

Lab 5: Cross-Site Scripting Attack Lab (Elgg)

This lab assignment will give you first-hand experience performing cross-site scripting (XSS) attacks on an open-source web application for social networks and applying content security policy (CSP) for defenses. Please refer to the following link at SEEDLabs:

https://seedsecuritylabs.org/Labs_20.04/Web/Web_XSS_Elgg/

The lab description is at:

https://seedsecuritylabs.org/Labs_20.04/Files/Web_XSS_Elgg/Web_XSS_Elgg.pdf

Labsetup.zip files:

https://seedsecuritylabs.org/Labs_20.04/Files/Web_XSS_Elgg/Labsetup.zip

Please review the list of tasks below and work only on the required tasks.

If you have any questions, please let the instructor know.

Deliverables:

Upload a Word document containing each Task's terminal outputs (Use screenshots):

Please include all source code, shell commands, and running results in the lab report. That is, please describe what you have done and what you have observed, including screenshots and code snippets. Do not forget to include your observations when required.

Note: Include your code (or a screenshot of it) when (1) first calling the program and (2) when modifying the code

Work only on the required tasks as follows:

- Task 1 – 5pts
- Task 2 – 5pts
- Task 3 – 10pts
- Task 4 – 20pts
- Task 5 – 20pts
- Task 6 – 15pts
- Task 7 – 25pts

Total: 100pts