

Building the Futuristic Blockchain Ecosystem

SECURITY AUDIT REPORT

Oggy Floki



TOKEN OVERVIEW

Risk Findings

Severity	Found	
High	0	
Medium	0	
Low	0	
Informational	0	

Centralization Risks

Owner Privileges	Description	
Can Owner Set Taxes >25%?	Not Detected	
Owner needs to enable trading?	Not Detected	
Can Owner Disable Trades ?	Not Detected	
Can Owner Mint ?	Not Detected	
Can Owner Blacklist ?	Not Detected	
Can Owner set Max Wallet amount?	Not Detected	
Can Owner Set Max TX amount?	Not Detected	



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OVERVIEW

The Expelee team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analysed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

Audit Result	Passed
KYC Verification	-
Audit Date	03 December 2023



CONTRACT DETAILS

Token Address: 0x03002eb4de8Ff52018da7f65020da66094166bb6

Name: Oggy Floki

Symbol: \$OGF

Decimals: 18

Network: Binance smart chain

Token Type: BEP20

Owner: 0xD4545DdBC582e5d80bE8d11e9e6B46871Ea91566

Deployer: 0xEA687D0144FD445bA695f96FFe76429163171A3f

Token Supply: 469,690,000,000,000

Checksum: 2a2c977ecdacb1071fd43102a9961979

Testnet version:

The tests were performed using the contract deployed on the Binance smart chain Testnet, which can be found at the following address:

https://testnet.bscscan.com/address/0xd7931113d3f8ded5c00559e753988bcbc450c498#code



AUDIT METHODOLOGY

Audit Details

Our comprehensive audit report provides a full overview of the audited system's architecture, smart contract codebase, and details on any vulnerabilities found within the system.

Audit Goals

The audit goal is to ensure that the project is built to protect investors and users, preventing potentially catastrophic vulnerabilities after launch, that lead to scams and rugpulls.

Code Quality

Our analysis includes both automatic tests and manual code analysis for the following aspects:

- Exploits
- Back-doors
- Vulnerability
- Accuracy
- Readability

Tools

- DE
- Open Zeppelin
- Code Analyzer
- Solidity Code
- Compiler
- Hardhat



VULNERABILITY CHECKS

Design Logic	Passed
Compiler warnings	Passed
Private user data leaks	Passed
Timestamps dependence	Passed
Integer overflow and underflow	Passed
Race conditions & reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front Running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zepplin module	Passed



RISK CLASSIFICATION

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and acces control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

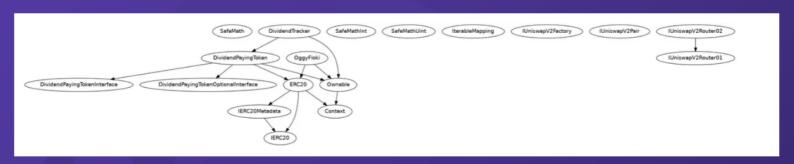
Issues on this level are minor details and warning that can remain unfixed.

Informational

Issues on this level are minor details and warning that can remain unfixed.



INHERITANCE TREES





STATIC ANALYSIS

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STATIC ANALYSIS

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INFORMERIES

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TESTNET VERSION

1- Increase Allowance (passed):

https://testnet.bscscan.com/tx/0x4d675d9ca5b8515953faefdd1df5dd08a77523591523 3574efd8acaebf7f91ba

2- Decrease Allowance (passed):

https://testnet.bscscan.com/tx/0x39ff3b3b6d8340979f536f93383b73571945b727b2fc79628c800b90f14f0b8e

3- Set Whitelist Status (passed):

https://testnet.bscscan.com/tx/0x0b6c5c6e367ca4050afd585e7947dd7321ac72018d2 93b978bc3958a824bea5e

4- Transfer (passed):

https://testnet.bscscan.com/tx/0x0da536569bbc57a1c69d2286c5d36b5544bae36b48c20bea85c1c0ae4b7e5bc7

5- Transfer From (passed):

https://testnet.bscscan.com/tx/0xe517fabace222ae1ba611cb61cbef87b54f46aaa4c61e7f044ffd71dd87038c7

6- Process Dividend Tracker (passed):

https://testnet.bscscan.com/tx/0x4f279ed3e3456a839311534e16c9d2c4e4e6083b1a2b90d2169971530274d9fb

7- Approve (passed):

https://testnet.bscscan.com/tx/0x5868eda314ca6dd8c54885203e4ba58aa0ffa2b739e5af805b33e079c9f539c3

8- Set Max Wallet Percentage (passed):

https://testnet.bscscan.com/tx/0xd6a4915877a152dde8b3315269f382543ebf642fac22 31e605eeeca90fb740a4

9- Change Marketing Wallet (passed):

https://testnet.bscscan.com/tx/0x3a9d38e5d8df75687ef97c6078bc1bff0eaab7b005ac691b78b46686d7bf7220



MANUAL REVIEW

Severity Criteria

Expelee assesses the severity of disclosed vulnerabilities according to methodology based on OWASP standarts.

Vulnerabilities are dividend into three primary risk categroies:

High

Medium

Low

High-level considerations for vulnerabilities span the following key areas when conducting assessments:

- Malicious input handling
- Escalation of privileges
- Arithmetic
- Gas use

Overall Risk Severity							
Impact	HIGH	Medium	High	Critical			
	MEDIUM	Low	Medium	High			
	LOW	Note	Low	Medium			
		LOW	MEDIUM	HIGH			
	Likelihood						



ABOUT EXPELEE

Expelee is a product-based aspirational Web3 start-up.
Coping up with numerous solutions for blockchain security and constructing a Web3 ecosystem from deal making platform to developer hosting open platform, while also developing our own commercial and sustainable blockchain.

www.expelee.com

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Building the Futuristic Blockchain Ecosystem



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