



# Smart Contract Audit

FOR

LuffyWifStrawHat

DATED : 15 March, 2024

# MANUAL TESTING

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## **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.

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## **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

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# AUDIT SUMMARY

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**Project name –** LuffyWifStrawHat

**Date:** 15 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

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# Token Information

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**Token Name :** LuffyWifStrawHat

**Token Symbol:** STRAWHAT

**Decimals:** 6

**Supply:** 690,420,000.00

**Burn:** 0

**Network:** SolScan

**Token Type:** Solana Token

**Token Address:**

BrYG5qZrWrezotGnQ8dSTYUuLcE384zedeRdaoHUT Ae

**Owner:** Renounced

**Creator:**

5Kk7ZaFQSxbPQcxeAMRFRVbdfGwDvWNj6H1HQroEjAge

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# TOKEN OVERVIEW

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**Fees:** 0%

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**Ownership:** Renounced

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**Minting:** No mint function

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**Max Tx Amount/ Max Wallet Amount:** No

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**Blacklist:** No

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**Other privileges**

- The team is required to manually include the liquidity pool (LP).
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# 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": "5Kk7ZaFQsxbPQcxeAMRFRVbdfGwDvWNj6H1HQroEjAge",
    "mint": "BrYG5qZrWrezotGnQ8dSTYUuLcE384zedeRdaoeHUTae",
    "data": {
      "name": "LuffyWifStrawHat",
      "symbol": "STRAWHAT",
      "uri": "https://bafkreib7pqssrdxp3fvfrzbhx55xpybnwrdtg7dmuqcz3rcdl522tfi.ipfs.nftstorage.link",
      "sellerFeeBasisPoints": 0
    },
    "primarySaleHappened": 0,
    "isMutable": 0,
    "editionNonce": 255,
    "tokenStandard": 2,
    "name": "LuffyWifStrawHat",
    "symbol": "STRAWHAT"
  }
}
```



# 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://bafkreib7pqssrdxjp3fvvfrzbhx55xpybnwrdatg7dmuqcz3rcdls22tfi.ipfs.nftstorage.link/>

Metadata is retrieved from token's URI: <https://bafkreib7pqssrdxjp3fvvfrzbhx55xpybnwrdatg7dmuqcz3rcdls22tfi.ipfs.nftstorage.link>

View Metaplex Metadata

```

{
  "root": {
    "name": "LuffyWifStrawHat",
    "symbol": "STRAWHAT",
    "image": "https://bafkreibkjkf43mfd4qjahm45sumdgr63amxnl3awdocnxditxnuaau.ipfs.nftstorage.link",
    "description": "The pets had their day, it's time for LuffyWifStrawHat to take the reign. Token for the people. No Team Tokens!",
    "extensions": {
      "website": "https://www.luffywifstrawhat.com/",
      "twitter": "https://twitter.com/LuffyWifHatSOL",
      "telegram": "https://t.me/luffywifstrawhat",
      "description": "The pets had their day, it's time for LuffyWifStrawHat to take the reign. Token for the people. No Team Tokens!"
    }
  },
  "tags": [
    "Meme",
    "Airdrop",
    "FanToken"
  ]
}
```





# METADATA RESULTS

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**key :** 4

**updateAuthority :**

5Kk7ZaFQSxbPQcxeAMRFRVbdfGwDvWNj6H1HQroEjAge

**mint :** BrYG5qZrWrezotGnQ8dSTYUuLcE384zedeRdaoeHUTAe

**name :** LuffyWifStrawHat

**symbol :** STRAWHAT

**uri :**

<https://bafkreib7pqssrdxjp3fvvfrzbhx55xpybnwrdatg7dmuqcz3rcdls22tfi.ipfs.nftstorage.link>

**sellerFeeBasisPoints :** 0

**primarySaleHappened :** 0

**isMutable :** 0

**editionNonce :** 255

**tokenStandard :** 2

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# 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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## 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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# ABOUT AUDITACE

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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.



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