



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



MEBE

\$MEBE

26/03/2024



TOKEN OVERVIEW

Fees

- Buy fees: 1%
- Sell fees: 1%

Fees privileges

- The owner has the ability to set the fee to an exceedingly high value

Ownership

- Owned

Minting

- N/A

Max Tx Amount / Max Wallet Amount

- N/A

Blacklist

- N/A

Other privileges

- LP has to be added manually by the team
 - Fee config enabled
-

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

DEA8BG3bGUYQQW38YHfQKtX5MeCAuxs2CyPgQc2Y8sYB

Network: **Solana (SOL)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **26/03/2024**



WEBSITE DIAGNOSTIC

<https://mebe.world/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

https://twitter.com/mebeworld_



Telegram

<https://t.me/mebeworld>

AUDIT OVERVIEW



Security Score
HIGH RISK
Audit FAIL



Auditing Request

26.03.2024



Onboarding Process

26.03.2024



Audit Preview

26.03.2024



Audit Release

21.03.2024



High



Medium



Low



Optimizations



Informational



TOKEN SUMMARY

Address:	DEA8BG3bGUYQQW38YHfQKtX5MeCAuxs2CyPgQc2Y8sYB
Name:	Mebe
Symbol:	Mebe
Decimals:	9
Supply:	7,000,000,000.00
Platform:	Solana
Contract Name:	Mebe
Optimization:	Yes
License Type:	Unlicensed
Language:	Rust



PROJECT OVERVIEW

METADATA RESULTS

updateAuthority: 6AKsJsENnnNWEQU1pxXueBJbnbnPNuCSfNHGRaZQ5HpJ

mint: DEA8BG3bGUYQQW38YHfQKtX5MeCAuxs2CyPgQc2Y8sYB

URI METADATA

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

<https://bafkreia2ckfjanwhsnkqiho4kuv7m4rhohpn3p3nvwltfbzjlzdy44ehle.ipfs.nftstorage.link/>

```
{
  "root": {
    "mint": "DEA8BG3bGUYQQW38YHfQKtX5MeCAuxs2CyPgQc2Y8sYB",
    "updateAuthority": "6AKsJsENnnNWEQU1pxXueBJbnbnPNuCSfNHGRaZQ5HpJ",
    "data": {
      "name": "MEBE",
      "symbol": "MEBE",
      "uri": "https://bafkreia2ckfjanwhsnkqiho4kuv7m4rhohpn3p3nvwltfbzjlzdy44ehle.ipfs.nftstorage.link/"
    },
    "name": "MEBE",
    "symbol": "MEBE",
    "image": "https://bafkreifpls4wpe64rjlhyuo6x3s3bxcqk2agmy6c4vk5hhaaksh4dknehe.ipfs.nftstorage.link/",
    "description": "The official Mebe World token",
    "extensions": {
      "website": "https://mebe.world/",
      "twitter": "http://twitter.com/mebeworld_"
    }
  }
}
```

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.

```
{
  "root": {
    "name": "MEBE",
    "symbol": "MEBE",
    "image": "https://bafkreifpls4wpe64rjihyuo6x3s3bxcqk2agmy6c4vk5hhaaksh4dknehe.ipfs.nftstorage.link/",
    "description": "The official Mebe World token",
    "extensions": {
      "website": "https://mebe.world/",
      "twitter": "http://twitter.com/mebeworld_",
      "description": "The official Mebe World token"
    },
    "tags": [
      "Meme"
    ],
    "address": "DEA8BG3bGUYQQW38YHfQKtX5MeCAuxs2CyPgQc2Y8sYB",
    "icon": "https://bafkreifpls4wpe64rjihyuo6x3s3bxcqk2agmy6c4vk5hhaaksh4dknehe.ipfs.nftstorage.link/",
    "decimals": 9,
    "onChainExtensions": [
      {
        "extension": "transferFeeConfig",
        "state": {
          "newerTransferFee": {
            "epoch": 588,
            "maximumFee": 7000000000000000,
            "transferFeeBasisPoints": 100
          },
          "olderTransferFee": {
            "epoch": 588,
            "maximumFee": 7000000000000000,
            "transferFeeBasisPoints": 100
          }
        }
      }
    ]
  }
}
```

TECHNICAL FINDINGS

● Centralization / Privilege (A private wallet owns over 88% share of the supply)

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

● Contract owner can update metadata (such as its name, symbol, and other attributes)

Tokens on the Solana blockchain can have mutable or immutable data. Immutable tokens have fixed data that cannot be altered once the token is created. On the other hand, mutable tokens allow for changes to their data, which can be useful in certain scenarios where updates to the token's attributes or properties are required.

It's important to note that the ability to modify token data introduces some considerations, such as potential security and trust issues, depending on the use case. Developers and users should carefully evaluate whether mutable tokens are suitable for their specific requirements and ensure proper security measures are in place to prevent unauthorized changes.

In summary, while mutable tokens can offer flexibility, it's essential to balance this with robust security measures to prevent undesirable outcomes and protect the integrity of the token system

● Fee config enabled

It's concerning for potential investors when the `transferFeeConfigAuthority` is not null because it grants an entity the power to modify transfer fees within the contract. This authority enables the contract owner or designated entity to potentially increase fees without oversight, which can discourage investment by raising transaction costs and reducing profitability for investors.

Moreover, unchecked fee manipulation may lead to a lack of transparency, eroding trust in the project and deterring participation from potential users and investors alike. Therefore, the presence of a non-null `transferFeeConfigAuthority` without proper safeguards raises concerns about fair and equitable fee structures, potentially hindering investor confidence and adoption of the project.

```
"transferFeeConfigAuthority":string"6AKsJsENnnNWEQU1pxXueBJbnbnPNuCSfNHGRaZQ5HpJ"
```

● LP has to be added manually by the team

The team utilizing Pinksale Launchpad on the Solana blockchain needs to manually add the liquidity pool (LP)

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 3 HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	1%
Sell fees:	1%
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk





Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Rug Pull Risk

Liquidity:	Unknown liquidity pools
Holders:	over 88% unlocked tokens



MEBE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

#	Token Account	Account	Quantity	Percentage	Withheld Amount
1	 Cno6AF...9chtXp	 6AKsJs...ZQ5HpJ	6,181,818,181.818182	88.3116%	0
2	 6QrDgD...Sfj2gi	 w7Encw...3KgnWL	810,000,000	11.5714%	0

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.

