AuditAce

FROM INCEPTION TO SUCCESS

Smart Contract Audit

FOR

TRUMP GROK TOKEN

DATED : 25 March, 2024

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

Issues Found

Status	Critical	High	Medium	Low	Suggestion
Open	0	0	1	0	0
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: 36,250,000.00 (3.62%)

Network: SolScan

Token Type: Solana Token

Token Address:
BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRo6AAswLnrT

Update Authority:
9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

Creator:
9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

TOKEN OVERVIEW

Fees: 0%

Ownership: Renounced

Minting: No mint function

Freeze Authority: No

Metadata Update Authority: Yes

Listing : Raydium AMM V4

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" : { 14 items
    "key" : int 4
    "updateAuthority" : string "9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS"
    "mint" : string "BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRo6AAswLnrT"
    ▼ "data" : { 4 items
        "name" : string "TRUMP GROK TOKEN"
        "symbol" : string "TGROK"
        "uri" : string "https://bafkreigourde7yrmj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevpi.ipfs.nftstorage.link"
        "sellerFeeBasisPoints" : int 0
    }
    "primarySaleHappened" : int 0
    "isMutable" : int 1
    "editionNonce" : int 255
    "tokenStandard" : int 2
    "name" : string "TRUMP GROK TOKEN"
    "symbol" : string "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" : { 17 items
    "name" : string "TRUMP GROK TOKEN"
    "symbol" : string "TGROK"
    "description" : string "https://t.me/TrumpGrokToken"
    "extensions" : { 3 items
        "website" : string "https://trumpgrok.xyz/"
        "twitter" : string "https://twitter.com/TrumpGrokToken"
        "telegram" : string "https://t.me/TrumpGrokToken"
    }
    "creator" : { 2 items
        "name" : string "Smithii Tools"
        "site" : string "https://tools.smithii.io/token-creator/solana"
    }
    "image" : string "https://bafybeibrndpu64zjgb47xmmr4shbucmcwlkeold53zs4sact2zwubtfcfa.ipfs.nftstorage.link"
    "address" : string "BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRo6AAswLnrT"
    "icon" : string "https://bafybeibrndpu64zjgb47xmmr4shbucmcwlkeold53zs4sact2zwubtfcfa.ipfs.nftstorage.link"
```

METADATA RESULTS

key : 4

updateAuthority :
9rfKXPXJUNbLnQ5axuv7NQe7najGn1nA2yQwcN7NevqS

mint : BKicppcNJAfm1fVT3YJz3zniq83yJyDSLRo6AAswLnrT

name : TRUMP GROK TOKEN

symbol : TGROK

uri :
https://bafkreigourde7yrmj7giq3jldfadcgxi5kfbon5ikd7o7g6yuzqjrvevpi.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**	0
◆ **Medium-Risk**	1
◆ **Low-Risk**	0
◆ **Gas Optimization / Suggestions**	0

MANUAL TESTING

Coding Style
Severity: Medium
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.

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