



Project SAFETY

Darkly

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*Summary: This project is an introduction to computer security in the field
Web.*

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Chapter I

Preamble



There is something wrong ..

Chapter II

Introduction

When you develop your first website, you generally do not have a clue of existing vulnerabilities in the web world.

This small project aims to fill this gap, you will become aware of these vulnerabilities by an audit of a simple website. This site has gaps still regularly present on the sites you visit every day.

Here is a big introduction to general vulnerabilities that are found in the web world.

Chapter III

Objectives

This project aims to introduce you to computer security in maine do- web.

You can discover OWASP, which is neither more nor less, the largest project of web security to date.

You will also understand that many frameworks make auto- matic manner completely transparent to you.

chapter V

mandatory part

- Your output folder should contain only the things that have allowed you to solve each of the exploited flaws.
- Your rendering will be of the form:

```
$> Ls -al [.]

drwxr-xr-x 2 root root 4096 December 3 XX: XX {name} fault [.]

$> Ls -alR flaw {name} {name} fault: Total 16

drwxr-xr-x 3 root root 4096 December 3 3:22 p.m.. drwxr-xr-x 6 root root
4096 3:20 p.m. Dec. 3 ..
- rw-r - r-- 1 root root 5 December 3 3:22 p.m. flag
drwxr-xr-x 2 root root 4096 December 3 3:22 p.m. Resources flaw {name} / Resources:
Total 8

drwxr-xr-x 2 root root 4096 December 3 3:22 p.m.. drwxr-xr-x 3 root root
4096 3:22 p.m. Dec. 3 ..
- rw-r - r-- 1 root root 0 December 3 3:22 p.m. whatever.whatever
$> Cat {name} hole / flag | cat -e $ $
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX>
```

- In the Resources folder you place everything you need to prove your resolve in defense.



ATTENTION: All that is present in this case must be explained clearly without hesitation. NO binary should be present in this case.

- If you need to use a file specific for this on the ISO project, you need to download in defense. You must not under any circumstances put it in your deposit.
- In the case of use of a specific external software, you must prepare a specific environment (VM, docker, Vagrant).

- As part of your required part, you must complete 14 flaws different.
- In your defense, in some cases, you will be asked to fix for possible flaws you have exploited. It is strongly recommended to understand all that you operate.
- Be able to explain is often more important than the operation itself: pre- nose much time to understand and above all to ensure that you can be understood clearly.



For malignant (or not) ... Of course you have not the right to use such scripts sqlmap in order to make trivial operation. You will still have to clearly explain your approach in your defense.

Chapter VI Part

bonus



Bonuses will be recognized only if your required part is PERFECT. By PERFECT, it obviously means that it is fully implemented, and that it is not possible to its default behavior, even in case of error as vicious as it is, misuse, etc ... In practice this means that if your required part is not validated, your bonus will be completely IGNORED.

As part of your bonus round, you simply provide explanations for the most recognized flaws you have met.

chapter VII

Rendering and peer-assessment

Meet your work on your deposit GiT as usual. Only this work on your deposit will be evaluated in defense.