

Secure Programming

HOMEWORK 4

Due: Saturday, 7, Jan. 2017

You may select and complete one of the following two problems, or if possible, you can do both.

1. The old versions of Wordpress (e.g., before v4.3) with some vulnerable plugins (e.g., Googmonify 0.8.1) have the problems of CSRF, XSS, SQL Injection and other attacks. Please complete the following tasks.
 - (a) Install a web server (Apache, Xampp, etc.)
 - (b) Install the old version Wordpress with some vulnerable plugins.
 - (c) Test CSRF (Cross-Site Request Forgery) attacks on the above system. (Refer to Exploit-db or Packet Storm websites)
2. Download the WebGoat 6 from the website: <https://github.com/WebGoat/WebGoat-Legacy/wiki/Installation-%28WebGoat-6.0%29>
You should install it, execute the program and try to pass the lessons. Please choose at least five lessons (not basic levels) and capture the screens about your attacking processes.