



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Moon Baboon

\$MBAB

19/04/2024



TOKEN OVERVIEW

Fees

- Buy fees: N/A
- Sell fees: N/A

Fees privileges

- N/A

Ownership

- N/A

Minting

- N/A

Max Tx Amount / Max Wallet Amount

- N/A

Blacklist

- N/A

Other privileges

- N/A
-

TABLE OF CONTENTS

1

DISCLAIMER

2

INTRODUCTION

3

WEBSITE + SOCIALS

4-5

AUDIT OVERVIEW & TOKEN SUMMARY

6-10

PROJECT OVERVIEW & TECHNICAL FINDINGS

11

CONCLUSION AND ANALYSIS

12

TOKEN DETAILS

13

**MBAB TOKEN ANALYTICS &
TOP 10 TOKEN HOLDERS**

14

TECHNICAL DISCLAIMER



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 **Moon Baboon** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

CVYGUN8jtHnZq3iZu5EFaBFBsstdETFMC4K2ZfTTT482

Network: **Solana (SOL)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **19/04/2024**



WEBSITE DIAGNOSTIC

<https://www.moon-baboon.com/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

https://twitter.com/moonbaboon_sol



Telegram

https://t.me/moonbaboon_sol

AUDIT OVERVIEW



Security Score



Auditing Request

18.04.2024



Onboarding Process

18.04.2024



Audit Preview

19.04.2024



Audit Release

19.04.2024



High



Medium



Low



Optimizations



Informational



4

TOKEN SUMMARY

Address:	CVYGUn8jtHnZq3iZu5EFaBFBsstdETFMC4K2ZfTTT482
Name:	Moon Baboon
Symbol:	MBAB
Decimals:	6
Supply:	1,000,000,000.00
Platform:	Solana
Contract Name:	MBAB
Optimization:	Yes
License Type:	Unlicensed
Language:	Rust



PROJECT OVERVIEW

METADATA RESULTS

key:	4
updateAuthority:	GFy8RXhQLALBedKewVpSSfwJAi3jQGasAcUU9SQwZYS
mint:	CVYGUN8jtHnZq3iZu5EFaBFBsstdETPMC4K2ZfTTT482
sellerFeeBasisPoints:	0
primarySaleHappened:	0
isMutable:	0
editionNonce:	255
tokenStandard:	2

URI METADATA

Solana URI Metadata pertains to the information linked with a token, which is fetched from its Uniform Resource Identifier (URI)

<https://bafkreiav4ogwvcib4kpwufzy2dyqbfvpjunywviqal7vgzzrkofrdso3pm.ipfs.nftstorage.link>

```
{ 8 items
  key : 4
  updateAuthority : "GFy8RXhQLALBedKewVpSSfwJAi3jQGasAcUU9SQwZYS"
  mint : "CVYGUN8jtHnZq3iZu5EFaBFBsstdETPMC4K2ZfTTT482"
  data : { 4 items
    name : "Moon Baboon"
    symbol : "$MBAB"
    uri : "https://bafkreiav4ogwvcib4kpwufzy2dyqbfvpjunywviqal7vgzzrkofrdso3pm.ipfs.nftstor ..."
    sellerFeeBasisPoints : 0
  }
  primarySaleHappened : 0
  isMutable : 0
  editionNonce : 255
  tokenStandard : 2
}
```

PROJECT OVERVIEW

METADATA RESULTS

key: This is an integer value that signifies the key linked to the root object

updateAuthority: This is a string value that denotes the update authority for the program

mint: This is a string value that signifies the mint address associated with the program

sellerFeeBasisPoints: This is an integer value that represents the seller fee basis points

primarySaleHappened: This is an integer value that indicates whether the primary sale of the token has occurred

isMutable: This is an integer value that indicates the mutability of the token. A value of 1 suggests that the token is mutable, while a value of 0 indicates that the token is not mutable

editionNonce: This is an integer value that denotes the edition nonce for the token

tokenStandard: This is an integer value that signifies the token standard for the program

