



SMART CONTRACT AUDIT

Capitalize on the expertise of our smart contract auditors to launch highly secure blockchain applications.

BareBoneClub

 SMART CONTRACT
 AUDIT



@AuditDefi

SUMMARY

DISCLAIMER	3
BACKGROUND	4
AUDIT DETAILS	5
PROJECT OVERVIEW	6
ROADMAP	7
ISSUES CHECKING STATUS	8
SMART CONTRACT - SWC ATTACKS	9
SMART CONTRACT RISK STATUS	10
OWNER PRIVILEGES	11
TOP TOKEN HOLDERS	12
CONCLUSION	13

DISCLAIMER

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

BACKGROUND:

AuditDefi was commissioned by BareBoneClub to perform an audit of smart contracts:
BAREBONECLUBsol

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified

AUDIT DETAILS:

Contract name	BareBoneClub
Token ticker	BBC
Contract address	0x3b8b2530aa2015f8a720a82b5a2a463510bfe9a5
Total supply	325,00
Decimals	5
Language	SOLIDITY
Blockchain	Binance smart chain
Compiler	v0.7.6+commit.7338295f
Website	https://www.barebone.club/
Twitter	https://twitter.com/BareBone_Club
Telegram	https://t.me/bareboneclub

PROJECT OVERVIEW:

Bare Bone Club is a evolutionarily Triple Reward NFT and reward focused platform positioned to lead a revolution in De-fi with the \$BBC Auto-Compound and Auto-Staking protocol with an internal volume based reflection feature and optional Manual-Staking NFT Pool. A brand new revolutionizing platform that pays 24/7 to any \$BBC holder.

Features:

Easiest way of staking - All you have to do is hold \$BBC tokens in your wallet - That's pretty much it as our protocol will do all of the job for you. You don't have to do anything, just sit back and earn rewards.

FIXED APY - If you have been in market long enough you already know what APY on pretty much any pool is fluctuating every hour or even minute and you can't make any mid or long-term predictions. We have made a solution for it. Our protocol has a FIXED APY for the first 12 months and it will not fluctuate even by a bit. We made it easy for you to calculate your actual ROI.

Insurance Fund - Our Insurance Fund receives a percentage from every trade made in our ecosystem and Insurance Funds are used to back and provide the extra support for sustainable staking rewards. The protocol always works in your favour.

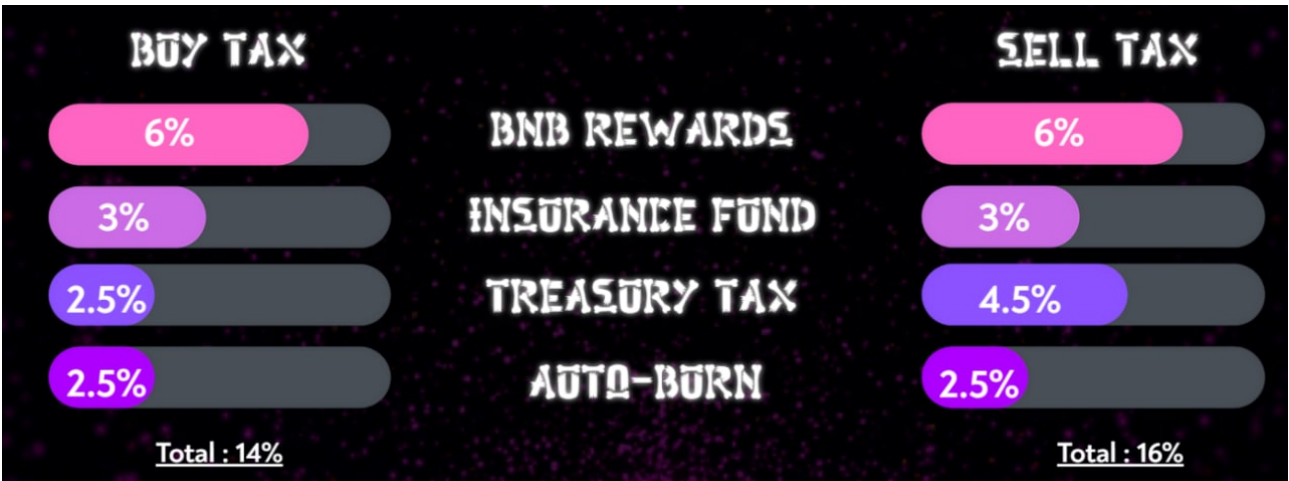
Always Paid on Time - You don't have to worry about manual staking or anything. As long as you hold \$BBC tokens you will always get paid on time. Our protocol is set to automatically distribute interest.

