

# Web Security Scan Report

URL Scanned:	http://testphp.vulnweb.com/
Scan Date:	2025-07-27 11:52:24 UTC
Security Score:	15 / 100
Overall Risk Level:	Critical

## Key Findings

- Strict-Transport-Security:** Protects against protocol downgrade attacks and cookie hijacking.
- Content-Security-Policy:** Helps prevent Cross-Site Scripting (XSS) and other code injection attacks.
- SSL Connection Refused: No HTTPS service or firewall blocking port 443.:** SSL Connection Refused: No HTTPS service or firewall blocking port 443.

## Detailed Security Checklist

Check	Status	Severity	What This Means (Context)
Strict-Transport-Security	Missing	High	Protects against protocol downgrade attacks and cookie hijacking.
Content-Security-Policy	Missing	High	Helps prevent Cross-Site Scripting (XSS) and other code injection attacks.
X-Frame-Options	Missing	Medium	Protects against "clickjacking" attacks by preventing the site from being framed.
X-Content-Type-Options	Missing	Medium	Prevents the browser from MIME-sniffing a response away from the declared content-type.
Referrer-Policy	Missing	Low	Controls how much referrer information is sent with requests.
Permissions-Policy	Missing	Low	Allows control over which browser features can be used on the site.
SPF Record	Missing	Low	Sender Policy Framework (SPF) helps prevent email spoofing.
DMARC Record	Missing	Medium	DMARC protects against phishing and spoofing attacks.
SSL Connection Refused: No HTTPS service or firewall blocking port 443.	Found	Critical	SSL Connection Refused: No HTTPS service or firewall blocking port 443.
Sender Policy Framework (SPF) record is missing.	Found	Low	Sender Policy Framework (SPF) record is missing.
DMARC (Domain-based Message Authentication, Reporting, and Conformance) record is missing.	Found	Medium	DMARC (Domain-based Message Authentication, Reporting, and Conformance) record is missing.

## Additional Information

Server Software:	Not advertised
SPF Record:	Not found
DMARC Record:	Not found
Tech Stack:	Error: C, o, u, l, d, , n, o, t, , p, e, r, f, o, r, m, , t, e, c, h, , a, n, a, l, y, s, i, s, .

## Discovered Subdomains

Subdomains:

Error: Could not connect to crt.sh. Please check your internet connection, DNS, or proxy settings.  
(HTTPSPool(host='crt.sh', port=443): Max retries exceeded with url: /?q=%25.testphp.vulnweb.com&output=json (Caused by ProxyError('Unable to connect to proxy', OSError('Tunnel connection failed: 403 Forbidden'))))

Open Ports

Ports: No common ports found open.

WHOIS Information

Error: Could not retrieve WHOIS info. Reason: [Errno 111] Connection refused. The WHOIS service might be unavailable or rate-limiting.

DNS Records

A Records:	44.228.249.3
AAAA Records:	Not found
MX Records:	Not found
TXT Records:	google-site-verification:toEctYsulNlxgraKk7H3z58PCyz2IOcc36plupEPmYQ
NS Records:	Not found

SSL/TLS Certificate

Error: Connection Refused on Port 443: The server actively rejected the connection. This could mean no HTTPS service is running, a firewall is blocking access, or the server is down.

Wayback Machine

Status:	Available
URL:	<a href="http://web.archive.org/web/20250716085721/http://testphp.vulnweb.com/">http://web.archive.org/web/20250716085721/http://testphp.vulnweb.com/</a>
Timestamp:	2025-07-16 08:57:21 UTC

JavaScript Libraries

Library	Version	Severity	Summary
Error	N/A	Error	Error during JS analysis: Vulnerability database (jsrepository.json) not found.

Active Tests Performed

- Initial HTTP Request & Basic Info: **Error**
- WHOIS Lookup: **Error**
- DNS Records: **Performed**
- SSL Certificate: **Error**
- Email Security (SPF/DMARC): **Performed**
- Wayback Snapshots: **Performed**
- Port Scan: **Performed**
- Subdomain Enumeration: **Error**
- JavaScript Vulnerability Scan: **Error**

Prioritized Recommendations

1. Check if a web server is running and listening on HTTPS (port 443). Verify firewall rules (both server-side and network-level) are not blocking incoming connections on port 443.
2. Define a strong CSP to control which resources can be loaded.
3. Implement HSTS to enforce secure (HTTPS) connections.

This report was generated by CRAW Security Scanner. Information is for assessment purposes only.