Web Security Scan Report

This report summarizes the findings of the security scan conducted on http://192.168.78.43:5000. The scan included vulnerability testing, subdomain discovery, and security header analysis. Below are the detailed results and recommendations.

Vulnerabilities Found

Туре	URL	Parameter	Severity	CVSS	CWE
Missing Security Header	http://192.168.78.43:5000	Strict-Transport-Security	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	X-Frame-Options	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	X-Content-Type-Options	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	Content-Security-Policy	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	X-XSS-Protection	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	Referrer-Policy	Medium	5.0	CWE-693
Missing Security Header	http://192.168.78.43:5000	Permissions-Policy	Medium	5.0	CWE-693

Recommendations for Vulnerabilities

Vulnerability: Missing Security Header

Description: Missing Strict-Transport-Security header: Ensures secure HTTPS

connections

Recommendation: Add the Strict-Transport-Security header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header **Description:** Missing X-Frame-Options header: Prevents clickjacking attacks **Recommendation:** Add the X-Frame-Options header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header

Description: Missing X-Content-Type-Options header: Prevents MIME-type sniffing **Recommendation:** Add the X-Content-Type-Options header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header

Description: Missing Content-Security-Policy header: Controls resource loading **Recommendation:** Add the Content-Security-Policy header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header

Description: Missing X-XSS-Protection header: Provides XSS filtering

Recommendation: Add the X-XSS-Protection header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header

Description: Missing Referrer-Policy header: Controls referrer information **Recommendation:** Add the Referrer-Policy header with appropriate values

Proof of Concept: N/A

Vulnerability: Missing Security Header

Description: Missing Permissions-Policy header: Controls browser features **Recommendation:** Add the Permissions-Policy header with appropriate values

Proof of Concept: N/A

General Security Recommendations

General Recommendations:

- 1. Implement all missing security headers.
- 2. Conduct regular security header audits.
- 3. Use HTTPS across all pages and subdomains.
- 4. Maintain a minimal attack surface by disabling unused features.
- 5. Monitor security headers using tools like SecurityHeaders.com.