



SOLIDProof
Bring trust into your projects

**Blockchain Security | Smart Contract Audits | KYC
Development | Marketing**

MADE IN GERMANY

AUDIT
SECURITY ASSESSMENT

18. March, 2024

FOR

Lanify Browser Extension



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Introduction

SolidProof.io is a brand of the officially registered company MAKE Network GmbH, based in Germany. We're mainly focused on Blockchain Security such as Smart Contract Audits and KYC verification for project teams.

Solidproof.io assess potential security issues in the smart contracts implementations, review for potential inconsistencies between the codebase and the whitepaper/documentation, and provide suggestions for improvement.

Disclaimer

SolidProof.io reports are not, nor should be considered, an "endorsement" or "disapproval" of any particular project or team. These reports are not, nor should be considered, an indication of the economics or value of any "product" or "asset" created by any team. SolidProof.io do not cover testing or auditing the integration with external contract or services (such as Unicrypt, Uniswap, PancakeSwap etc'...)

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SolidProof.io Reports represent an extensive auditing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology. Blockchain technology and cryptographic assets present a high level of ongoing risk. SolidProof's position is that each company and individual are responsible for their own due diligence and continuous security. SolidProof in no way claims any guarantee of security or functionality of the technology we agree to analyze.

Project Overview

Summary

Project Name	Webchain Offline Wallet
Website	https://lanify.ai
About the project	<p>Lanify introduces a decentralized residential proxy market that disrupts the conventional business model by rewarding users with tokens, ensuring fair compensation.</p> <p>This innovation holds promise to transform the industry, establishing a more just, secure, and ethical network resource marketplace.</p> <p>Everything culminates into the next-level Web3 browser with numerous apps and methods of earning, alongside an AI-driven data extractor that indexes a multitude of premium Web3 sources.</p>
Chain	Wählen Sie ein Element aus.
Language	JavaScript/TypeScript
Codebase	As File
Commit	N/A
Unit Tests	Not Provided

Social Medias

Telegram	https://t.me/LanifyAI
Twitter	https://x.com/LanifyAI
Facebook	N/A
Instagram	N/A
GitHub	https://github.com/LanifyAI/extension
Reddit	N/A
Medium	https://lanifyai.medium.com
Discord	https://discord.gg/LanifyAI
YouTube	N/A
TikTok	N/A
LinkedIn	N/A

Audit Summary

v1.0

18. March 2024

- Manual Functionality Review
- Summary

Note - The following audit report presents a comprehensive security analysis of the smart contract utilized in the project. This analysis did not include functional testing (or unit testing) of the contract's logic. We cannot guarantee 100% logical correctness of the contract as it was not functionally tested by us.

File Overview

The Team provided us with the files that should be tested in the security assessment. This audit covered the following files listed below with a SHA-1 Hash.

1. extension-source-main.zip
SHA-1: 3273f71cb6661050724175862a650684e08d79a7

Please note: Files with a different hash value than in this table have been modified after the security check, either intentionally or unintentionally. A different hash value may (but need not) be an indication of a changed state or potential vulnerability that was not the subject of this scan.

Imported packages

Used code from other Frameworks.

1. @headlessui/react, ^1.7.18
2. @tanstack/react-query, ^5.24.2
3. axios, ^1.6.7
4. jwt-decode, ^4.0.0
5. react, ^18.2.0
6. react-dom, ^18.2.0
7. react-hot-toast, ^2.4.1
8. react-router-dom, ^6.22.1
9. webextension-polyfill, ^0.10.0
10. @crxjs/vite-plugin, ^1.0.14

11. @types/chrome, ^0.0.253
12. @types/jwt-decode, ^3.1.0
13. @types/node, ^18.17.1
14. @types/react, ^18.2.39
15. @types/react-dom, ^18.2.17
16. @types/webextension-polyfill, ^0.10.0
17. @typescript-eslint/eslint-plugin, ^5.49.0
18. @typescript-eslint/parser, ^5.49.0
19. @vitejs/plugin-react-swc, ^3.0.1
20. autoprefixer, ^10.4.16
21. eslint, ^8.32.0
22. eslint-config-prettier, ^8.6.0
23. eslint-plugin-import, ^2.27.5
24. eslint-plugin-jsx-ally, ^6.7.1
25. eslint-plugin-react, ^7.32.1
26. eslint-plugin-react-hooks, ^4.3.0
27. fs-extra, ^11.1.0
28. nodemon, ^2.0.20
29. postcss, ^8.4.31
30. tailwindcss, ^3.3.5
31. ts-node, ^10.9.1
32. typescript, ^4.9.4
33. vite, ^4.5.0



Audit Information

Vulnerability & Risk Level

Risk represents the probability that a certain source-threat will exploit vulnerability, and the impact of that event on the organization or system. Risk Level is computed based on CVSS version 3.0.

