



Smart Contract Audit

FOR

Melania Trump

DATED : 26 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 – Melania Trump

Date: 26 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 : Melania Trump

Token Symbol: MELA

Decimals: 9

Token Supply: 100,000,000.00

Total Unlocked: 100,000,000.00

Burn: 0

Network: SolScan

Token Type: Solana Token

Token Address:

J5wUqicteb3SaHPmWNKzxrgfPfTswMo7RNFWDpRsPVu

Owner:

8UV8rPAmHtZeXYXD2rBQnfJU245bEYiwCvh7cxzMDviE



TOKEN OVERVIEW

Transfer Fees: 3%

Ownership: Owned

Minting: No mint function

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": "8UV8rPAmHtZeXYXD2rBQnfJU245bEYiwCvh7cxzMDviE",
    "mint": "J5wUqicteb3SaHPmWnkZxrgefPTswMo7RNFWDpRsPVu",
    "data": {
      "name": "Melania Trump",
      "symbol": "MELA",
      "uri": "https://nftstorage.link/ipfs/bafkreidx5pmekufcuvrol4onq7yi5kkxsycwywfrkjccu4c5wdmn2agpxa",
      "sellerFeeBasisPoints": 300,
      "creators": [
        {
          "address": "8UV8rPAmHtZeXYXD2rBQnfJU245bEYiwCvh7cxzMDviE",
          "verified": 1,
          "share": 100
        }
      ]
    }
  }
}
```

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/bafkreidx5pmekufcuvrol4onq7yi5kkxsyncwywfrkjccu4c5wdmn2agpxa>

Metadata is retrieved from token's URI: <https://nftstorage.link/ipfs/bafkreidx5pmekufcuvrol4onq7yi5kkxsyncwywfrkjccu4c5wdmn2agpxa>

View Metaplex Metadata

```
{
  "root": {
    "name": "Melania Trump",
    "symbol": "MELA",
    "description": "Melania Trump is will be a leading memecoin project on SOL, one of the first token with tax on this network. We are here for the long run. 1% tax will go to charities. 2% tax will serve for marketing and developments.",
    "image": "https://photos.pinksale.finance/file/pinksale-logo-upload/1708641332664-ea5417cc3842eeef09aa84987708f438.png",
    "creator": {
      "name": "PinkSale",
      "site": "https://pinksale.finance"
    },
    "address": "J5wUqictb3SaHPmWNKzxrgefptTswMo7RNFWDpRsPVu",
    "icon": "https://photos.pinksale.finance/file/pinksale-logo-upload/1708641332664-ea5417cc3842eeef09aa84987708f438.png",
    "decimals": 9,
    "extensions": {
      "description": "Melania Trump is will be a leading memecoin project on SOL, one of the first token with tax on this network. We are here for the long run. 1% tax will go to charities. 2% tax will serve for"
    }
  }
}
```




METADATA RESULTS

key : 4

updateAuthority :

8UV8rPAmHtZeXYXD2rBQnfJU245bEYiwCvh7cxzMDviE

mint : J5wUqicteb3SaHPmWNKzxrgfPfTswMo7RNFWDpRsPVu

name : Melania Trump

symbol : MELA

uri :

<https://nftstorage.link/ipfs/bafkreidx5pmekufcuvrol4onq7yi5kkxsycwywfrkjccu4c5wdmn2agpxa>

sellerFeeBasisPoints : 300

primarySaleHappened : 0

isMutable : 1

editionNonce : 252

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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Suggestion:

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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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