removing it.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #11

Remove the entire [directory structure](#) without prompting.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).