

# Scancrypt Vulnerability Report

## Scan Report for: http://localhost:8081

Date: 2026-01-16 04:07:49

### Executive Summary

Critical: 4

High: 2

Medium: 3

Low: 27

Info: 6

### Detailed Findings

#### 1. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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#### 2. [Low] Unknown Issue

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Param:** cmd

**Payload:** ; echo 'sc\_rce\_test'

**Description:**

**Remediation:**

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#### 3. [Medium] Reflected Cross-Site Scripting (XSS)

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

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**Param:** cmd

**Payload:** <sc\_test>

**Description:**

The application reflects untrusted data in a web page without proper validation or escaping, allowing execution of malicious scripts.

**Remediation:**

Context-aware output encoding (escaping) of all user input before rendering it in the browser.

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## 4. [Low] Missing Security Header

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 5. [Low] Missing Security Header

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 6. [Low] Missing Security Header

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 7. [Low] Missing Security Header

**URL:** http://localhost:8081/rce?cmd=echo 'hello'

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and

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XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 8. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081/lfi?file=test.txt

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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## 9. [Critical] Local File Inclusion (LFI)

**URL:** http://localhost:8081/lfi?file=test.txt

**Param:** file

**Payload:** ../../../../etc/passwd

**Description:**

The application allows reading arbitrary files from the server via path traversal sequences.

**Remediation:**

Validate user input against a whitelist of permitted filenames. Disable 'allow\_url\_include' in PHP.

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## 10. [Critical] Local File Inclusion (LFI)

**URL:** http://localhost:8081/lfi?file=test.txt

**Param:** file

**Payload:** ../../../../windows/win.ini

**Description:**

The application allows reading arbitrary files from the server via path traversal sequences.

**Remediation:**

Validate user input against a whitelist of permitted filenames. Disable 'allow\_url\_include' in PHP.

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## 11. [Critical] Local File Inclusion (LFI)

**URL:** http://localhost:8081/lfi?file=test.txt

**Param:** file

**Payload:** .....//etc/passwd

**Description:**

The application allows reading arbitrary files from the server via path traversal sequences.

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**Remediation:**

Validate user input against a whitelist of permitted filenames. Disable 'allow\_url\_include' in PHP.

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## 12. [Low] Missing Security Header

**URL:** http://localhost:8081/lfi?file=test.txt

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 13. [Low] Missing Security Header

**URL:** http://localhost:8081/lfi?file=test.txt

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 14. [Low] Missing Security Header

**URL:** http://localhost:8081/lfi?file=test.txt

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 15. [Low] Missing Security Header

**URL:** http://localhost:8081/lfi?file=test.txt

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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# Scancrypt Vulnerability Report

## 16. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081/cors

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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## 17. [High] CORS Misconfiguration (Insecure Origin)

**URL:** http://localhost:8081/cors

**Payload:** *Origin: http://evil-scanner.com*

**Description:**

The application accepts arbitrary origins (Access-Control-Allow-Origin: \* or null), allowing attackers to steal data.

**Remediation:**

Whitelist trusted origins. Do not reflect the 'Origin' header blindly.

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## 18. [Low] Missing Security Header

**URL:** http://localhost:8081/cors

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 19. [Low] Missing Security Header

**URL:** http://localhost:8081/cors

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 20. [Low] Missing Security Header

**URL:** http://localhost:8081/cors

**Description:**

# Scancrypt Vulnerability Report

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 21. [Low] Missing Security Header

**URL:** http://localhost:8081/cors

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 22. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081/ssti?name=Guest

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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## 23. [Low] Unknown Issue

**URL:** http://localhost:8081/ssti?name=Guest

**Param:** name

**Payload:** ; echo 'sc\_rce\_test'

**Description:**

**Remediation:**

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## 24. [Critical] Server-Side Template Injection (SSTI)

**URL:** http://localhost:8081/ssti?name=Guest

**Param:** name

**Payload:** \${{7\*7}}

**Description:**

The application blindly processes user input inside a template engine. This often leads to RCE.

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**Remediation:**

Do not pass user input directly to templates. Use a 'Sandboxed' environment.

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## 25. [Medium] Reflected Cross-Site Scripting (XSS)

**URL:** http://localhost:8081/ssti?name=Guest

**Param:** name

**Payload:** <sc\_test>

**Description:**

The application reflects untrusted data in a web page without proper validation or escaping, allowing execution of malicious scripts.

**Remediation:**

Context-aware output encoding (escaping) of all user input before rendering it in the browser.

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## 26. [Low] Missing Security Header

**URL:** http://localhost:8081/ssti?name=Guest

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 27. [Low] Missing Security Header

**URL:** http://localhost:8081/ssti?name=Guest

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 28. [Low] Missing Security Header

**URL:** http://localhost:8081/ssti?name=Guest

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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# Scancrypt Vulnerability Report

## 29. [Low] Missing Security Header

**URL:** http://localhost:8081/ssti?name=Guest

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 30. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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## 31. [Low] Sensitive Data Exposure

**URL:** http://localhost:8081

**Description:**

The application exposes sensitive information (emails, keys, passwords) in its responses.

**Remediation:**

Ensure sensitive data is not returned in API responses or HTML comments. Use generic error messages.

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## 32. [Low] Missing Security Header

**URL:** http://localhost:8081

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 33. [Low] Missing Security Header

**URL:** http://localhost:8081

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and



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XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 34. [Low] Missing Security Header

**URL:** http://localhost:8081

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 35. [Low] Missing Security Header

**URL:** http://localhost:8081

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 36. [Info] Technology Stack Disclosure

**URL:** http://localhost:8081/sqli?id=1

**Description:**

The application discloses specific technology versions via headers or default files, which aids attackers in finding known exploits.

**Remediation:**

Configure the server to suppress 'Server' and 'X-Powered-By' headers. Remove default welcome pages.

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## 37. [High] SQL Injection

**URL:** http://localhost:8081/sqli?id=1

**Param:** id

**Payload:** '

**Description:**

The application allows untrusted user input to interfere with a database query. This could allow an attacker to view, modify, or delete data.

**Remediation:**

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Use parameterized queries (Prepared Statements) for all database access. Validate and sanitize all user input.

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## 38. [Medium] Reflected Cross-Site Scripting (XSS)

**URL:** http://localhost:8081/sqli?id=1

**Param:** id

**Payload:** <sc\_test>

**Description:**

The application reflects untrusted data in a web page without proper validation or escaping, allowing execution of malicious scripts.

**Remediation:**

Context-aware output encoding (escaping) of all user input before rendering it in the browser.

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## 39. [Low] Missing Security Header

**URL:** http://localhost:8081/sqli?id=1

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 40. [Low] Missing Security Header

**URL:** http://localhost:8081/sqli?id=1

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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## 41. [Low] Missing Security Header

**URL:** http://localhost:8081/sqli?id=1

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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# Scancrypt Vulnerability Report

## 42. [Low] Missing Security Header

**URL:** http://localhost:8081/sqli?id=1

**Description:**

The application is missing common HTTP security headers that provide protection against attacks like Clickjacking and XSS.

**Remediation:**

Configure the web server to send strict security headers (CSP, HSTS, X-Frame-Options).

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