CSc 466/566 Computer Security

Assignment 7

Due 23:59, Monday, Dec 9, 2019
Worth 16% (ugrads), 16% (grads)

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A. Introduction

In this assignment we'll study Web security, in particular the SQL injection attack.

B. SQL Injection

1. Follow the instructions here

   https://seedsecuritylabs.org/lab_env.html

   to install VirtualBox and SEEDUbuntu16.04.zip.

2. To prepare,

   - watch this video: https://www.youtube.com/watch?v=_P8HCLkDInA
   - read the SQL tutorial: http://www.w3schools.com/sql
   - read the PHP tutorial: http://www.w3schools.com/php.

3. Go to

   http://www.cis.syr.edu/~wedu/seed/Labs_16.04/Web/Web_SQL_Injection

4. Copy the relevant files into your VM, apply the patch, etc., as described in Section 2.

5. Download the **Description** of the assignment:

   http:
   //www.cis.syr.edu/~wedu/seed/Labs_16.04/Web/Web_SQL_Injection/Web_SQL_Injection.pdf

6. Read the **Description**.

7. Follow the instructions in **Description** and solve the tasks:

Task	Points
1	10
2.1	10
2.2	10
2.3	10
3.1	20
3.2	20
4	20

8. Write a lab report that explains what you did.

9. Your lab-report should consist of a **one pdf file**, called `labreport.pdf`,

10. Submit `labreport.pdf` and any modifed files and source files to d2l.

C. Academic Integrity

This is an individual take-home assignment and it is obviously possible for you to get help solving it. This, however, **IS NOT ALLOWED**. You are bound by the University's rules of academic conduct as well as these rules:

1. You are not allowed to discuss the assignment with any human. This includes

   - Posting questions and getting help from online forums;
   - Getting help from classmates;
   - Getting help from anyone outside class.

2. You may not *provide* help to your classmates.

3. You may not look for the answer to the assignment on any website.

If you have any questions about the assignment you should see the instructor or the TA.