

Installation and Pre-Requisites:

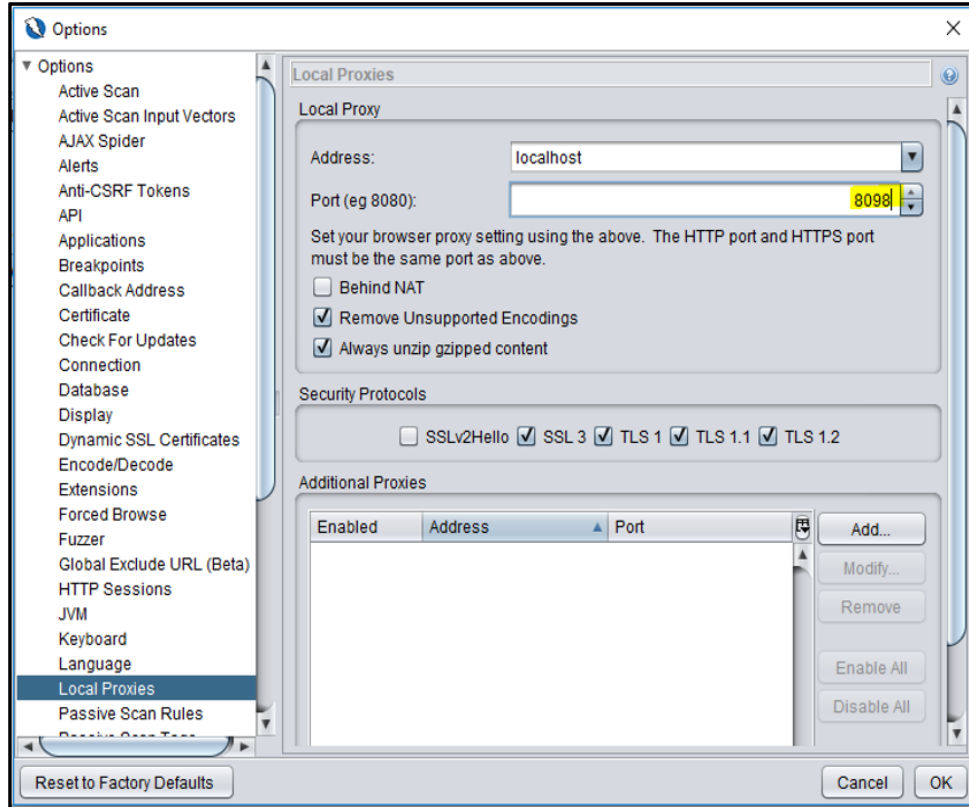
- Eclipse IDE
- Download the latest Chrome driver for browser automation from <https://sites.google.com/a/chromium.org/chromedriver/downloads>
- Download and Install OWASP ZAP from <https://github.com/zaproxy/zaproxy/wiki/Downloads>
- ZAP API jar files from <https://github.com/continuumsecurity/zap-webdriver/tree/master/libs>
 - harlib-1.1.1.jar
 - proxy-2.4.2-SNAPSHOT.jar
 - zap-api-2.4-v6.jar
- The test application BodgeIt Store has been configured and deployed in the local machine. Download BodgeIt Store application from <https://code.google.com/archive/p/bodgeit/>

Please note: It is not legal to perform penetration testing on publicly hosted applications. Please do not perform security scans on applications without appropriate permissions.

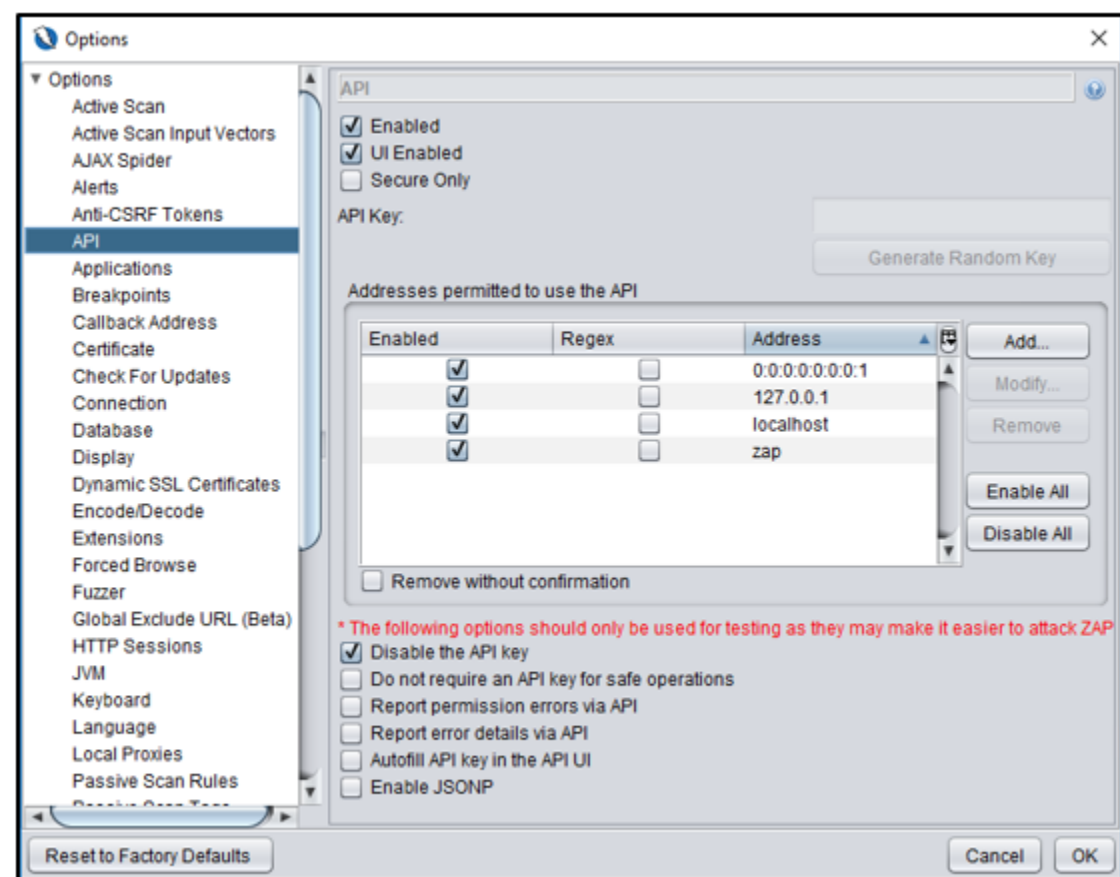
For educational purposes, use sample test applications, deploy them in local environments, and perform security scans.

Open ZAP stand-alone interface and verify the settings mentioned below:

- Proxy details in the `ZapSecurityTest.java` class must match proxy details in ZAP stand-alone interface with the Options as highlighted;



* The API key must be disabled:



Additional notes:

1. Before executing the project, open the ZAP stand-alone interface in the background
2. Execute the project using the Maven commands: `clean test`
3. The log results will appear in the console. These results will specify the presence of security vulnerabilities in the web application

Project Structure:

