



freshcoins

**SMART CONTRACT CODE REVIEW
AND SECURITY ANALYSIS REPORT**



NexusAI

\$NEX

14/12/2024



TOKEN OVERVIEW

Fees

- Buy fees: **Not Available (0%)**
- Sell fees: **Not Available (0%)**

Fees privileges

- Can't set fees

Ownership

- Not Available

Minting

- Can't mint new tokens

Max Tx Amount / Max Wallet Amount

- Not Available

Blacklist

- Not Available

Other privileges

- Not Available
-

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TECHNICAL DISCLAIMER



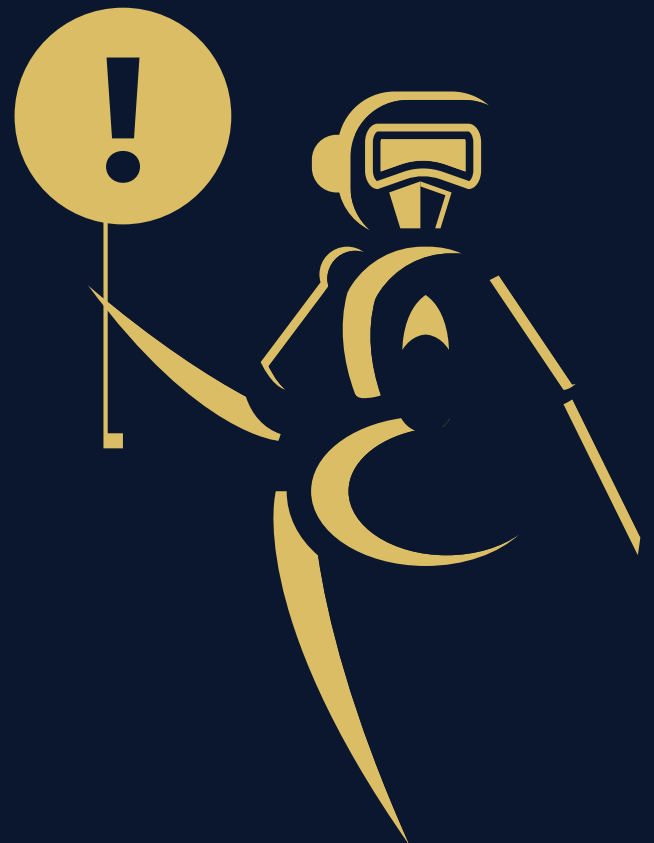
DISCLAIMER

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

FB9PCvgye1E6b2eW82xuzzsfzJSZLPFdSkxvkJQ4jk9U

Network: **Solana (SOL)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **14/12/2024**



WEBSITE DIAGNOSTIC

<https://www.nexusai-network.net/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive Web App

Socials



Twitter

https://x.com/NexusAI_Network



Telegram

https://t.me/nexusai_network

AUDIT OVERVIEW



Security Score

 Auditing Request
13.12.2024

 Onboarding Process
13.12.2024

 Audit Preview
14.12.2024

 Audit Release
14.12.2024

 High

 Medium

 Low

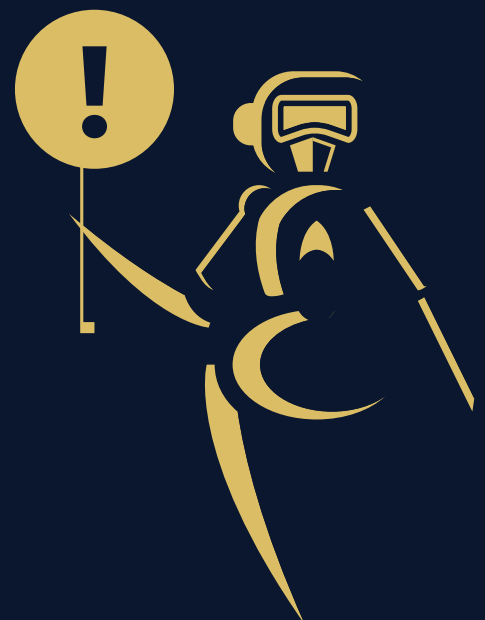
 Optimizations

 Informational



TOKEN SUMMARY

Address:	FB9PCvgye1E6b2eW82xuzzsfzJSZLPFdSkxvkJQ4jk9U
Name:	NexusAI
Symbol:	NEX
Decimals:	9
Supply:	10,000,000.00
Platform:	Solana
Contract Name:	NEX
Optimization:	Yes
License Type:	Unlicensed
Language:	Rust



PROJECT OVERVIEW

METADATA RESULTS

key:	4
updateAuthority:	6TKBb7YWEYyG8ojLaSsCMYYTcKPSy7oSRErowAeYwTZr
mint:	FB9PCvgye1E6b2eW82xuzzsfzJSZLPFdSkxvkJQ4jk9U
sellerFeeBasisPoints:	0
primarySaleHappened:	0
isMutable:	0
editionNonce:	253
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://gateway.pinata.cloud/ipfs/QmSUJoPewCLB64oLxG3tpzbFp3hAMaSxeMNupb9dGQDYGe>

```
{ 8 items
  key : 4
  updateAuthority : "6TKBb7YWEYyG8ojLaSsCMYYTcKPSy7oSRErowAeYwTZr"
  mint : "FB9PCvgye1E6b2eW82xuzzsfzJSZLPFdSkxvkJQ4jk9U"
  data : { 5 items
    name : "NexusAI"
    symbol : "NEX"
    uri : "https://gateway.pinata.cloud/ipfs/QmSUJoPewCLB64oLxG3tpzbFp3hAMaSxeMNupb9dGQDYGe"
    sellerFeeBasisPoints : 0
    creators : [ 1 item
      0 : { 3 items
        address : "6TKBb7YWEYyG8ojLaSsCMYYTcKPSy7oSRErowAeYwTZr"
        verified : 1
        share : 100
      }
    ]
  }
  primarySaleHappened : 0
  isMutable : 0
  editionNonce : 253
  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": "NexusAI",
  "symbol": "NEX",
  "description": "NexusAI is the ultimate platform on the Solana blockchain, designed to simplify and enhance your crypto experience. Merging the power of Artificial Intelligence and the vibrant world of memes into a cutting-edge ecosystem. Built on the Solana blockchain, NexusAI is more than just a token - it's your gateway to a seamless fusion of entertainment, creativity, and technology.",
  "image": "https://gateway.pinata.cloud/ipfs/QmYN9oqe43HrHm5U8Y5YP3jKVfpRGPjXF7oSTKpqyi9msw",
  "extensions": {
    "website": "https://www.nexusai-network.net/",
    "twitter": "https://x.com/NexusAI_Network",
    "telegram": "t.me/nexusai_network",
    "instagram": "https://www.instagram.com/nexusai_network/"
  },
  "youtubeVideo": "https://www.youtube.com/watch?v=gzKt_bJBvM",
  "tags": [
    "Meme",
    "AI",
    "Airdrop"
  ],
  "creator": {
    "name": "CoinFactory"
  }
}
```

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: Not Available (0%)

Sell fees: Not Available (0%)

Max TX: Not Available

Max Sell: Not Available

Honeypot Risk

Ownership: Not Available

Blacklist: Not detected

Modify Max TX: Not detected

Modify Max Sell: Not detected

Disable Trading: Not detected




Rug Pull Risk

Liquidity: Not Available

Holders: 100% unlocked tokens



NEX TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

#	Account	Token Account	Quantity	Percentage
1	 Token Owner 	FV7yMYogZVRmT8GrBC2ukVLqe78zfUU4TVUnA6LiNL8M 	10,000,000.00	100.00%

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.

