

Security Testing

Objective: To ensure the system is protected from possible intruders and finding all possible loopholes.

Tool Used: Immuni Web

The security testing was done on the following parameters:

- Tested on: Dec 1st, 2024 04:58:38 GMT +5:30
- Server IP: 76.76.21.61
- Reverse DNS: Absent
- Location: Walnut, USA
- Client: Desktop version

Server Security Test

Web Server Security Test

| HTTP RESPONSE | HTTP VERSIONS | NPN |
|-----------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| 200 | HTTP/1.0 HTTP/1.1 HTTP/2 | N/A |
| ALPN | CONTENT ENCODING | SERVER SIGNATURE |
| H2 | None | Vercel |
| WAF | LOCATION | HTTP METHODS ENABLED |
| No WAF detected | Carolina Internet, Ltd. | ✓ GET ✓ HEAD ✓ OPTIONS |

Software Security Test

| | | |
|---------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|
| Web Software Found | Web Software Outdated | Web Software Vulnerabilities |
| 1 | 1 | 0 |
| Fingerprinted CMS & Vulnerabilities | | |
| No CMS were fingerprinted on the website. | | Information |
| Fingerprinted CMS Components & Vulnerabilities | | |
| React 19.0.0-rc-66855b96-20241106 | | |
| The component is outdated. No known security vulnerabilities found. Update to the most recent version 18.3.1. | | |

GDPR Compliance Test

PRIVACY POLICY

| | |
|--------------------------------------------------------------------------|------------------------------|
| Privacy Policy was not found on the website or is not easily accessible. | Misconfiguration or weakness |
|--------------------------------------------------------------------------|------------------------------|

WEBSITE SECURITY

| | |
|------------------------------------------------------------------------------------|--------------------|
| No publicly known vulnerabilities were found in the website CMS or its components. | Good configuration |
|------------------------------------------------------------------------------------|--------------------|

TLS ENCRYPTION

| | |
|------------------------------------------------|--------------------|
| HTTPS encryption is present on the web server. | Good configuration |
|------------------------------------------------|--------------------|

COOKIE PROTECTION

| | |
|-------------------------------------------------------------------|-------------|
| No cookies with personal or tracking information seem to be sent. | Information |
|-------------------------------------------------------------------|-------------|

COOKIE DISCLAIMER

| | |
|------------------------------------------------------------------------------|-------------|
| No third-party cookies or cookies with tracking information seem to be sent. | Information |
|------------------------------------------------------------------------------|-------------|

HTTPS Headers Security

HTTP Headers Security

| | |
|---------------------------------------------------------------------------------|------------------------------|
| Some HTTP headers related to security and privacy are missing or misconfigured. | Misconfiguration or weakness |
|---------------------------------------------------------------------------------|------------------------------|

MISSING REQUIRED HTTP HEADERS

| | |
|-----------------|------------------------|
| X-Frame-Options | X-Content-Type-Options |
|-----------------|------------------------|

MISSING OPTIONAL HTTP HEADERS

| |
|--------------------|
| Permissions-Policy |
|--------------------|

SERVER

| | |
|-------------------------------------------|--------------------|
| Web server does not disclose its version. | Good configuration |
|-------------------------------------------|--------------------|

Server

Server: Vercel

ACCESS-CONTROL-ALLOW-ORIGIN

| | |
|-----------------------------|--------------------|
| The header is properly set. | Good configuration |
|-----------------------------|--------------------|

Access-Control-Allow-Origin

Access-Control-Allow-Origin: *

STRICT-TRANSPORT-SECURITY

| | |
|-----------------------------|--------------------|
| The header is properly set. | Good configuration |
|-----------------------------|--------------------|

Cookie Privacy

Cookies Privacy and Security Analysis

No cookies were sent by the web application.

Good configuration

Summary:

- GET HTTP method is enabled
- No CMS is present
- Software Component is outdated in website
- No privacy policy found
- No publicly found vulnerabilities
- HTTPs encryption present
- No cookies
- No third-party cookies
- Header properly set
- Web server does not disclose the its version