PROJECT OVERVIEW

METAPLEX METADATA

Solana metadata encompasses supplementary information linked to a digital asset or NFT on the Solana blockchain. This information comprises details such as the asset's name, description, image, attributes, and other pertinent data

In the Solana context, metadata is usually stored in JSON format and associated with the unique identifier or token ID of assets. This metadata offers crucial information about the asset, enabling users and applications to comprehend and engage with it effectively.

```
{
  "name": "Moon Baboon",
  "symbol": "$MBAB",
  "description": "We're swinging through the digital jungle, ready to launch to the moon! With a t ...",
  "image": "https://i.imgur.com/BQmjWTR.jpeg",
  "tags": [
    "Meme",
    "Airdrop",
    "baboon",
    "moon"
  ],
  "extensions": {
    "website": "https://www.moon-baboon.com/",
    "twitter": "https://twitter.com/moonbaboon_sol",
    "telegram": "https://t.me/moonbaboon_sol"
  },
  "creator": {
    "name": "CoinTool",
    "site": "https://cointool.app/chain-tools/sol"
  }
}
```

TECHNICAL FINDINGS

● 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



Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.



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:	N/A
Sell fees:	N/A
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk





















Ownership:	N/A
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens



MBAB TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

#	Account	Token Account	Quantity	Percentage
1	GFy8RXhQLALBedKewVpSSfwJAI3jQGasAcUU9SQwZYS 	DYNiZ22nQzMfYfZ6Moaj3h2RdWr8MVpPZ3k3UqKzF39B 	954,800,000.00	95.48%
2	ATzcNPaDeduhCeUtrPT1nKLukvTixBRMjA4CcRZUURpz 	DZrz4qW6ZVSshi9dCrDC5bg6nBaSad145mJd7LBtr5xd 	8,500,000.00	0.85%
3	7TQCGpfoZn8YEUcu32RxaZAdpZ9a5bLoa9EYHS8Sp32a 	t2aWyZDFGCXwsteRbsUBPef4fHL7GaxuC9hK3LJc6cS 	8,500,000.00	0.85%
4	r7PP6iBkySCAcSvRa4k3umphQ9dy556fFEy6VJvTzii 	2NgGofoT1sjWEBFuhxecJdCWYBfMS5pDUp3R9t79bkkg 	8,500,000.00	0.85%
5	BdRUUDvfPDkXJ9KudPpnidJMLhUETqhWYZVcvs457Gyf 	28XYt8ZWUffty7WkhntTTxs1Y9UHBZM3vsHTQkrT4r 	4,000,000.00	0.40%
6	4SxuryPupKGPUxRVzppk2KU5htMz4zaiBR9KyigDCHW 	GnnMtYbHtpJ97vM8Zn6ywbjami4jQA5Jm8ZQTefFYpd1 	4,000,000.00	0.40%
7	5jUffYugnWFQJTFv3rRg3Z2KqYfJzzqYW7wSUwXoKZNN 	4NeYk91CYdv9sW4hqEkMib8T9yzUTpPF34omp3iGr1b 	4,000,000.00	0.40%
8	roberth.sol 	4yGpHgi3WX8SEYj1KxbhPvJz95pkeu4vh94AgJo4QUNS 	4,000,000.00	0.40%
9	6P4VSPeRXbmuMm7pxERD4WdZeGeFLSVzcmNBRNAX2W3m 	H8C4ymHiDv69Pc6zxFGvVmPJs91VVXQ3T79FyoKE8oFY 	1,950,000.00	0.19%
10	2z6ZkNjmDiUnMmLZef47Bw8KvHp25DW7hYK1QwtEgGp5 	9QgGn6ruZohpfAue6B5MAXNxqGjQkcNxfJjt5biKteo9 	750,000.00	0.07%

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.

