

Project One Grading Rubric

Due Date: 1:59pm Tuesday, March 31st

_____ / 10pts - **Overview**

- Brief overview of the project, tell us about tw33tchainz
 - What are some of its features?

_____ / 10pts - **Password Hashing**

- What explicit operations does the hash algorithm do?
- How can it be reversed to get secret_pass?

_____ / 15pts - **Logging in as Admin**

- Identifies the avenue to login as admin
- Can login as admin (gets 'Authenticated!' message)

_____ / 10pts - **Vulnerability Analysis**

- Identifies the explicit vulnerability that can be used to get control of EIP
- Can reach the codepath to exploit said vulnerability

_____ / 5pts - **Checkpoint One**

- Submitted Checkpoint one by Tuesday 1:59pm, March 17th

_____ / 10pts - **Hijacking Control Flow**

- What can you / should you overwrite to get control of execution?
- Can arbitrarily set EIP

_____ / 10pts - **Shellcoding**

- What constraints did your shellcode have to account for?
- Shellcode successfully pops privileged shell, or prints the .pass file

_____ / 10pts - **Exploit Automation**

- Is your exploit 100% automated?
 - Can I run a single command/script (python, bash, etc) and get the flag?
- Degree of usability and portability otherwise

_____ / 20pts - **CTF Style Writeup**

- Goes into sufficient details regarding all of the above points
- Readability - Is it fun and easy to read? Visually interesting?
 - Use of images, code snippets, or diagrams might help

_____ / 100pts - **Final Grade**