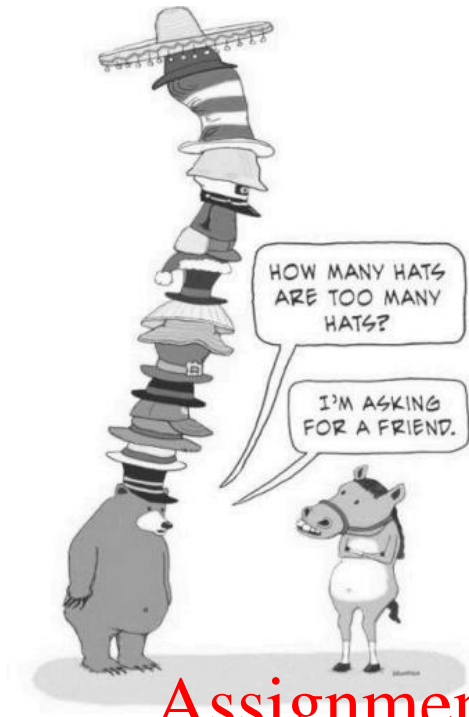


BACKGROUND:

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"Good News, Everyone!" A penetration testing firm has hired you, and as your first assignment, you've been given a small portfolio of websites to test. You immediately notice that the pages of different clients look very similar, with similar structure and conventions. With more digging, you determine that the same software company created them. Having this information, you know that any vulnerability you find on one site will likely be seen on every client's site. You also recognize the style of the pages and vulnerabilities and feel you have worked with this company in the past, remembering that they often use the same logic on the client and server side.

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Your goal is to bring visibility to these vulnerabilities by finding sensitive data not intended for viewing and testing the client's security on sites where user input is required. As a pen tester, you will have to wear many hats. Good luck, and we hope you enjoy learning about a couple of database attacks.

SETUP:

To get set up for the tasks, **carefully** follow the steps below. Log into the VM with the following user.

Username: Provided on project release in Database Security Project Canvas post

Password: Provided on project release in Database Security Project Canvas post

project_dbsec.json is available on the desktop. Put **all** hashes in this file and submit it as your final deliverable in Gradescope.

- To edit project_dbsec.json:
 - The file should be located on the desktop; if not, please copy the format listed in the Submission section
 - Note: You can create and edit this file using TextEdit or Vim. Do not use LibreOffice or any Word Document editor. It must be in proper JSON format with no special characters to pass the autograder, and these Word Document editors will likely introduce special characters.

To access the project:

- Update Notifier Popup Message (May or may not display):
 - You do not need to run the system upgrade and click the cancel button.
- Start the Container:
 - Run this at the terminal to start the API

```
$ ./StartContainer.sh
```

- You may close the Terminal Window after seeing the output: Container Started, current datetime.
- Open Web Browser:
 - Open your browser, choosing Google Chrome or Firefox.
 - In the address bar, go to the URL <http://www.gt-cs6035.com>
- Start with Task 0
 - Once complete, submit the flag0 hash to verify your GTID is correct, as all Tasks are based on this first hash!
- Other than Task 0 being completed first, Tasks 1 - 5 can be completed in whatever order. However, the instructions are laid out for simplicity, completing the tasks in order.

GATECH_ID

NOTE: This is not the Georgia Tech Username; it is the GTID you can find on your Buzzcard or by following the below steps:

Please see the [RequiredReading](#) page for instructions on retrieving your GTID.

Be very careful! When you copy and paste, strip off all leading spaces or special characters.

Disclaimer: You are responsible for the information on this website. The content is subject to change at any time.

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