



Byte Detective

Smart Contract Audit & Blockchain Development

<https://bytedetective.tech>

Types of Severities

High

A high severity issue or vulnerability means that your smart contract can be exploited. Issues on this level are critical to the smart contract's performance or functionality, and we recommend these issues be fixed before moving to a live environment.

Medium

The issues marked as medium severity usually arise because of errors and deficiencies in the smart contract code. Issues on this level could potentially bring problems, and they should still be fixed.

Low

Low-level severity issues can cause minor impact and or are just warnings that can remain unfixed for now. It would be better to fix these issues at some point in the future.

PROJECT NAME: **Cryptolottery**

OFFICIAL LOGO:



Team Doxed: **Yes**

WEBSITE: <https://www.cryptolottery.nft.com>

Checked Vulnerabilities



Reentrancy



ERC20 API violation



Timestamp Dependence



Malicious libraries



Gas Limit and Loops



Old Compiler version



DoS with Block Gas Limit



Redundant fallback function



Transaction-Ordering



Backdoors & Hidden Address



Use of tx.origin



Style guide violation



Exception disorder



Unchecked external call

Contract Audit: 0xC91b5288E0d4bf1e9ecB59a7a1ffD015b66A8Dc6

Can Set Fees

Safe

Can Mint

Safe

Can Burn

Warning Contract have Access to Burn, This a Low Lever Warning

Can Blacklist

Safe

Can Blacklist Massively

Safe

Can Whitelist

Safe

Can Cooldown Transfers

Safe

Can Pause Transfers

Safe

Can change max tx amount

No

cryptolottery^{nft}.sol Smart Contract Report

Summary:

The smart contract appears to be a basic implementation of an ERC-20 token with additional functionality to burn tokens and change ownership. It inherits from the OpenZeppelin contracts, which is generally a good practice for security.

Positive Aspects:

- 1. Inheritance from Standard Interfaces:** The contract correctly inherits from the IERC20 interface and Ownable from the OpenZeppelin library. This ensures compatibility with other ERC-20 tokens and provides basic access control.
- 2. SafeMath Usage:** SafeMath is used to prevent overflows and underflows, which is a good security practice.
- 3. Total Supply:** The contract sets the total supply of the token to 30,000,000 with 18 decimal places.
- 4. Initial Supply Allocation:** Upon deployment, the entire token supply is allocated to the contract owner's address.
- 5. Functions and Events:** The contract implements standard ERC-20 functions such as transfer, approve, allowance, and transferFrom. Events are emitted for transfers and approvals, which is useful for external monitoring.

Potential Issues:

3. Burn Function: The burn function allows the contract owner to burn tokens from any account. While this can be a useful feature, it should be used carefully and might need additional controls or restrictions to prevent misuse.

Smart Contract is Safe!

- Free of Backdoors
- No Malicious Code
- Owner Manipulation Prevention
- Transparent and Secure

Website Analysis: <https://www.cryptolottery NFT.com>

Categories

Xcitium Verdict Cloud

unknown

History

First Submission

2023-07-08 05:52:24 UTC

Last Submission

2023-07-08 05:52:24 UTC

Last Analysis

2023-07-08 05:52:24 UTC

HTTP Response

Final URL

<https://www.cryptolottery NFT.com/>

Serving IP Address

52.206.163.162

Status Code

200

Body Length

23.76 KB

Body SHA-256

2eaf9959b0a65192fed39c687b5e01bf64623b83863d869f6ec424ec09e653bf

Analyse

Headers

Content-Length

6678

X-Cache

HIT

Accept-Ranges

bytes

Connection

keep-alive

X-Cache-Hits

1

X-Cluster-Name

us-east-1-prod-hosting-red

Date

Sat, 08 Jul 2023 05:52:25 GMT

Content-Type

text/html

Age

244

HTML Info

Title

CRYPTO LOTTERY NFT

Meta Tags

viewport

width=device-width, initial-scale=1

Associate links :

- <https://t.me/CryptoguaridaOfficial>
- <https://metamask.io/>
- <https://twitter.com/Manuel36677856>
- <https://twitter.com/CRYPTOlottery91>
- <https://discord.gg/jfbFbXvg>
- https://www.tiktok.com/@cryptolotteryntft?is_from_webapp=1&sender_device=pc
- <https://discord.gg/9ZFgHzBh>
- <https://www.youtube.com/channel/UCA8ZpKwypoN67hGX0upUIEq>
- <https://www.genesys.network/>
- <https://t.me/cryptolotteryntft>

Website is Safe!

- No .Js hidden links or Bad codes found!
- No Phishing codes or bad cookies found
- 100% Ransomware insertion Virus Free



THANK YOU!

10/04/2023