



Security Assessment Report

Comprehensive Web Application Security Analysis



Scan Details

Target <https://juice-shop.herokuapp.com/> Scan Date: 2025-09-09 00:13:29 Total Duration: 0.0 seconds

Scanners Used: 6 modules



Security Overview

OVERALL RISK: MEDIUM

10

Total Vulnerabilities

2

Secure Components

4

Links Analyzed

0

Forms Tested

Access Control

SECURE

CSRF Protection

NO DATA

Tests for unauthorized access to restricted resources and functionalities

Vulnerabilities: 0 Links Crawled: 0

Forms Found: 0 Scan Time: 0.0s

No vulnerabilities detected. Security measures appear effective.

 [View Detailed Report](#)

Validates Cross-Site Request Forgery prevention mechanisms

Vulnerabilities: 0 Links Crawled: 0

Forms Found: 0 Scan Time: 0.0s

No data available from this scanner

SQL Injection

HIGH RISK

Examines database security against injection attacks

Vulnerabilities: 6 Links Crawled: 1

Forms Found: 0 Scan Time: 41.0s

Critical: 6 significant vulnerabilities found. Immediate action required.

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XSS Prevention

SECURE

Tests protection against Cross-Site Scripting vulnerabilities

Vulnerabilities: 0 Links Crawled: 2

Forms Found: 0 Scan Time: 28.0s

No vulnerabilities detected. Security measures appear effective.

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Cors

MEDIUM RISK

cors security assessment

Vulnerabilities: 3 Links Crawled: 1

Forms Found: 0 Scan Time: 36.0s

Identified 3 vulnerabilities requiring attention.

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Ssl Tls

LOW RISK

ssl_tls security assessment

Vulnerabilities: 1 Links Crawled: 0

Forms Found: 0 Scan Time: 0.0s

Found 1 minor issue. Consider reviewing for improvements.

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Security Recommendations

Secure Database Interactions

Use parameterized queries or prepared statements, implement input validation, and apply the principle of least privilege for database accounts.

Regular Security Testing

Schedule regular security assessments, implement automated security testing in your CI/CD pipeline, and stay updated with latest security best practices.

Security Headers

Implement security headers like HSTS, X-Frame-Options, X-Content-Type-Options, and Content Security Policy to enhance overall security posture.



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This automated security assessment should be complemented with manual security testing.