



SMART CONTRACT SECURITY AUDIT

WATCHTOWER

AUDIT DETAILS



Project Name

Cream Cake



Contract address

0xb48de717e0fd520940e6ad151e567b7538c23237



Deployer Address:

Smart Contract Developer transfer to ownership

0x2Bbb33bEe9Bed209869A0dD5d60de2ae9045a3b1



Blockchain

Binance Smart Chain



Project website:

<https://www.creamcake.io/>



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.

DISCLAIMER: By perusing this report or any portion of it, you concur to the terms of this disclaimer. In the unlikely situation where you do not concur to the terms, you should immediately terminate reading this report, and erase and discard any and all duplicates of this report downloaded and/or printed by you. This report is given for data purposes as it were and on a non-reliance premise, and does not constitute speculation counsel. No one should have any right to depend on the report or its substance, and Watchtower and its members (including holding companies, shareholders, backups, representatives, chiefs, officers and other agents) Watchtower and its subsidiaries owe no obligation of care towards you or any other person, nor does Watchtower make any guarantee or representation to any individual on the precision or completeness of the report.

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 Cream Cake to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- 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.
[\(https://www.cryptowatchtower.io/\)](https://www.cryptowatchtower.io/)



SMART CONTRACT REVIEW



Contract Created on 08.20.2021

Contract name	Cream Cake
Contract address	0xb48DE717E0fD520940E6Ad151e567B7538c23237
Total supply	100,000,000,000,000
Token ticker	CREAMCAKE
Decimals	9
Token holders	N/A
Transactions count	N/A
Top 5 holders dominance	PRE-SALE
Tax fee	15%
Total fees	15%
Contract deployer address	Smart Contract Development Team
Contract's current owner address	0x2Bbb33bEe9Bed209869A0dD5d60de2ae9045a3b1



Cream Cake Overview

Project Details:

CreamCake is a CAKE rewards token which is a fork of BabyCake and FatCake. The Cream Cake team consists of 10 Developers, moderators, marketers and support staff. The development team are focused on marketing and advertising to drive growth and hype for the token.

Tokenomics:

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

8% CAKE Rewards to Holders

3% Auto Liquidity

3% Marketing

1% Burn

Team Review:

The Cream Cake team seem genuine and ambitious with their project.

The team although knowledgeable about Cryptocurrency have limited Smart Contract expertise. They have employed a smart contract developer to assist with their launch to avoid any issues.



CONTRACT FUNCTIONS DETAILS

FUNCTIONS (PUBLIC)

1. After presale
2. Approve spender
3. Blacklist
4. Claim
5. Decrease allowance
6. Exclude from Dividends
7. Exclude from fees
8. Exclude multiple accounts from fees
9. Increase Allowance
10. Prepare for presale
11. Process Dividend tracker
12. Renounce ownership
13. Set automated Market Maker Pair
14. Set Burn Fee
15. Set CAKE rewards Fee
16. Set Liquidity Fee
17. Set Marketing Fee
18. Set Marketing wallet
19. Set Max transaction amount
20. Set Max wallet balance
21. Set Swap Enabled
22. Set Swap tokens at amount



Function continued

- 23. Transfer to
- 24. Transfer from
- 25. Transfer Ownership
- 26. Update Claim Wait
- 27. Update Dividend Tracker
- 28. Update Gas for Processing
- 29. Update Minimum Token Balance for Dividends
- 30. Update Uniswap V2 Router

Function Risks

Upon review of Smart Contract Coding and Functions available for the Owner to change Watchtower is satisfied that no malicious coding has been found.

Note: The contract functions allow the owner to set tax fees and as a result they can increase the fees to a high amount, making it difficult to sell. This is common with rewards contracts and we don't see any reason to suspect the contract owner will do this.



Imported Libraries / Interfaces

- Context
- Ownable
- IERC20
- IERC20 Metadata
- DividendPayingTokenOptionalInterface
- DividendPayingTokenInterface
- SafeMathInt
- SafeMathUint
- SafeMath
- ERC20
- DividendPayingToken
- IUniswapV2Router01
- IUniswapV2Router02
- IUniswapV2Factory
- IUniswapV2Pair

Overview

1. ADDITION OF COMMENTS:	9
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:	9
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

No High Severity Issues found.



Medium Severity Issues

No Medium Severity issues found.



Low Severity Issues

No Low Severity issues found.

CONCLUSION

Cream Cake is a reward token fork of BabyCake and FatCake with additional functions. These contracts have been identified to work efficiently and have no high severity issues.

The team has been doxxed and there is no reason to suspect malicious contract behaviour.

Based on discussions with the Cream Cake Owner we have been reassured that Liquidity will be locked through the pre-sale platform and the tokens held by the Owner wallet to complete the pre-sale will be burned at launch.

Watchtower note:

Please check the disclaimer above 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 invest at your own risk.

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

Contact Us

 @Watchtower_WTW

 Watchtower-WTW

 Watchtowercrypto

