

CYBERSECURITY DAILY DAIRY

Day 17: Website Auditing & Burp Suite in Windows (July 6, 2025)

Topics Covered:

- Burp Suite installation on Windows.
- Website auditing concepts.
- Search engine rules & SEO types.
- Business logic and server-side vulnerabilities.
- HTTPS, SSL/TLS, and data transfer methods.
- Common hacking terms: bots, MITM, sniffing.

Burp Suite Installation on Windows

Installed Burp Suite (Community/Professional Trial) on Windows. Configured HTTP proxy to capture and modify browser traffic.

Website Auditing Fundamentals

Website auditing includes:

- Crawling site structure.
- Finding broken links, insecure endpoints.
- Identifying hidden files (e.g., robots.txt).
- Testing forms, authentication, sessions.
- `robots.txt` tells search bots what to crawl.
- SERP (Search Engine Result Page) is search results.

SEO Types

Type	Description
On-Page SEO	Optimizing content, titles, tags, and speed
Off-Page SEO	Backlinking and external promotion
Local SEO	Optimizing for location-specific search

Website Vulnerabilities

- Business Logic: Flaws in app behavior (e.g., price manipulation).
- Server-side: API flaws, logic errors.
- Client-side: XSS, DOM-based issues.
- Request/Response manipulation (with Burp Suite).

Secure Protocols

SSL/TLS in HTTPS encrypts data.