



SMART CONTRACT SECURITY AUDIT

Trendsy Token

December, 2021

Website: soken.io

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Disclaimer

This is a comprehensive report based on our automated and manual examination of cybersecurity vulnerabilities and framework flaws. We took into consideration smart contract based algorithms, as well. Reading the full analysis report is essential to build your understanding of project's security level. It is crucial to take note, though we have done our best to perform this analysis and report, that you should not rely on the our research and cannot claim what it states or how we created it. Before making any judgments, you have to conduct your own independent research. We will discuss this in more depth in the following disclaimer - please read it fully.

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Security analysis is based only on the smart contracts. No applications or operations were reviewed for security. No product code has been reviewed.

Procedure

Our analysis contains following steps:

1. Project Analysis;
2. Manual analysis of smart contracts:
 - Deploying smart contracts on any of the network(Ropsten/Rinkeby) using Remix IDE
 - Hashes of all transaction will be recorded
 - Behaviour of functions and gas consumption is noted, as well.
3. Unit Testing:
 - Smart contract functions will be unit tested on multiple parameters and under multiple conditions to ensure that all paths of functions are functioning as intended.
 - In this phase intended behaviour of smart contract is verified.
 - In this phase, we would also ensure that smart contract functions are not consuming unnecessary gas.
 - Gas limits of functions will be verified in this stage.
4. Automated Testing:
 - Mythril
 - Oyente
 - Manticore
 - Solgraph

Terminology

We categorize the finding into 4 categories based on their vulnerability:

- Low-severity issue — less important, must be analyzed
- Medium-severity issue — important, needs to be analyzed and fixed
- High-severity issue — important, might cause vulnerabilities, must be analyzed and fixed
- Critical-severity issue — serious bug causes, must be analyzed and fixed.

Limitations

The security audit of Smart Contract cannot cover all vulnerabilities. Even if no vulnerabilities are detected in the audit, there is no guarantee that future smart contracts are safe. Smart contracts are in most cases safeguarded against specific sorts of attacks. In order to find as many flaws as possible, we carried out a comprehensive smart contract audit. Audit is a document that is not legally binding and guarantees nothing.

