Smart Contract Audit Trethos

Revision 2 dated 02.02.2021

Contents

Brief information

Project: trethos.io
Web: TRON
Compiler version: 0.5.8
Optimization: enabled
The audit date: 02.02.2021

Information

The contract code was reviewed and analyzed for vulnerabilities, logical errors, and the developers' exit scams possibility. This work was carried out concerning the project source code provided by the customer.

During the audit, warning was discovered that not affect the safety of the investor's funds.

General conclusion

As a result of the audit, warning was identified that did not affect the security of users' funds on the contract. No clear signs of an exit scam were found.

Telescr.in guarantee the safety and performance of the Trethos contract.

Liability disclaimer

The telescr.in team within this audit framework is not responsible for the developers or third parties' actions on the platforms associated with this project (websites, mobile applications, and so on). The audit confirms and guarantees only the smart contract correct functioning in the revision provided by the project developers (check the revision).

Confirmed by digital signature

Aggregated data

The Contract analysis was performed using the following methods:

- Static analysis
  - Checking the code for common errors leading to the most common vulnerabilities
- Dynamic analysis
  - The Contract launching and carrying out the attacks various kinds to identify vulnerabilities
- Code Review

Received data

Recommendation	Type	Priority	Occurrence probability
Manual execution	Warning	average	average

A.   Errors

Not found in this revision.

B. Remarks

Not found in this revision.

C. Warnings

1. Manual execution

The activeDepositBonusDistribution (…) function is used to update information about investor bonuses and involves manual execution of this function from outside.

Application. Error classification

Priority	
informational	This question is not directly related to functionality but may be important to understand.
low	This question has nothing to do with security, but it can affect some behavior in unexpected ways.
Average	The problem affects some functionality but does not result in an economically significant user funds loss.
high	This issue can result in the user funds loss.
Probability	
Low	It is unlikely that the system is in a state in which an error could occur or could be caused by any party.
Average	This problem may likely arise or be caused by some party.
high	It is highly likely that this problem could arise or could be exploited by some parties.

Application. Digital bytecode print

The audit was carried out for the code certain version on the compiler version 0.5.8 with the optimization enabled.

To check the contract bytecode for identity to the one that was analyzed during the audit, you must:
1. Get contract bytecode (in any block explorer)
2. Get SHA1 from bytecode string
3. Compare with reference in this report

Sha1 from bytecode:
> 6f5037ba7c6ca13f1431e56315663f0d77f930e0

Sha1 from bytecode (non-metadata):
> fe55f068e8344c95a7747454e6415987b46240a9

Contract address:
> TF4mxfZ9cieRJaGXfYJYkqMRUVJHaFGMzP

Check the digital print

Application. Digital bytecode print

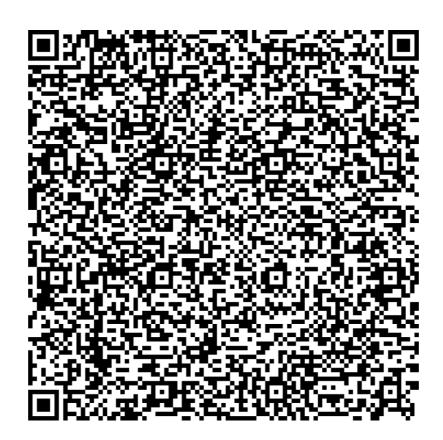# Application. Signature of the audit report

```
{
        "address": "0x505ade8cea4db608250e503a5e8d4cb436044d2e",
        "msg": "As a result of the audit, warning was identified that did not affect the security of users' funds on the contract. No clear signs of an exit
    scam were found. Telescr.in guarantee the safety and performance of the Trethos contract. Sha1 from bytecode: 6f5037ba7c6ca13f1431e56315663f0d77f930e0
    Sha1 from bytecode (non-metadata): fe55f068e8344c95a7747454e6415987b46240a9 Contract address: TF4mxfZ9cieRJaGXfYJYkqMRUVJHaFGMzP",
        "sig": "0x00e1bb2b0d6f8e6282599de19ea0d00f093252ebb91716d3b829c68c4c45ca532474606a3bb971fb3a87ba38a6866910c1c72469740d2e1f449b2d98cb5330891c",
        "version": "3",
}
```

[Check the signature](#)