



# Smart Contract Audit

FOR  
**TRUMP GROK TOKEN**

DATED : 25 March, 2024

# MANUAL TESTING

---

## **Centralization – Enabling Trades**

**Severity: High**

**Function: Manual LP**

**Status: Open**

### **Overview:**

This Solana blockchain project is required to **manually create the liquidity pool (LP)**, as it does not have an automated system for listing liquidity pool, this manual process of adding LP could pose risks for investors.

### **Suggestion:**

Use some automated market maker (AMM) like Raydium for auto listing of your token.

---

# MANUAL TESTING

---

## **Centralization/ Privilege**

**Severity: High**

**Function: Initial Token Distribution**

**Status: Open**

### **Overview:**

Upon initialization of the smart contract, the entire token supply is allocated to the deployer, introducing a significant centralization risk. This scenario is problematic as it endows the deployer with the authority to distribute tokens without seeking consensus from the community.

### **Suggestion:**

We recommend that the team should be clear and open regarding the initial distribution of tokens or lock your tokens with some popular Solana Token Locker.

---



# AUDIT SUMMARY

**Project name – TRUMP GROK TOKEN**

**Date:** 25 March, 2024

**Scope of Audit-** Audit Ace was consulted to conduct the smart contract audit of the solidity source codes.

**Audit Status:** **Passed With High Risk**

## Issues Found

Status	Critical	High	Medium	Low	Suggestion
Open	0	2	0	0	1
Acknowledged	0	0	0	0	0
Resolved	0	0	0	0	0



# Token Information

---

**Token Name :** TRUMP GROK TOKEN

**Token Symbol:** TGROK

**Decimals:** 6

**Current Supply:** 1,000,000,000.00

**Total Unlocked:** 1,000,000,000.00

**Network:** SolScan

**Token Type:** Solana Token

**Token Address:**

BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRO6AAswLnRT

**Owner:**

9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

**Creator:**

9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

---



# TOKEN OVERVIEW

---

**Fees:** 0%

---

**Ownership:** Owned

---

**Minting:** No mint function

---

**Freeze Authority:** No

---

**Metadata Update Authority:**

9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

---

**Listing :** Manual

---

**Other privileges**

- **The team is required to manually include the liquidity pool (LP).**
-

# Metaplex Metadata

Solana metadata is the additional information that accompanies a digital asset or NFT (Non-Fungible Token) on the Solana blockchain network. This information often includes the asset's name, description, image, attributes, and other key data that describe the asset more fully.

In Solana's ecosystem, this metadata is usually stored in JSON format and is connected to the asset through its unique identifier, or token ID. The purpose of this metadata is to provide essential details about the asset, enhancing the ability of users and applications to engage with and understand the asset.

Metaplex Metadata (on-chain data)

[View URI Metadata](#)

```

{
  "root": {
    "key": 4
    "updateAuthority": "9rfKXPXJUNbLnQ5axuv7NQe7najGn1nAZyQwcN7NevqS"
    "mint": "BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRO6AAswLnRT"
    "data": {
      "name": "TRUMP GROK TOKEN"
      "symbol": "TGROK"
      "uri": "https://bafkreigourde7ymj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevpi.ipfs.nftstorage.link"
      "sellerFeeBasisPoints": 0
    }
    "primarySaleHappened": 0
    "isMutable": 1
    "editionNonce": 255
    "tokenStandard": 2
    "name": "TRUMP GROK TOKEN"
    "symbol": "TGROK"
  }
}
```

# URI Metadata

URI metadata within the Solana ecosystem pertains to the information linked to a token, which is accessed through its Uniform Resource Identifier (URI).

