

CS 6813 - Information, Security and Privacy

Assignment 1.2: Password Cracking

DUE: Thursday 19 Sept 2019 @ 5:55PM

Password Cracking

3 password lists from NYU Classes->Assignment->password.zip:

eharmony, linkedin, formspring

Spend time trying to compromise passwords

Use whatever language / libraries you want but no password crackers

What you should Turn in:

A zip file named as your NetID(e.g. ab123.zip) with:

Three text files (one for each password list) where each line contains the original line from the password file and the plaintext password separated by a space. No more than 100 lines in each file.

Files containing any source code used.

An 1 page pdf file named as your NetID(e.g. ab123.pdf) explaining:

1. The technique you used to obtain the passwords
2. Other techniques you considered
3. How were the passwords stored? Compare the difficulty in cracking passwords protected with each type of storage.

DO NOT TURN IN THE ORIGINAL PASSWORD LISTS. (We have them already)

Due before class next week!

Something to read and think about: <http://arstechnica.com/security/2013/05/how-crackers-make-minced-meat-out-of-your-passwords/>