Level	Value	Vulnerability	Risk (Required Action)
Critical	9 - 10	A vulnerability that can disrupt the contract functioning in a number of scenarios, or creates a risk that the contract may be broken.	Immediate action to reduce risk level.
High	7 – 8.9	A vulnerability that affects the desired outcome when using a contract, or provides the opportunity to use a contract in an unintended way.	Implementation of corrective actions as soon as possible.
Medium	4 – 6.9	A vulnerability that could affect the desired outcome of executing the contract in a specific scenario.	Implementation of corrective actions in a certain period.
Low	2 – 3.9	A vulnerability that does not have a significant impact on possible scenarios for the use of the contract and is probably subjective.	Implementation of certain corrective actions or accepting the risk.
Informational	0 – 1.9	A vulnerability that has informational character but is not affecting any of the code.	An observation that does not determine a level of risk



Auditing Strategy and Techniques Applied

Throughout the review process, care was taken to check the repository for security-related issues, code quality, and compliance with specifications and best practices. To this end, our team of experienced pen-testers and smart contract developers reviewed the code line by line and documented any issues discovered.

We check every file manually. We use automated tools only so that they help us achieve faster and better results.

Methodology

The auditing process follows a routine series of steps:

1. Code review that includes the following:
 - a. Reviewing the specifications, sources, and instructions provided to SolidProof to ensure we understand the size, scope and functionality of the application.
 - b. Manual review of the code, i.e., reading the source code line by line to identify potential vulnerabilities.
 - c. Comparison to the specification, i.e., verifying that the code does what is described in the specifications, sources, and instructions provided to SolidProof.



Overall Security

Medium or higher issues

No critical Issues found

 Extension is safe to use

Description

The program does not contain issues of high or medium criticality. This means that no known vulnerabilities were found in the sourcecode.

Comment

N/A



Components

 Applications	 Libraries	 Interfaces	 Abstract
1	33	0	0





Audit Results

#1 | Compilation dependencies

File	Severity	Location	Status
Main	Informational		none

Description

The package.json-file of the given Zip-file, listed every needed package for building a working browser extension.

#2 | Code Compilation

File	Severity	Location	Status
Main	Informational		none

Description

The given source code did successfully build to a working Chrome browser extension.



#3 | Functionality Review (UI) Startup Screen

File	Severity	Location	Status
Main	Informational		none

Description

All UI-functionalities of the built Chrome browser extension were checked with the following results:

1. Startup Page
 - a. Register with E-Mail-Button:
 - i. leading to register page on <https://app.lanify.ai/register>
 - ii. registration process itself was not part of the extension audit,
Status: working.
 - b. Login-Button:
 - i. Leading to login page <https://app.lanify.ai/>
 - ii. Login process on page was not part of the extension audit, but is needed to also log into the browser extension. After log in to the website, it is possible to unlock the browser extension.
Status: working.



#4 | Functionality Review (UI) Lock-Screen

File	Severity	Location	Status
Main	Low	Lock-Screen	open

Description

2. Lock-Screen

a. Unlock-Button:

- i. Unlocks the extension, shows the Connect-Screen Status: working
- ii. **Attention:** Pressing the Return key instead of the unlock button on empty input box or even after entering the password, leads in to unwanted behavior and also triggers the password view button, which leads to an visible password!

#5 | Functionality Review (UI) Connect-Screen

File	Severity	Location	Status
Main	Informational		none

Description

3. Connect-Screen

a. Menu-Button:

- i. Toggles as expected the visibility of the extensions-menu Status: working

b. Reconnect-Button

- i. Reconnects to the network Status: working

c. Dashboard-Button

- i. Leads to the websites dashboard on <https://app.lanify.ai/dashboard> Status: working



#6 | Functionality Review (UI) Action Menu

File	Severity	Location	Status
Main	Informational		none

Description

4. Action-Menu

- a. Reconnect-Button:
 - i. Reconnects to the network
Status: working
- b. Logout-Button:
 - i. Log out the browser extension but not from the Dashboard.
Status: working

Legend For the Issue Status

Attribute or Symbol	Meaning
Open	The issue is not fixed by the project team.
Fixed	The issue is fixed by the project team.
Acknowledged(ACK)	The issue has been acknowledged or declared as part of business logic.





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