

Week 6 — Security Audits & Deployment (Final Report)

Intern: Syeda Bushra Hamdani Repo: <https://github.com/SyedaBushra914/Cyber-Security-Internship-Week-04-6>

Executive Summary

Performed automatic scans (OWASP ZAP, Nikto) and host audit (Lynis). Implemented Docker hardening and Dependabot suggestions.

Audits

OWASP ZAP baseline, Nikto HTTP checks, Lynis host hardening summary.

Deployment

Dockerfile uses non-root user, minimal base image; CI scanning configured in workflow.

Results

No high/critical issues; medium/low items documented and scheduled for follow-up.

OWASP ZAP — Baseline Scan

Alerts: 0 High, 1 Medium (Missing X-Content-Type-Options)

Site: http://localhost:4200/

Generated: 2025-08-15 11:20 UTC

Nikto — Scan Summary

Server: Express

Warnings: X-Frame-Options not present

Generated: 2025-08-15 11:20 UTC

Lynis — Host Audit

Hardening index: 71 (Medium)

Suggestions: 11, Warnings: 2

Generated: 2025-08-15 11:20 UTC