



Smart Contract Audit

FOR

Baby SORA

DATED : 24 Feb, 2024

MANUAL TESTING

Centralization – Enabling Trades

Severity: High

Function: Manual LP

Status: Open

Overview:

Solana blockchain projects launching on PinkSale Launchpad are required to **manually create the liquidity pool (LP)**, as PinkSale does not offer an automated system for listing liquidity pools on the Solana network at this time, this manual process of adding LP could pose risks for investors.

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



AUDIT SUMMARY

Project name – Baby SORA

Date: 24 Feb, 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 : Baby SORA

Token Symbol: BabySORA

Decimals: 8

Current Supply: 100,000,000,000.00

Total Unlocked: 100,000,000,000.00

Burn: 0

Network: SolScan

Token Type: Solana Token

Token Address:

soCTtQ1L647vfXePJM9PJVNadPcNYLT4qRsQQGrx9ra

Owner:

GTb9fpEHUZHqZLh9CkNA3uDEQVrTWcQMdwBtLr12szh



TOKEN OVERVIEW

Fees: 0%

Ownership: Owned

Minting: No

Max Tx Amount/ Max Wallet Amount: No

Blacklist: No

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": "GTb9fpEHUZH9CkNA3uDEQVrTWcQMdwBtLr12szh",
    "mint": "soCt1Q1L647vfXePJM9PJVNaDPcNYLT4qRsQQGrx9ra",
    "data": {
      "name": "Baby SORA",
      "symbol": "BabySORA",
      "uri": "https://raw.githubusercontent.com/babysora/babysora/main/metadata.json",
      "sellerFeeBasisPoints": 0
    },
    "primarySaleHappened": 0,
    "isMutable": 0,
    "editionNonce": 255,
    "tokenStandard": 2,
    "name": "Baby SORA",
    "symbol": "BabySORA"
  }
}
```

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://raw.githubusercontent.com/babysora/babysora/main/metadata.json>

Metadata is retrieved from token's URI: <https://raw.githubusercontent.com/babysora/babysora/main/metadata.json>

View Metaplex Metadata

```
{
  "root": {
    "name": "Baby SORA",
    "symbol": "BabySORA",
    "description": "Immerse yourself in a visually stunning fusion of Sora's AI model and the dynamic realm of crypto as you witness the birth of innovation and partnerships in every phases",
    "image": "https://raw.githubusercontent.com/babysora/babysora/main/logo.jpg",
    "attributes": [
      {
        "trait_type": "Item",
        "value": "Developer Portal"
      }
    ],
    "address": "soCT1Q1L647vfXePJm9PJVnNadPcNYLT4qRsQQGrx9ra",
    "icon": "https://raw.githubusercontent.com/babysora/babysora/main/logo.jpg",
    "decimals": 8,
    "extensions": {
      "description": "Immerse yourself in a visually stunning fusion of Sora's AI model and the dynamic realm of crypto as you witness the birth of innovation and partnerships in every phases"
    }
  }
}
```




METADATA RESULTS

key : 4

updateAuthority :

GTb9fpEHUZHqZLh9CkNA3uDEQVrTWcQMdwBtLr12szh

mint : soCTtQ1L647vfXePJM9PJVNadPcNYLT4qRsQQGrx9ra

name : Baby SORA

symbol : BabySORA

uri :

<https://raw.githubusercontent.com/babysora/babysora/main/metadata.json>

sellerFeeBasisPoints : 0

primarySaleHappened : 0

isMutable : 0

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

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MANUAL TESTING

Coding Style

Severity: Informational

Function: Ability to update token metadata

Overview:

The mint authority has the role of generating new tokens, yet this role doesn't impact the capacity to modify the token's metadata. 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 or any other designated authority, independent of the mint authority's powers.

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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