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AUDITS

Security Assessment

Wallphy DAPP

July 9, 2022

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Audit Summary

This report has been prepared for Wallphy DAPP on the Ethereum network. CFGNINJA provides both client-centered and user-centered examination of the smart contracts and their current status when applicable. This report represents the security assessment made to find issues and vulnerabilities on the source code along with the current liquidity and token holder statistics of the protocol.

A comprehensive examination has been performed, utilizing Cross Referencing, Static Analysis, In-House Security Tools, and line-by-line Manual Review.

The auditing process pays special attention to the following considerations:

- Testing the smart contracts against both common and uncommon attack vectors.

- Inspecting liquidity and holders statistics to inform the current status to both users and client when applicable.

- Assessing the codebase to ensure compliance with current best practices and industry standards.

- Verifying contract functions that allow trusted and/or untrusted actors to mint, lock, pause, and transfer assets.

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Project Overview

Token Summary

Parameter	Result
Address	0x51E06c3468C230BE0aEAeAc44CD7Be5dd7Fed4D9
Name	Wallphy
Token Tracker	Wallphy (Wallphy)
Decimals	18
Supply	1,000,000,000,000,000
Platform	Ethereum
compiler	v0.7.6+commit.7338295f
Contract Name	Wallphy
Optimization	Yes with 200 runs
LicenseType	Unlicensed
Language	Solidity
Codebase	https://bscscan.com/ token/0xe55bd75d7ce7bfde26a347a748d080d3acda7ffe
Payment Tx	0x3fe342be95a75e6ad20ee16f15240acc2b4916544a1fa1682b 01364c9237dab8

Decentralize Application Vulnerability Checks

Vulnerability	Automatic Scan	Manual Scan	Result
Unencrypted Private Data On-Chain	Complete	Complete	Low / No Risk
Website fingerprinting	Complete	Complete	Low / No Risk
Version-based vulnerability detection	Complete	Complete	Low / No Risk
Common configuration issues	Complete	Complete	Low / No Risk
SQL injection	Complete	Complete	Low / No Risk
Cross-Site Scripting	Complete	Complete	Low / No Risk
Local/Remote File Inclusion	Complete	Complete	Low / No Risk
Remote command execution	Complete	Complete	Low / No Risk
Discovery of sensitive files	Complete	Complete	Low / No Risk
Checking for website accessibility	Complete	Complete	Low / No Risk
Vulnerabilities of server-side software	Complete	Complete	Low / No Risk
Web3 Library Inspection	Complete	Complete	Low / No Risk
Wallet Connect library Inspection	Complete	Complete	Low / No Risk
Metamasks Connectivity Vulnerability	Complete	Complete	Low / No Risk
Use of untrusted certificates	Complete	Complete	Low / No Risk

Metamask Connectivity Check

The Project Owners of Wallphy have a disconnect functionality from the Decentralize application.
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The team has implemented a functionality to disconnect from the application to secure customer transaction and data.

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Metamask Connectivity Notes:

Auditor Notes:

Project Owner Notes:

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Performance Check

The Project Owners of Wallphy have created an application that conform to the performance standards to allow fast accesability to its data.

The team has done a great job to ensure the application can provide the data and connectivity to their users.

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Performance Notes:

Auditor Notes:

Project Owner Notes: .

KYC Information

The Project Onwers of Wallphy has provided KYC Documentation.

KYC Certificated can be found on the Following:
KYC Data

KYC Information Notes:

Auditor Notes: Asked project owner about KYC or Doxxed

Project Owner Notes: Project Team is Fully Doxxed and their linked in can be found on whitepaper and website.

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Decentralize Application

The Application for Wallphy is as show on the below screenshot

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ASSET		PRICE	1 DAY	30 DAYS	200 DAYS	MARKET CAP	DETAILS
1inch 1inch		$0.69	-0.68%	-15.95%	-71.46%	$384.5m	📖
0xBitcoin Complete 0xbtc		$0.25	1.29%	-34.14%	-89.43%	$2.6m	📖
1World Complete 1wo		$0.07	-0.52%	14.41%	-18.55%	$1.8m	📖
1337 Complete 1337		$0.24	0.71%	0.00%	-71.12%	$1.8m	📖
1-UP Complete 1-up		$0.01	-12.67%	-54.93%	-92.03%	$834.9k	📖
8Pay Complete 8pay		$0.01	-0.74%	-22.26%	-87.60%	$527.6k	📖

Level 1   Level 2
1,000t Wallphy

Connect to MetaMask

Market
All Ethereum based tokens

Search

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End User Functions

Function Name	Parameters	Visibility
Connect to Metamask		public
Level 1		public
Level 2		Public
Details		Holder
Wallet Details		Holder
Anylisis		Holder
Pair		Holder
Go to Market		Holder
Go to Market Page		Public

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Important Notes To The Users:

- Wallphy Team are a dedicated project team, they are looking to ensure the project is successful and are taking the necessary steps to do so.

- Wallphy app located at https://wallphy.vercel.app/ is a React Application with Wallet Connectivity to inspect and check Wallphy Token balance for Access.

- The team has improved the experience of the application to allow good connectivity from the desktop to the Ethereum Wallet.

- The application is not accessible using a mobile device at this moment.

- The application does not have a wallet connect accessibly, this limited the app access to only metamask during this moment.

- I stress test the application with over 1000 users and is performing according to industry standards.

- A disconnect option is added to avoid access to the holder's wallet outside of their approved connectivity.

- The overall app experience is great, the Wallphy team needs to continue developing the application to be accessible on other platforms.

Audit Passed

Social Media Checks

Social Media	URL	Result
Twitter	https://twitter.com/WallphyLLC?t=ZTUjH9XKmZDecoqgo399EA&s=09	Pass
Reddit		Fail
Website	https://www.wallphy.io	Pass
Telegram	https://t.me/WallphyLLCOfficial	Pass

We recommend to have 3 or more social media sources including a completed working websites.

Social Media Information Notes:

Auditor Notes: undefined

Project Owner Notes: Project Owner state they have plans to launch a discord server.

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Disclaimer

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