



**SMART CONTRACT
AUDIT**



BTCBULL TOKEN

Conclusion

The project team of BTCBULL TOKEN has applied for security auditing of the Smart Contract 0xC326607c33f4008bCf3e80DF44B91d0aA0034E16

After detailed test process and examination performed by our expert team, we declare that Smart Contract is successfully **PASSED** the security audit

Summary

Audit Summary

Audit Result	Passed
KYC Verification	NA
Token Name	BTCBULL Token
Token Symbol	BTCB
Total Supply	1.000.000.000 BTCB
Contract Address	0xC326607c33f4008bCf3e80DF44B91d0aA0034E16
Ownership Status	Actively Owned

Summary of Owner's Privileges

<i>Privilege Description</i>	<i>INFO</i>	<i>LOW</i>	<i>MEDIUM</i>	<i>HIGH</i>
<i>claimStuckToken</i>	✓			
<i>enableTrading</i>	✓			
<i>excludeFromFees</i>	✓			
<i>updateBuyFees _ (max 15%)</i>		✓		
<i>updateSellFees _ (max 15%)</i>		✓		
<i>updateMinimumBalanceForDividends</i>		✓		

* Only privileges which can be controlled by owner and might have potential to effect profit/loss of investors are listed

Summary of Manual Analysis

As a result of the manual analysis, no non-compliance was detected that could harm the investor or the operation of the contract.

Summary of SWC Analysis

ID	DESCRIPTION	SEVERITY	LOCATION
SWC-115	Use of "tx.origin" as a part of authorization control	LOW	L: 1700 C: 20
SWC-115	Use of "tx.origin" as a part of authorization control	LOW	L: 1912 C: 12





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Report Data

This report has been prepared by Cryptocrat experts based on detailed examination of BTCBULL Token's Smart Contract on April 26, 2023.

Audit process performed carefully using Static Analysis and Manual review Techniques as well as Automated test procedures.

The auditing process focuses to the following considerations with collaboration of an expert team

- Functionality test of the Smart Contract to determine if proper logic has been followed throughout the whole process.
- Manually detailed examination of the code line by line by experts.
- Live test by multiple clients using Testnet.
- Analysing failure preparations to check how the Smart Contract performs in case of any bugs and vulnerabilities.
- Checking whether all the libraries used in the code are on the latest version.
- Analysing the security of the on-chain data.

Project Info

Token Name	BTC Bull (BTCB)
Utility	BTC Reward
Contract	0xC326607c33f4008bCf3e80DF44B91d0aA0034E16
Link to Contract	https://bscscan.com/address/0xC326607c33f4008bCf3e80DF44B91d0aA0034E16
Token Type	BEP20
Platform	Binance Smart Chain
Language	Solidity
Link to Testnet	https://testnet.bscscan.com/address/0x31b74bd75dd588eed2ed8863f129763d3d57eee2
Web Site	https://btcbull.net/
Twitter	https://btcbull.net/twitter
Telegram Group	https://btcbull.net/telegram



OVERVIEW

This Audit Report mainly focuses on overall security of the smart contract. Cryptocrat team scanned the contract and assessed overall system architecture and the smart contract codebase against vulnerabilities, exploitations, hacks, and back-doors to ensure its reliability and correctness.

Auditing Approach and Applied Methodologies

Cryptocrat team has performed rigorous test procedures of the project

- Code design patterns analysis in which smart contract architecture is reviewed to ensure it is structured according to industry standards and safe use of third-party smart contracts and libraries.
- Line-by-line inspection of the Smart Contract to find any potential vulnerability like race conditions, transaction-ordering dependence, timestamp dependence, and denial of service attacks.
- Unit testing Phase, we coded/conducted custom unit tests written for each function in the contract to verify that each function works as expected.
- Automated Test performed with our in-house developed tools to identify vulnerabilities and security flaws of the Smart Contract.

The focus of the audit was to verify that the Smart Contract System is secure, resilient, and working according to the specifications. The audit activities can be grouped in the following three categories:

Security

Identifying security related issues within each contract and the system of contract.

Sound Architecture

Evaluation of the architecture of this system through the lens of established smart contract best practices and general software best practices.

Code Correctness and Quality

A full review of the contract source code. The primary areas of focus include:

- Accuracy
- Readability
- Sections of code with high complexity
- Quantity and quality of test coverage



Risk Classification

SEVERITY	EXPLANATION
LOW	Minor vulnerabilities which may not affect the smart contract operation and cannot harm the investors are classified as Low-Level Severity
MEDIUM	Vulnerabilities which do not have direct risk for investors but have possibility of affecting Smart contract operation are classified as Medium-Level Severity. Investors must consider effect of this kind of vulnerabilities to their investments.
HIGH	Risks which can highly impact Smart contracts operation, may cause loss of funds and harm investors are classified as High-Level Severity. It is highly recommended to owners to eliminate the risks in this level and to investors not to invest in a contract with High-Level Severities.





Disclaimer

This document has been prepared by Cryptocrat for the sole use of investors to whom it is addressed and for no other purpose. The Report is based on codes of the smart contract itself. The Report is not a prospectus or offering document and does not constitute an offer to sell or a solicitation of an offer to buy any securities or other financial instruments. The Report is not intended to be and should not be relied upon as investment, legal, tax or other advice. Cryptocract makes no representation or warranty, express or implied, as to the accuracy or completeness of the information contained in the Report and shall have no liability for any loss arising from any use of or reliance on the Report. These forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from those expressed or implied in the forward-looking statements. Cryptocrat does not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