Token Burn - Another key feature for sustainable \$BBC ecosystem is burning. Every transaction within the \$BBC network gets taxed 2.5% which gets automatically irreversibly burned to support the floor price of \$BBC

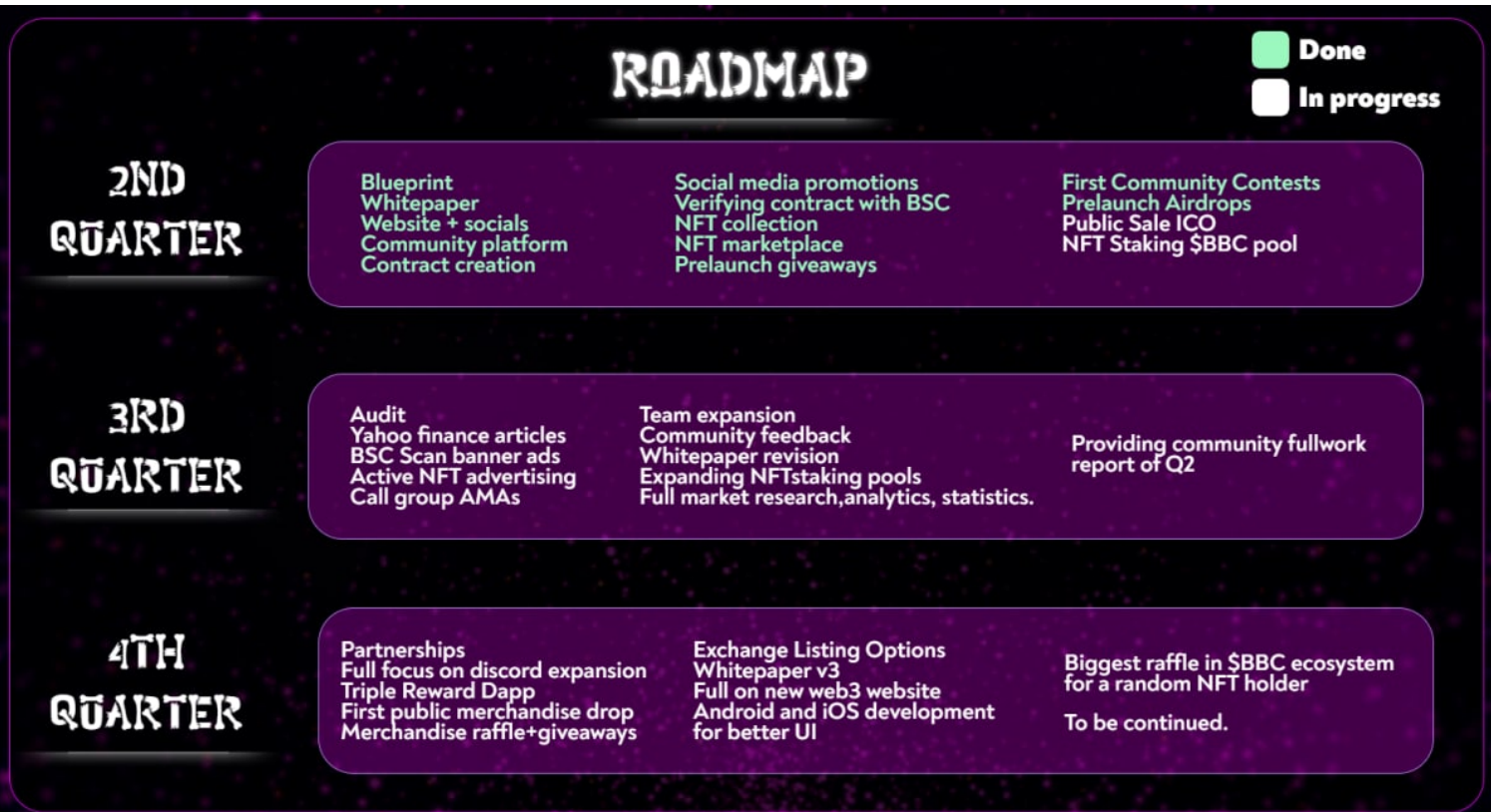
BNB Reflections - 2nd Reward system within our protocol allows you to earn another passive income in a form of BNB tokens based on the traded volumes in \$BBC ecosystem. You will see reflections in your wallet 24 times a day as they are paid out every 60 minutes. This saves gas fees and you get higher rewards at a time.

