



# Smart Contract Audit

FOR

MarioWifHat

DATED : 12 April, 2024



# AUDIT SUMMARY

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**Project name** – MarioWifHat

**Date:** 12 April, 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

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# Token Information

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**Token Name :** MarioWifHat

**Token Symbol:** MWIF

**Decimals:** 1

**Current Supply:** 69,000,000,000.00

**Unlocked:** 2,197,500,000.00 (3.18%)

**Network:** SolScan

**Token Type:** Solana Token

**Token Address:**

HwS739MYu3tUP2LpBpEyJdeuSAxuRFES94EbBofL2RUe

**Update Authority:**

GAwAs47XeYdzLrCXUpNSw1N8tmTRj2kYMKpfRprZcBt

**Creator:**

GAwAs47XeYdzLrCXUpNSw1N8tmTRj2kYMKpfRprZcBt

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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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**Freeze Authority:** No

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**Metadata Update Authority:** Yes

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**Listing :** Raydium AMM V4

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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](#)

```
{ 8 items
  key : 4
  updateAuthority : "GAWAs47XeYdzLrCXUpNSw1N8tmTRj2kYMKpfRprZcBt"
  mint : "HwS739MYu3tUP2LpBpEyJdeuSAXuRFES94EbBofL2RUe"
  data : { 5 items
    name : "MarioWifHat"
    symbol : "MWIF"
    uri : "https://bafkreia25qums5d25fbklkovdspalvberzk3v7nt35jr577cronqfteepm.ipfs.nftstor ..."
    sellerFeeBasisPoints : 0
    creators : [ 1 item
      0 : { 3 items
        address : "GAWAs47XeYdzLrCXUpNSw1N8tmTRj2kYMKpfRprZcBt"
        verified : 1
        share : 100
      }
    ]
  }
  primarySaleHappened : 0
  isMutable : 1
  editionNonce : 253
  tokenStandard : 2
```



# URI Metadata

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

<https://bafkreia25qums5d25fbklkovdspalvberzk3v7nt35jr577cronqfteepm.ipfs.nftstorage.link/>



# METADATA RESULTS

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**key** : 4

**updateAuthority** :

GAwAs47XeYdzLrCXUpNSw1N8tmTRj2kYMKpfRprZcBt

**mint** : HwS739MYu3tUP2LpBpEyJdeuSAxuRFES94EbBofL2RUe

**name** : MarioWifHat

**symbol** : MWIF

**uri** :

[https://bafkreia25qums5d25fbklkovdspalvberzk3v7nt35jr577cronqft  
eepm.ipfs.nftstorage.link](https://bafkreia25qums5d25fbklkovdspalvberzk3v7nt35jr577cronqft<br/>eepm.ipfs.nftstorage.link)

**sellerFeeBasisPoints** : 0

**primarySaleHappened** : 0

**isMutable** : 1

**editionNonce** : 253

**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	0
◆ Medium-Risk	1
◆ Low-Risk	0
◆ Gas Optimization / Suggestions	0



# MANUAL TESTING

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## 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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# 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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