freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

MemeNexusAI

$MENE

17/04/2024

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

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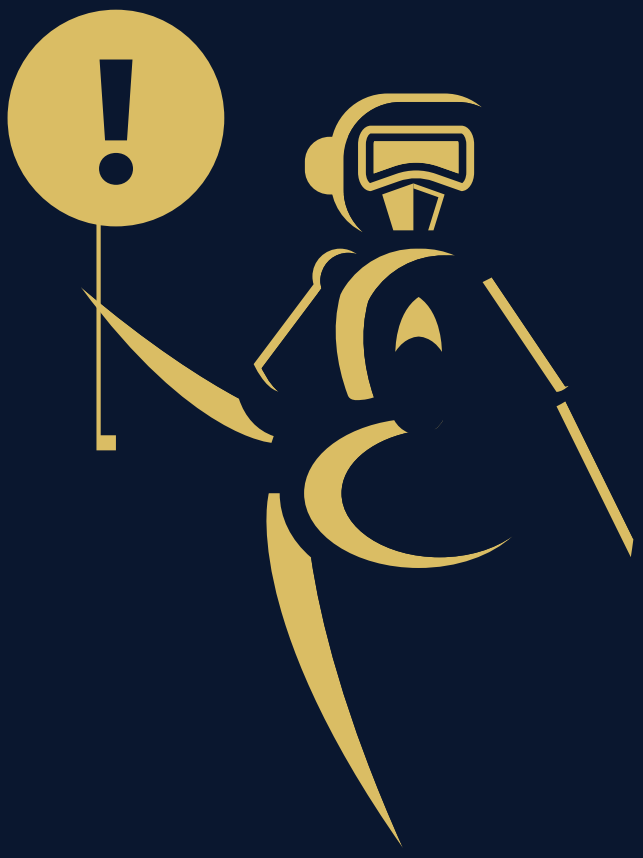
DISCLAIMER

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

GVbUoQtRmr7EQDwQ81YKDd9Dg16Bjh54zL6WjLNW5VkN

Network: Solana (SOL)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 17/04/2024

WEBSITE DIAGNOSTIC

https://memenexusai.com/

0-49 50-89 90-100

Performance	Accessibility	Best Practices	SEO	Progressive Web App
96	92	94	90	NA

Socials

Twitter

https://twitter.com/memenexusai

Telegram

https://t.me/memenexusai

AUDIT OVERVIEW

88

Security Score

- Auditing Request
  17.04.2024
- Onboarding Process
  17.04.2024
- Audit Preview
  17.04.2024
- Audit Release
  17.04.2024

0	High
1	Medium
0	Low
0	Optimizations
0	Informational

TOKEN SUMMARY

Address:	GVbUoQtRmr7EQDwQ81YKDd9Dg16Bjh54zL6WjLNW5VkN
Name:	MemeNexusAI
Symbol:	MENE
Decimals:	6
Supply:	850,000,000.00
Platform:	Solana
Contract Name:	MENE
Optimization:	Yes
License Type:	Unlicensed
Language:	Rust

PROJECT OVERVIEW

METADATA RESULTS

key:	4
updateAuthority:	BzXcMGuNHdpK6mtEvriamo8PBMFYSsaFVkkv76pd9EkV
mint:	GVbUoQtRmr7EQDwQ81YKDd9Dg16Bjh54zL6WjLNW5VkN
sellerFeeBasisPoints:	0
primarySaleHappened:	0
isMutable:	0
editionNonce:	252
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://memenexusai.com/token_metadata.json


```
{ 8 items
  key : 4
  updateAuthority : "BzXcMGuNHdpK6mtEvriamo8PBMFYSsaFVkkv76pd9EkV"
  mint : "GVbUoQtRmr7EQDwQ81YKDd9Dg16Bjh54zL6WjLNW5VkN"
  data : { 4 items
    name : "MemeNexusAI"
    symbol : "MENE"
    uri : "https://memenexusai.com/token_metadata.json"
    sellerFeeBasisPoints : 0
  }
  primarySaleHappened : 0
  isMutable : 0
  editionNonce : 252
  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.


```
{ 6 items
  name : "MemeNexusAI"
  symbol : "MENE"
  description : "MENE is a trailblazing AI-driven platform that fuses the allure of internet meme ..."
  image : "https://memenexusai.com/logo-lg.png"
  uri : "https://memenexusai.com/token_metadata.json"
  extensions : { 3 items
    website : "https://memenexusai.com/"
    twitter : "https://twitter.com/MemeNexusAI"
    telegram : "https://t.me/MemeNexusAI"
  }
}
```

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:	Raydium AMM V4
Holders:	29.47% tokens unlocked

MENE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

#	Account	Token Account	Quantity	Percentage
1	A3EggSpfBXEJhnh5Tb1mAiiBvH8eL1MR4JihBGLvpPwe	7JzcY3hfjFQj4RfgazCHyWYqz5fYDXLBKdaxF5ALXXYr	599,500,000.00	70.52%
2	9FWc85NGx5iVR1UpQ7imKV6ugvxv31ZvEGpcisL5j1o	Cf9hVRZ2gQecHzyBLwefcmZAzFJc5TYPNGpCwmXXadSb	100,000,000.00	11.76%
3	GFwp3LiCPMoKVG5dqnoEfDgvBLeGEQ2JQq7jjGW3RC4U	Ay3oEKr33q7bDuV5zzVFxA2dyzCwJWrJMszdrmz7sRAB	100,000,000.00	11.76%
4	BExenErsw8eC1txqGyeihpedimL7zXbUAgEAgT6fMrBN	Gix1y2y1coTppL7tq9ccVaAAC3QVL1YZNuy9MrRiXjdo	50,000,000.00	5.88%
5	BzXcMGuNHdpK6mtEvriamo8PBMFYSsaFVkkv76pd9EkV	4zSfyPdmHPL8j8Q2axFinXyZHcKnNcZqEsMenmvMTtxX	500,000.00	0.05%

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.