

# Wapiti vulnerability report

Target: <http://vulnweb.com/>

Date of the scan: Tue, 09 Jul 2024 02:07:22 +0000. Scope of the scan: folder

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## Summary

Category	Number of vulnerabilities found
Backup file	0
Blind SQL Injection	0
Weak credentials	0
CRLF Injection	0
Content Security Policy Configuration	1
Cross Site Request Forgery	0
Potentially dangerous file	0
Command execution	0
Path Traversal	0
Htaccess Bypass	0
HTTP Secure Headers	4
HttpOnly Flag cookie	0
Open Redirect	0
Secure Flag cookie	0
SQL Injection	0
Server Side Request Forgery	0

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Category	Number of vulnerabilities found
Cross Site Scripting	0
XML External Entity	0
Internal Server Error	0
Resource consumption	0
Fingerprint web technology	0

## Content Security Policy Configuration

### Description

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks.

### Vulnerability found in /

Description	HTTP Request	cURL command line
CSP is not set		

### Solutions

Configuring Content Security Policy involves adding the Content-Security-Policy HTTP header to a web page and giving it values to control what resources the user agent is allowed to load for that page.

### References

- Mozilla: Content Security Policy (CSP)
- OWASP: Content Security Policy Cheat Sheet
- OWASP: How to do Content Security Policy (PDF)

## HTTP Secure Headers

## Description

HTTP security headers tell the browser how to behave when handling the website's content.

## Vulnerability found in /

Description	HTTP Request	cURL command line
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```
X-Frame-Options is not set
```

## Vulnerability found in /

Description	HTTP Request	cURL command line
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```
X-XSS-Protection is not set
```

## Vulnerability found in /

Description	HTTP Request	cURL command line
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```
X-Content-Type-Options is not set
```

## Vulnerability found in /

Description	HTTP Request	cURL command line
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```
Strict-Transport-Security is not set
```

## **Solutions**

Use the recommendations for hardening your HTTP Security Headers.

## **References**

- Netsparker: HTTP Security Headers: An Easy Way to Harden Your Web Applications
- KeyCDN: Hardening Your HTTP Security Headers
- OWASP: HTTP SECURITY HEADERS (Protection For Browsers) (PDF)