CS528: Network Security Lab 1

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1 Deadline

Jan 29th, AoE. (You know the late penalty.)

2 Goal

Crack some passwords on Linux.

3 Description

In this lab, you will find a file named *shadow.txt* and a file named *passwd.txt*. They are essentially files copied from a running Linux system representing */etc/shadow* and */etc/passwd*. With the help of these 2 files and probably some password cracking tool, you should be able to crack some passwords of users within this system.

Go ahead to do the googling and figure out how to use those files to crack passwords and what password cracking tools are available there to play with. Rumors say "John" seems really helpful. In the end, feel free to use whatever tools as long as you are able to crack passwords here.

4 Deliverable

A screenshot of how you mange to crack these passwords.

5 Grading

You will need to crack at least 4 passwords in this lab to get a 100 points. If you mange to crash one more, you will get an extra 20 points.

6 Others

You should be able to do this lab using the VM you set up in Lab 0.

7 Warning

Please do not try to crack password in the wild without the permission of the corresponding parties!