

Day 16: Wi-Fi Auditing, Phishing & Burp Suite Setup

Date: July 5, 2025

Topics Covered:

- IP Tracker: Phishing-based information gathering
 - Wi-Fi auditing with Airedddon
 - Cyber threat presentation: Malware & Phishing
 - Burp Suite Professional: Linux setup
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IP-Tracker (Phishing-based Info Collection)

IP-Tracker is a tool used to create phishing links that can log a user's IP address and system information when clicked. These tools are often deployed using platforms or scripts designed to mimic legitimate links.

Collected information may include:

- IP address
- Geolocation
- Browser and device info (User-Agent)

(This is used strictly for educational and ethical hacking purposes with proper consent.)

Airedddon: Wireless Auditing Tool

Airedddon is a bash-based script suite for performing Wi-Fi security assessments. It allows for tasks such as deauthentication attacks, handshake captures, and password cracking. It is often used in labs to simulate attacks on wireless networks.

Key features include:

- Evil Twin attacks
- WPA handshake capturing
- PMKID attacks
- Deauthentication and monitoring

(It requires a compatible Wi-Fi adapter capable of monitor mode and additional dependencies like Aircrack-ng.)

Cyber Threats: Malware & Phishing

A visual session was conducted to explain key cyber threats, focusing on malware and phishing attacks.

Topics included:

Types of Malware:

- Virus
- Worms
- Trojans
- Ransomware

Phishing Techniques:

- Email spoofing
- Fake login pages
- Social engineering

Burp Suite Professional Setup (Linux)

Burp Suite Professional is a web application security testing tool used for intercepting, analyzing, and exploiting vulnerabilities in HTTP/HTTPS traffic. In this session, the Linux setup process was covered, including making the installer executable and completing the GUI-based installation.

This setup prepares systems for advanced web penetration testing workflows.

Key Learnings

- IP tracking tools simulate phishing scenarios to study user metadata exposure.
- Airgeddon provides a practical framework for wireless penetration testing.
- Burp Suite is a staple in web security assessment.
- Understanding malware and phishing through visual modules aids in concept retention.