**CTF: Using Burp Suite Extension with Chrome**

**Introduction**

Burp Suite is a powerful web security testing tool that allows you to intercept, inspect, and modify HTTP traffic between your browser and web servers. This CTF challenge will guide you through using Burp Suite with Chrome to find and exploit web vulnerabilities on the target website `http://zero.webappsecurity.com`.

**Tools and Requirements**

Web Browser: Google Chrome

Burp Suite Extension for Chrome: "FoxyProxy" or any similar extension

Target Website: http://zero.webappsecurity.com

**Setup and Configuration**

1. Configure Chrome with Burp Suite:

* Install the "FoxyProxy" extension from the Chrome Web Store.
* Configure FoxyProxy to route traffic through Burp Suite by setting up a proxy on 127.0.0.1:8080.

2. Launch Burp Suite:

* Open Burp Suite and navigate to the "Proxy" tab.
* Ensure the proxy listener is active on 127.0.0.1:8080.

3. Configure Chrome to Use the Proxy:

* Open FoxyProxy in Chrome and create a new proxy configuration.
* Set the proxy IP to 127.0.0.1 and the port to 8080.
* Enable the proxy configuration in FoxyProxy.

**Challenge Instructions**

1. Intercept HTTP Traffic:

* Open Chrome and navigate to the target website: `http://zero.webappsecurity.com`.
* Ensure Burp Suite is intercepting traffic by viewing requests in the "HTTP history" tab under "Proxy".

2. Find a Vulnerable Input Field:

* Explore the target website and look for forms or input fields (e.g., login form, feedback form).

3. Analyze a Request:

* Submit a form with test input and intercept the request in Burp Suite.
* Analyze the HTTP request and response to identify potential vulnerabilities.

**Tasks and Questions**

1. Task 1: Intercept and Inspect Traffic

Question: What is the URL of the intercepted request when you submit the login form?

Answer: The URL is <http://zero.webappsecurity.com/login.html>

**Information on how to Install an Extension**

Link :

<https://portswigger.net/burp/documentation/desktop/external-browser-config/browser-config-chrome-windows>