<https://bafkreigourde7yrmj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevpi.ipfs.nftstorage.link/>

Metadata is retrieved from token's URI: <https://bafkreigourde7yrmj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevpi.ipfs.nftstorage.link>

View Metaplex Metadata

```

{
  "root": {
    "name": "TRUMP GROK TOKEN",
    "symbol": "TGROK",
    "description": "https://t.me/TrumpGrokToken",
    "extensions": {
      "website": "https://trumpgrok.xyz/",
      "twitter": "https://twitter.com/TrumpGrokToken",
      "telegram": "https://t.me/TrumpGrokToken"
    },
    "creator": {
      "name": "Smithii Tools",
      "site": "https://tools.smithii.io/token-creator/solana"
    },
    "image": "https://bafybeibrndpu64zjgb47xmmr4shbucmcwlkeold53zs4sact2zwubtfcfa.ipfs.nftstorage.link",
    "address": "BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRo6AAswLnRT",
    "icon": "https://bafybeibrndpu64zjgb47xmmr4shbucmcwlkeold53zs4sact2zwubtfcfa.ipfs.nftstorage.link"
  }
}
```





# METADATA RESULTS

---

**key** : 4

**updateAuthority** :

9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

**mint** : BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRO6AAswLnrT

**name** : TRUMP GROK TOKEN

**symbol** : TGROK

**uri** :

https://bafkreigourde7yrmj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevp  
i.ipfs.nftstorage.link

**sellerFeeBasisPoints** : 0

**primarySaleHappened** : 0

**isMutable** : 1

**editionNonce** : 255

**tokenStandard** : 2

---



# CLASSIFICATION OF RISK

## Severity

## Description

◆ Critical	These vulnerabilities could be exploited easily and can lead to asset loss, data loss, asset, or data manipulation. They should be fixed right away.
◆ High-Risk	A vulnerability that affects the desired outcome when using a contract, or provides the opportunity to use a contract in an unintended way.
◆ Medium-Risk	A vulnerability that could affect the desired outcome of executing the contract in a specific scenario.
◆ Low-Risk	A vulnerability that does not have a significant impact on possible scenarios for the use of the contract and is probably subjective.
◆ Gas Optimization / Suggestion	A vulnerability that has an informational character but is not affecting any of the code.

## Findings

### Severity

### Found

◆ Critical	0
◆ High-Risk	2
◆ Medium-Risk	0
◆ Low-Risk	0
◆ Gas Optimization / Suggestions	1

# MANUAL TESTING

---

## **Centralization – Enabling Trades**

**Severity: High**

**Function: Manual LP**

**Status: Open**

### **Overview:**

This Solana blockchain project is required to **manually create the liquidity pool (LP)**, as it does not have an automated system for listing liquidity pool, this manual process of adding LP could pose risks for investors.

### **Suggestion:**

Use some automated market maker (AMM) like Raydium for auto listing of your token.

---

# MANUAL TESTING

---

## Centralization/ Privilege

**Severity: High**

**Function: Initial Token Distribution**

**Status: Open**

### Overview:

Upon initialization of the smart contract, the entire token supply is allocated to the deployer, introducing a significant centralization risk. This scenario is problematic as it endows the deployer with the authority to distribute tokens without seeking consensus from the community.

### Suggestion:

We recommend that the team should be clear and open regarding the initial distribution of tokens or lock your tokens with some popular Solana Token Locker.

---

# MANUAL TESTING

---

## Coding Style

**Severity:** Informational

**Function:** Ability to update token metadata

### Overview:

Metadata of a token encompasses details like its name, symbol, image, and additional information. The ability to update this metadata is held by the owner of the token contract.

### Suggestion:

The `updateAuthority` has the capability to modify the token metadata, which encompasses the name, symbol, and logo of the token. Although it's quite rare, we believe it's important to mention this possibility.

---



# DISCLAIMER

---

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed. The Auditace team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Auditace receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token. The Auditace team disclaims any liability for the resulting losses.

---



# ABOUT AUDITACE

---

We specialize in providing thorough and reliable audits for Web3 projects. With a team of experienced professionals, we use cutting-edge technology and rigorous methodologies to evaluate the security and integrity of blockchain systems. We are committed to helping our clients ensure the safety and transparency of their digital assets and transactions.



**<https://auditace.tech/>**



**[https://t.me/Audit\\_Ace](https://t.me/Audit_Ace)**



**[https://twitter.com/auditace\\_](https://twitter.com/auditace_)**



**<https://github.com/Audit-Ace>**

---