freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

MemCap
$MC

08/04/2024

TOKEN OVERVIEW

Fees

• Buy fees: 5%

• Sell fees: 5%

Fees privileges

• Can't set or change fees

Ownership

• Ownership renounced

Minting

• No mint function

Max Tx Amount / Max Wallet Amount

• Can't change max tx amount and / or max wallet amount

Blacklist

• Blacklist function not detected

Other privileges

• N/A

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DISCLAIMER

The information provided on this analysis document is only
for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results
of this audit.

The score and the result will stay on this project page information
on our website https://freshcoins.io
FreshCoins Team does not guarantees that a project will not sell off
team supply, or any other scam strategy (RUG or Honeypot etc)

INTRODUCTION

FreshCoins (Consultant) was contracted by **MEMCAP** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x7b318f8f8f17c654b4b38bbadd7f6b5f5f76d566

Network: Binance Smart Chain (BSC)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 08/04/2024

MemCap
$MC

WEBSITE DIAGNOSTIC

https://memcap.ai/

0-49	50-89	90-100

97
Performance

92
Accessibility

92
Best Practices

90
SEO

NA
Progressive Web App

Socials

Twitter
https://twitter.com/MemCapCrypto

Telegram
https://t.me/MemCapCrypto

AUDIT OVERVIEW

87

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

88

ERC Scan
Automatic checks for ERC's conformance

0 High

1 Medium

0 Low

0 Optimizations

0 Informational

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Low
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Low
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES

● Ownership renounced

⑦ Transaction Hash:	0x19386dcac5889bcab855c054c91ba7982c696ebad10f7adccb153f33b9461a78 ⎘
⑦ Status:	⊘ Success
⑦ Block:	37660077 — 2716 Block Confirmations
⑦ Timestamp:	⏱ 2 hrs ago (Apr-07-2024 07:44:21 PM +UTC)
⚡ Transaction Action:	▸ Call Renounce Ownership Function by 0x4aa75772...262EF4c04 on 📄 0x7b318f8f...F5f76D566 ✏
⑦ From:	0x4aa75772761871e04526eb5c2693e6a262EF4c04 ⎘
⑦ To:	📄 0x7b318f8f8F17C654b4b38BBAdd7F6B5F5f76D566 ⎘ ✓
⑦ Value:	🟡 0 BNB ($0.00)
⑦ Transaction Fee:	0.000023268 BNB ($0.01)
⑦ Gas Price:	1 Gwei (0.000000001 BNB)
⑦ Gas Limit & Usage by Txn:	28,068 ǀ 23,268 (82.9%)
⑦ Burnt Fees:	🔥 0.0000023268 BNB ($0.00) 🔗
⑦ Other Attributes:	Nonce: 7 Position In Block: 59
⑦ Input Data:	Function: renounceOwnership() MethodID: 0x715018a6 View Input As ⌄ ⚙ Advanced Filter
More Details:	— Click to show less

● Centralization / Privilege

During the contract deployment, all tokens are allocated to the contract deployer, presenting a potential risk of centralization. This is concerning because the deployer possesses the ability to distribute tokens without seeking consensus from the community

Recommendation

We advise the team to maintain transparency regarding the initial token distribution process

CONCLUSION AND ANALYSIS

Smart Contracts within the scope were manually reviewed and analyzed with static tools.

Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

Found no HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees: 5%

Sell fees: 5%

Max TX: N/A

Max Sell: N/A

Honeypot Risk

Ownership: Ownership renounced

Blacklist: Not detected

Modify Max TX: Not detected

Modify Max Sell: Not detected

Disable Trading: Not detected

Others

Liquidity: N/A

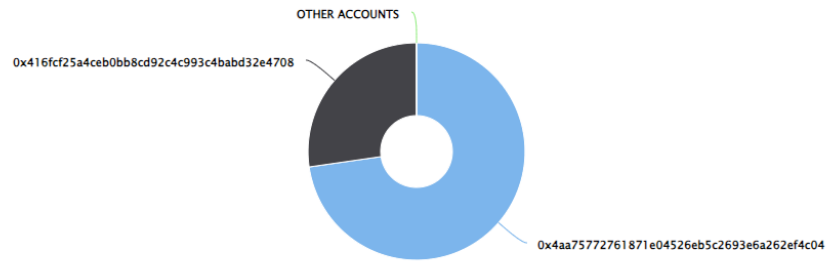Holders: 72% unlocked tokens

MC TOKEN ANALYTICS
& TOP 10 TOKEN HOLDERS

💡 The top 10 holders collectively own 100.00% (1,000,000,000.00 Tokens) of MemCap | 💡 Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 2

MemCap Top 10 Token Holders
Source: BscScan.com

OTHER ACCOUNTS

0x416fcf25a4ceb0bb8cd92c4c993c4babd32e4708

0x4aa75772761871e04526eb5c2693e6a262ef4c04

(A total of 1,000,000,000.00 tokens held by the top 10 accounts from the total supply of 1,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x4aa75772...262EF4c04	727,325,000	72.7325%
2	0x416fCF25...bD32e4708	272,675,000	27.2675%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform.
The platform, its programming language, and other software related
to the smart contract can have its vulnerabilities that can lead to hacks.
The audit can't guarantee the explicit security of the
audited project / smart contract.