NFT Staking - 3rd Reward system for a complete triple reward ecosystem. Bare Bone Club offers NFT staking pools exclusively to \$BBC holders, stake your Bare Bone Club NFTs to earn passive income in \$BBC tokens while others are trading.

Tokenomics:



ROADMAP



ISSUE CHECKING STATUS

No	Issue description.	Checking status
1	Compiler warnings.	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.	Low
10	Methods execution permissions.	Passed
11	Economy model.	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 Zeppelin module.	Passed
21	Fallback function security.	Passed

SMART CONTRACT - SWC ATTACKS

SWC ID	Description	Verdict
SWC-101	Integer Overflow and Underflow	Passed
SWC-102	Outdated Compiler Version !	!Low
SWC-103	Floating Pragma	Passed
SWC-104	Unchecked Call Return Value	Passed
SWC-105	Unprotected Ether Withdrawal	Passed
SWC-106	Unprotected SELFDESTRUCT Instruction	Passed
SWC-107	Re-entrancy	Passed
SWC-108	State Variable Default Visibility	Passed
SWC-109	Uninitialized Storage Pointer	Passed
SWC-110	Assert Violation	Passed
SWC-111	Use of Deprecated Solidity Functions	Passed
SWC-112	Delegate Call to Untrusted Callee	Passed
SWC-113	DoS with Failed Call	Passed
SWC-114	Transaction Order Dependence	Passed
SWC-115	Authorization through tx.origin	Passed
SWC-116	Block values as a proxy for time	Passed
SWC-117	Signature Malleability	Passed
SWC-118	Incorrect Constructor Name	Passed
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects (Irrelevant/Dead Code) !	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed

SMART CONTRACT - RISK STATUS

Risk Severity

! Critical

! High

! Medium

! Low

Passed

Status

None critical severity issues identified

None high severity issues identified

None medium severity issues identified

1 low severity issue identified

35 functions and instances verified and passed

OWNER PRIVILEGES

1. approve

2. decreaseAllowance

3. increaseAllowance

4. manualSync

5. renounceOwnership

6. setAutoAddLiquidity

7. setAutoRebase

8. setBotBlacklist

9. setDistributionCriteria

10. setDistributorSettings

11. setFeeReceivers

12. setIsDividendExempt

13. setLP

14. setWhitelist

15. transfer

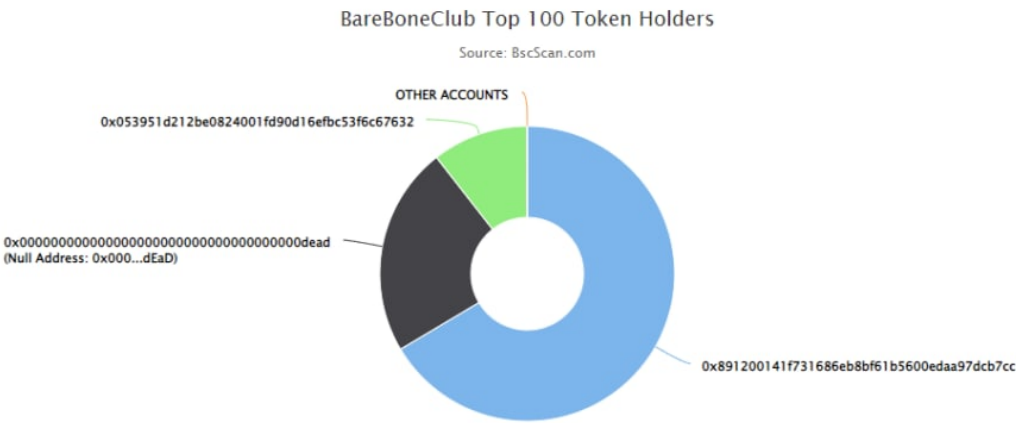
16. transferFrom

17. transferOwnership


18. withdrawAllToTreasury

TOP TOKEN HOLDERS

At the time of the audit



(A total of 325,000.00 tokens held by the top 100 accounts from the total supply of 325,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	 0x891200141f731686eb8bf61b5600edaa97dcb7cc	215,999.46	66.4614%
2	Null Address: 0x000...dEaD	74,750	23.0000%
3	0x053951d212be0824001fd90d16efbc53f6c67632	34,250.54	10.5386%

CONCLUSION

BareBoneClub **does not contain any severe issues.**

11 % OF THE TOTAL SUPPLY IS UNLOCKED

23% OF THE TOTAL SUPPLY IS BURNT



AuditDefi note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided

for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner