



RUGFREECOINS



Grok Bull Token

RugfreeCoins Verified on February 21st, 2024

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Audit details



Audited project
Grok Bull Token



Contract Address
FwUutwnf1A2bdXqfUQyQMnSnfvcAKHcazE8L53muS7zD



Client contact
Grok Bull Token Team



Blockchain
Solana



Project website
<https://grokbull.com/>

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – **please make sure to read it in full.**

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

RugfreeCoins was commissioned by the **Grok Bull Token Team** to perform an audit of the smart contract.

<https://solscan.io/token/FwUutwnf1A2bdXqfUQyQMnSnfvcAKHcazE8L53muS7zD>

This audit focuses on verifying that the smart contract is secure, resilient, and working according to the specifications.

The information in this report should be used to understand the risk exposure of the smart contract, project feasibility, and long-term sustainability, and as a guide to improving the smart contract's security posture by remediating the identified issues.












Tokenomics

▲ 0% tax when buying & selling

Target market and the concept

- ▶ Anyone who's interested in the Crypto space with long-term investment plans.
- ▶ Anyone who's ready to earn a passive income by holding tokens.
- ▶ Anyone who's interested in trading tokens.
- ▶ Anyone who's interested in taking part in the Grok Bull token ecosystem.
- ▶ Anyone who's interested in taking part in the future plans of Grok Bull Token.
- ▶ Anyone who's interested in making financial transactions with any other party Grok Bull Token as the currency.

Potential to grow with score points

 Project efficiency	9 / 10
 Project uniqueness	9 / 10
 Information quality	9 / 10
 Service quality	9 / 10
 System quality	9 / 10
 Impact on the community	9 / 10
 Impact on the business	9 / 10
 Preparing for the future	9 / 10
 Smart contract security	9 / 10
 Smart contract functionality assessment	9 / 10
 Total Score	8.1 / 10

Contract details

Token contract details for 21st of February 2024

Contract name	Grok Bull
Contract address	FwUutwnf1A2bdXqfUQyQMnSnfvcAKHcazE8L53muS7zD
Token supply	1,000,000,000.00
Token ticker	GrokBull
Decimals	9
Token holders	-
Transaction count	-
Update Authority	3BmiFK2kZyJmJgTwCKE5k6tG4nYX8ckpSUDoJ7M5ERpi
Mint	FwUutwnf1A2bdXqfUQyQMnSnfvcAKHcazE8L53muS7zD

Meta Data

Metaplex Meta Data

Solana metadata refers to additional information associated with a digital asset or Non-Fungible Token (NFT) on the Solana blockchain. This information encompasses details such as the asset's name, description, image, attributes, and other pertinent data. In the Solana context, metadata is typically stored in JSON format and linked to the asset's unique identifier or token ID. This metadata serves as crucial information about the asset, enabling users and applications to comprehend and engage with it.

Solana metadata serves various purposes, including the presentation of asset information in marketplaces, the creation of visually rich representations of NFTs, and the facilitation of advanced functionalities such as royalties, provenance tracking, and interoperability across different platforms.

Metaplex Metadata (on-chain data)

[View URI Metadata](#)

```
{
  "root": {
    "key": 4,
    "updateAuthority": "3BmiFK2kZyJmJgTwCKE5k6tG4nYX8ckpSUDoJ7M5ERpi",
    "mint": "FwUutwnf1AZbdXqfUQyQMnSnfvcAKHcazE8L53muS7zD",
    "data": {
      "name": "Grok Bull",
      "symbol": "GrokBull",
      "uri": "https://bafkreithhcxflpsl7kghcldfwq4j3i77xdwbqutw6tmeytu3bexn7mfxfja.ipfs.nftstorage.link",
      "sellerFeeBasisPoints": 0
    },
    "primarySaleHappened": 0,
    "isMutable": 0,
    "editionNonce": 255,
    "tokenStandard": 2,
    "name": "Grok Bull",
    "symbol": "GrokBull"
  }
}
```

Meta Data Results

Field	Value
Key	4
Update authority	3BmiFK2kZyJmJgTwCKE5k6tG4nYX8ckpSUDoJ7M5ERpi
Mint	FwUutwnf1A2bdXqfUQyQMnSnfvcAKHcazE8L53muS7zD
Name	Grok Bull
Symbol	GrokBull
URI	https://bafkreihhcxflpsl7kghcldfwq4j3i77xdwbqqutw6tmeytu3bexn7mfxja.ipfs.nftstorage.link/
SellerFeeBasisPoints	0
PrimarySalesHappened	0
isMutable	0
editionNonce	225
tokenstandard	2

Security issue checking status

❖ High severity issues

No high severity issues found

❖ Medium severity issues

No medium severity issues found

❖ Low severity issues

Centralisation issues

The token Grok Bull token under the ownership of the account with the address of **3BmiFK2kZyJmJgTwCKE5k6tG4nYX8ckpSUDoJ7M5ERpi** and currently holds a substantial supply of Grok Bull tokens.

After the deployment, all tokens were centralized into this specific account. As a result, this address currently holds 55% of the token supply, amounting to 550,000,000 Grok Bull tokens. The consolidation of the entire token supply in one address raises significant concerns regarding centralization within the token's ecosystem. This situation introduces the potential risk of market manipulation and could lead to other adverse consequences, jeopardizing the decentralized nature of the token and the overall health of its ecosystem.

Audit conclusion

RugFreeCoins team has performed in-depth testing, line-by-line manual code review, and automated audit of the smart contract. The smart contract was analyzed mainly for common smart contract vulnerabilities, exploits, manipulations, and hacks. According to the smart contract audit.

Smart contract functional Status:	PASS ▾
Smart contract security Status:	01
Number of risk issues:	NONE ▾
Solidity code functional issue level:	PASS ▾
Number of owner privileges:	NONE ▾
Centralization risk correlated to the active owner:	HIGH ▾
Smart contract active ownership:	ACTIVE ▾