CSCD 434-040 Network Security

Lab 8, Binary rewriting - Due, March 6, 2024

February 29, 2024

Overview

Today you'll use your binary rewriting skills to fix a program. The program needs to print all the strings inside conditional statements and indicate what grade you should receive.

Objectives

1. Rewrite all conditionals so that the strings inside of them are printed.
2. Rewrite the string that gets printed at the end so I know who to give a grade to.
3. Rewrite the value printed so I know how many points you wish to receive on the assignment.
4. Profit.

Write up

You **must** create a step by step guide I can follow in order to change the binary provided to the one you will turn in. If you do not provide correct documentation, you will receive a 0. If you choose to use a different tool than the one discussed in class, the instructions must be "bomb proof" and I should be able to give them to another student to recreate your binary. If you use the tool discussed in class, it will be easier because you can provide the exact commands used.

Turn in

Turn in your binary, and a step-by-step guide. Your guide must be either a PDF, or an HTML page (designed like a blog post). If you design a page, **do not post it to the internet until after the end of the quarter!** All the HTML files must be available in the turn in so we can view the page correctly. Turn in a tarball (`yourname.tar.gz`) of your assignment.

Extra credit

Bonus points to the best blog posts. We'll consider both detail and presentation/style.