



SMART CONTRACT SECURITY AUDIT

WATCHTOWER

AUDIT DETAILS



Project Name

Flocki Finance



Contract address

0x32B20aC6A7f14d334dFc77bd818e1D80F5E49D7e



Deployer Address:

0x6976267455e2998C8e13b8846646BbBB66C6f96B



Blockchain

Binance Smart Chain



Project website:

<https://flockifinance.com/>



DISCLAIMER

Watchtower has completed this report to provide a summary of the Smart Contract functions, and any security, dependency or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as at the date of this report. In order to understand the full scope of our analysis, it is vital for you to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against Watchtower or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your own independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

Watchtower is an Anti-Scam Token Utility which reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity.

Watchtowers Development Team consists of a number of Smart Contract creators, Auditors Developers and Blockchain experts.

Watchtowers Website Scanner reviews a number of Risk factors to provide an adequate Risk summary of token projects.

In Addition to this the team also helps with Creation of Smart Contracts for legitimate projects, Audits and Promotion.





OVERVIEW

Watchtower was commissioned by Flocki Finance to complete a Smart Contract audit.

The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, All investments are made at your own risk.

(<https://www.cryptowatchtower.io/>)

FLOCKI FINANCE RUG RISK SCORE AVAILABLE ON OUR WEBSITE

<https://cryptowatchtower.io/tokens/scan/0x32B20aC6A7f14d334dFc77bd818e1D80F5E49D7e/>



SMART CONTRACT REVIEW



Contract Created on the 4th September 2021

Contract name	Flocki Finance
Contract address	0x32B20aC6A7f14d334dFc77bd818e1D80F5E49D7e
Total supply	100,000,000,000
Token ticker	FFT
Decimals	9
Token holders	2636
Transactions count	4426
Top 5 holders dominance	14.93%
Tax fee	0%
Total fees	0% ~ BUY / SELL
Contract deployer address	0x6976267455e2998C8e13b8846646BbBB66C6f96B
Contract's current owner address	0xf058e7f48e1a2c2dac8c48f40f772e3b96982233



Project Overview

Project Details:

Flocki Finance is building an NFT Platform which aims to be the first multi-chain NFT marketplace. It plans to allow you to Create, buy, sell, trade, and swap any NFT on any blockchain, all from a single platform.

The Token (\$FFT) can be used to pay for fees and trade on their marketplace. Each quarter, the team plans to use 20% of their profits to buy back \$FFT and burn them creating a deflationary coin.

Tokenomics:

Starting Supply: 100,000,000,000 (100 Billion)

0% Tax for Buys and Sells

Team Review:

Watchtower reviewed a number of factors including the teams background and Cryptocurrency experience, social media interaction and availability, project momentum, token risks and community trust score.

The Flocki Finance Team has experience in launching a project in the past.

The team has been doxxed and KYC details have been recorded with IDOPRESALES.COM.

The team was identified to have been involved with Pitch Finance and has conveyed sound Cryptocurrency knowledge, Technical Blockchain and Web development skills.



CONTRACT FUNCTIONS DETAILS

Functions (Public)

1. approve (address,uint256)
2. decreaseAllowance (address,uint256)
3. increaseAllowance (address,uint256)
4. Initialise
5. Renounce Ownership
6. Set Enable Anti Bot
7. transfer
8. transferFrom (address,address,uint256)
9. transferOwnership (address)



Contract Stress Test

Imported Libraries / Interfaces

- IERC20Upgradeable
- AddressUpgradeable
- Initializable
- ContextUpgradeable
- OwnableUpgradeable
- SafeMath
- IPinkAntiBot
- IAntiBotStandardERC20

Overview

1. ADDITION OF COMMENTS:	10
2. CALL STACK DEPTH ATTACK:	10
3. TIME STAMP DEPENDENCY:	10
4. PARTY MULTISIG BUG:	10
5. USE OF LIBRARIES/DEPENDENCIES (FROM TRUSTED SOURCES):	10
a. TRANSACTION-ORDERING DEPENDENCY:	10
6. ACCESS CONTROL AND AUTHORIZATION:	10
7. REENTRANCY ATTACKS:	10
8. ERC/BEP STANDARD VIOLATIONS:	10
9. USAGE OF VISIBILITY LEVELS:	10



ISSUES CHECKING STATUS



Issue description	Checking status
1. Compiler errors.	Passed
2. Race conditions and Reentrancy. Cross-function race conditions.	Passed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Passed
5. Front running.	Passed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Passed
9. DoS with block gas limit.	Passed
10. Methods execution permissions.	Passed



Issue description	Checking status
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Passed
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
17. Arithmetic accuracy.	Passed
18. Design Logic.	Passed
19. Cross-function race conditions.	Passed
20. Safe Open Zeppelin contracts implementation and usage.	Passed
21. Fallback function security.	Passed



SECURITY ISSUES



High Severity Issues

Nil



Medium Severity Issues

Nil



Low Severity Issues

Nil



CONCLUSION

Watchtower reviewed Flocki Finances' deployed and verified contract to conduct this audit.

Watchtower is satisfied that the contract has no malicious coding and that no severe issues have been found.

The team is using Pinksale Finance to launch their token and pre-sale. Pinksale have been verified to focus on Safe launches with Anti-sniper functions and token distribution criteria.

Watchtower Disclaimer:

Please check the disclaimer page and note, this Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or in any way provide financial advice, please do your own research. By reading this report you accept and agree to the disclaimer and understand investments are made at your own risk.

(<https://www.cryptowatchtower.io/>)

Contact Us

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