

WEBD 236 Homework 8

Answer the following questions based on your reading of the text book, any supplemental material, and the instructor's presentation this week. If you use an external source (i.e. a web-page, the required textbook, or an additional book) to help you answer the questions, be sure to cite that source. You should probably always be citing a source.

Short Answer

1. **[3 points]** How are authentication and authorization related to one another? What problem does each solve?
2. **[3 points]** What are ACLs in the context of this class? What is RBAC? How does each address the issue of security?
3. **[3 points]** A user of a web browser enters an https:// URL. What is the process that the server and the browser goes through in order for the browser to receive and decrypt the page?
4. **[6 points]** Visit the OWASP Top 10 application security risks page for 2013: (https://www.owasp.org/index.php/Top_10_2013). Choose 3 of the ten listed, and discuss how the content in this course has addressed (or not addressed) the issue. Be sure to provide examples.
5. **[5 points]** Identify and describe two security implications of allowing file uploads. Describe the techniques for solving issues.
6. **[5 points]** Download and install the week 11 sample application with file uploads available from your instructor. Describe, in the context of this application, how it is possible to orphan an uploaded file (i.e. the metadata is deleted from the database, but the file still exists on disk).

Submission instructions

Create a single Word document with the solutions to the questions. Submit the Word document to the dropbox for the course.