AuditAce

FROM INCEPTION TO SUCCESS

Smart Contract Audit

FOR

Grampy Cat

DATED : 11 April, 2024

AUDIT SUMMARY

Project name – Grampy Cat

Date: 11 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

Token Information

Token Name : Grampy Cat

Token Symbol: GRAMPY

Decimals: 9

Current Supply: 1,000,000,000.00

Network: SolScan

Token Type: Solana Token

Token Address:
47Nga2Q6m48UYJzqQV7E63BitQVBk9P3DGzeJwnEDGnY

Update Authority:
3rEg2UoKGsNwz7tbrFSza9zURstiX1bTeSEMDYizyh6r

Creator:
3rEg2UoKGsNwz7tbrFSza9zURstiX1bTeSEMDYizyh6r

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

```
▼ { 8 items
    key : 4
    updateAuthority : "3rEg2UoKGsNwz7tbrFSza9zURstiX1bTeSEMDYizyh6r"
    mint : "47Nga2Q6m48UYJzqQV7E63BitQVBk9P3DGzeJwnEDGnY"
  ▼ data : { 5 items
        name : "Grampy Cat"
        symbol : "GRAMPY"
        uri : "https://nftstorage.link/ipfs/bafkreibvn2sut5yhb5qbplnfynercbgkqig6ewfuakskkc2n7l ..."
        sellerFeeBasisPoints : 0
      ▼ creators : [ 1 item
          ▼ 0 : { 3 items
                address : "3rEg2UoKGsNwz7tbrFSza9zURstiX1bTeSEMDYizyh6r"
                verified : 1
                share : 100
            }
        ]
    }
    primarySaleHappened : 0
    isMutable : 1
    editionNonce : 251
    tokenStandard : 2
```

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://nftstorage.link/ipfs/bafkreibvn2sut5yhb5qbplnfynercbgkqig6ewfuakskkc2n7lvm5vyjxu

Metadata is retrieved from token's URI: *https://nftstorage.link/ipfs/bafkreibvn2sut5yhb5qbplnfynercbgkqig6ewfuakskkc2n7lvm5vyjxu*

View Metaplex Metadata

▸ {} 0 items

METADATA RESULTS

key : 4

updateAuthority : 3rEg2UoKGsNwz7tbrFSza9zURstiX1bTeSEMDYizyh6r

mint : 47Nga2Q6m48UYJzqQV7E63BitQVBk9P3DGzeJwnEDGnY

name : Grampy Cat

symbol : GRAMPY

uri :
https://nftstorage.link/ipfs/bafkreibvn2sut5yhb5qbplnfynercbgkqig6ewfuakskkc2n7lvm5vyjxu

sellerFeeBasisPoints : 0

primarySaleHappened : 0

isMutable : 1

editionNonce : 251

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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