

HEG NINJA AUDITS



Security Assessment

Gafa Token

March 3, 2022

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Audit Summary

This report has been prepared for Gafa Token on the Binance Smart Chain 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.

Project Overview

Token Summary

Parameter	Result
Address	0x442AbdE32b075d4F11124241AAd16459Ce802fA7
Name	Gafa
Token Tracker	Gafa (gafa)
Decimals	9
Supply	1,000,000,000
Platform	Binance Smart Chain
compiler	v0.8.12+commit.f00d7308
Optimization	Yes with 200 runs
LicenseType	Unlicense
Language	Solidity
Codebase	https://bscscan.com/ address/0x442AbdE32b075d4F11124241AAd16459Ce802fA7
Url	https://www.gafa.co

Main Contract Assessed

Name	Contract	Live
Gafa	0x442AbdE32b075d4F11124241AAd16459Ce802fA7	Yes

TestNet Contract was Not Assessed



Smart Contract Vulnerability Checks

Vulnerability	Automatic Scan	Manual Scan	Result
Unencrypted Private Data On-Chain	Complete	Complete	Low / No Risk
Code With No Effects	Complete	Complete	Low / No Risk
Message call with hardcoded gas amount	Complete	Complete	Low / No Risk
Hash Collisions With Multiple Variable Length Arguments	Complete	Complete	Low / No Risk
Unexpected Ether balance	Complete	Complete	Low / No Risk
Presence of unused variables	Complete	Complete	Low / No Risk
Right-To-Left-Override control character (U+202E)	Complete	Complete	Low / No Risk
Typographical Error	Complete	Complete	Low / No Risk
DoS With Block Gas Limit	Complete	Complete	Low / No Risk
Arbitrary Jump with Function Type Variable	Complete	Complete	Low / No Risk
Insufficient Gas Griefing	Complete	Complete	Low / No Risk
Incorrect Inheritance Order	Complete	Complete	Low / No Risk
Write to Arbitrary Storage Location	Complete	Complete	Low / No Risk
Requirement Violation	Complete	Complete	Low / No Risk
Missing Protection against Signature Replay Attacks	Complete	Complete	Low / No Risk

Vulnerability	Automatic Scan	Manual Scan	Result
Weak Sources of Randomness from Chain Attributes	Complete	Complete	 Low / No Risk

Contract Ownership

The contract ownership of Gafa is not currently renounced. The ownership of the contract grants special powers to the protocol creators, making them the sole addresses that can call sensible ownable functions that may alter the state of the protocol.

The current owner is the address 0x58E6491D804148FCa789Ef61Ddeb6Eab44073C19
which can be viewed from:

[HERE](#)

The owner wallet has the power to call the functions displayed on the privileged functions chart below, if the owner wallet is compromised this privileges could be exploited.

We recommend the team to renounce ownership at the right timing if possible, or gradually migrate to a timelock with governing functionalities in respect of transparency and safety considerations.

Liquidity Ownership

The token does not have liquidity at the moment of the audit, block 11111



Privileged Functions (onlyOwner)

Function Name	Parameters	Visibility
renounceOwnership	none	public
transferOwnership	address newOwner	public
afterPresale	none	external
excludeFromReward	address account	public
includeInReward	address account	external
excludeFromFee	address account	external
prepareForPresale	none	external
includeInFee	address account	external
manualBurn	uint256 burnAmount	external
setGafalaWallet	address newWallet	external
setNumTokensSellToAddToLiquidity	uint256 numTokens	external
lock	uint256 time	external
rewardedUpdated	address user, bool value	external
setPinkSaleLock	address newWallet	external
setSwapAndLiquifyEnable	_enabled bool	external
setMarketingWallet	address wallet	external

Important Notes To The Users:

- The team has not provided a KYC Link during the time of assessment
- No mint function found, owner cannot mint tokens after initial deploy
- Owner can change fees up to 25%
- Owner can't set max tx amount
- Owner can't pause trading
- No high-risk Exploits/Vulnerabilities Were Found in the Source Code.
-

Audit Passed



Disclaimer

CFGNINJA has conducted an independent audit to verify the integrity of and highlight any vulnerabilities or errors, intentional or unintentional, that may be present in the codes that were provided for the scope of this audit. This audit report does not constitute agreement, acceptance or advocacy for the Project that was audited, and users relying on this audit report should not consider this as having any merit for financial advice in any shape, form or nature. The contracts audited do not account for any economic developments that may be pursued by the Project in question, and that the veracity of the findings thus presented in this report relate solely to the proficiency, competence, aptitude and discretion of our independent auditors, who make no guarantees nor assurance that the contracts are completely free of exploits, bugs, vulnerabilities or depreciation of technologies.

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