Token Contract Details for 15.12.2021

Contract Name: **BurnableTeamToken**

Deployed address: **0xBD8ccac4bD523Cb2FDB34876De2f596dBF75885e**

Total Supply: **5,000,000,000,000**

Token Tracker: **TRNDZ**

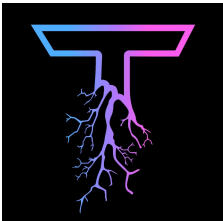
Decimals: **8**

Token holders: **65**

Transactions count: **935**

Top 100 holders dominance: **100.00%**

Audit Details



Project Name: **Trendsy Token**

Language: **Solidity**

Compiler Version: **v0.6.12**

Blockchain: **BSC**

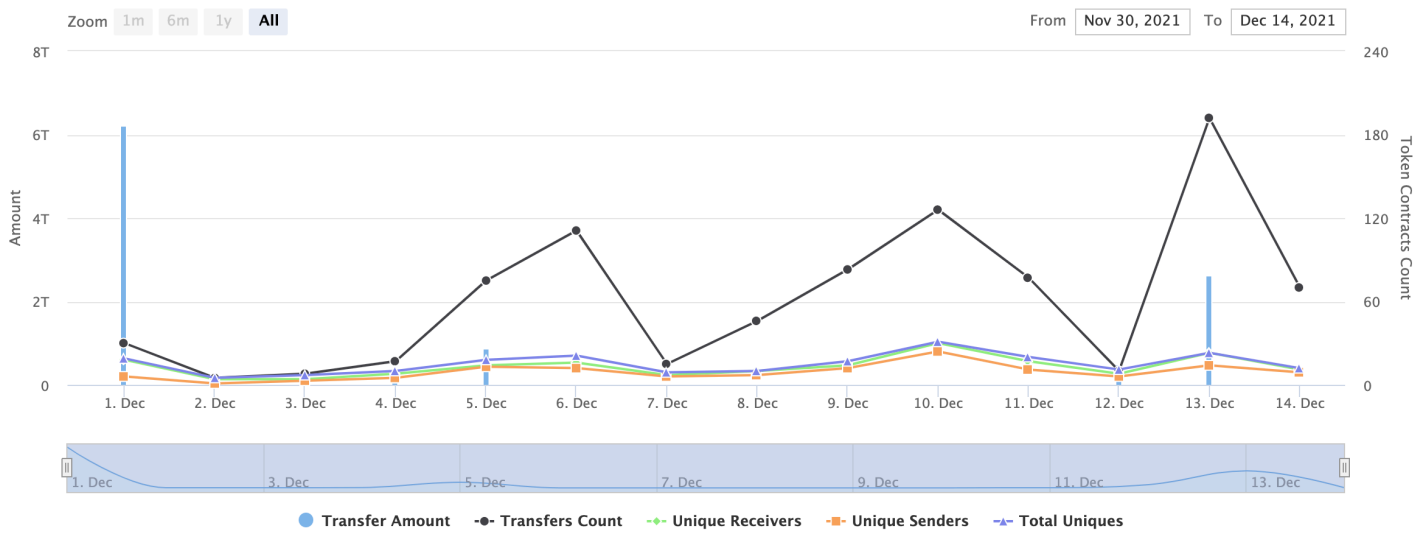
Social Profiles

Project Website: www.trendsytoken.io

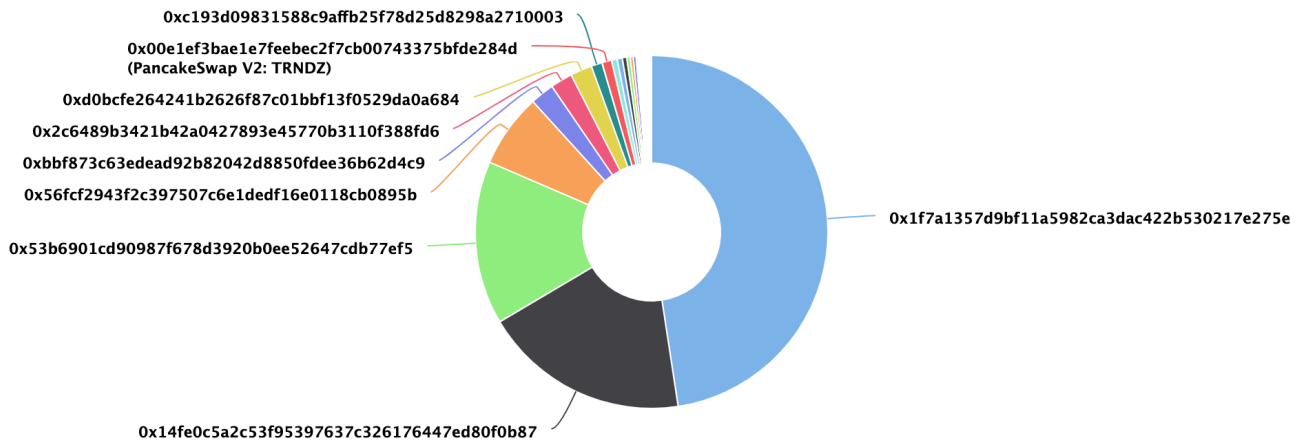
Project Twitter: www.Twitter.com/trendsy_token

Project Telegram: <https://t.me/joinchat/8TsfRK2G1mljNDJh>

Contract Analytics



TRNDZ Token Distribution



TRNDZ Top Holders

Rank	Address	Quantity (Token)	Percentage
1	0x1f7a1357d9bf11a5982ca3dac422b530217e275e	2,379,999,999,990	47.6000%
2	0x14fe0c5a2c53f95397637c326176447ed80f0b87	945,000,000,010	18.9000%
3	0x53b6901cd90987f678d3920b0ee52647cdb77ef5	749,000,000,000	14.9800%
4	0x56fcf2943f2c397507c6e1dedf16e0118cb0895b	338,146,582,858.14596526	6.7629%
5	0xbbf873c63eade92b82042d8850fdee36b62d4c9	110,100,000,000	2.2020%
6	0x2c6489b3421b42a0427893e45770b3110f388fd6	101,000,000,000	2.0200%
7	0xd0bcfe264241b2626f87c01bbf13f0529da0a684	99,900,000,000	1.9980%
8	0xc193d09831588c9affb25f78d25d8298a2710003	50,000,000,000	1.0000%
9	PancakeSwap V2: TRNDZ	45,422,583,028.08793112	0.9085%
10	0xb1bc5fac6a082f59c97f2989b3c31b5996d3a483	25,000,000,000	0.5000%

Swap Analysis

- ✓ Token is sellable (not a honeypot) at this time
- ✓ Buy fee is $\leq 10\%$ (0%)
- ✓ Sell fee is $\leq 10\%$ (0 %)

Contract Analysis

- ✓ Verified contract source
- ✗ No prior similar token contracts
- ✓ Source does not contain a proxy contract
- ✓ Source does not contain a pausable contract
- ✓ Ownership renounced or source does not contain an owner contract.

Holder Analysis

- ✗ Owner/creator wallet contains less than 5% of token supply (57.99%)
- ✗ All other holders possess less than 5% of token supply

Contract Analysis

- ✓ Adequate liquidity present (345.48 ETH)
- ✗ At least 95% of liquidity burned/locked (74.24%)
- ✓ Owner/creator wallet contains less than 5% of liquidity

Contract Function Details

+ BurnableTeamToken.sol

- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] supply
- [Pub] owner
- [Pub] feeWallet

+ BurnableToken.sol

- [Pub] burn
- [Pub] burnFrom

+ Context.sol

- [Int] _msgSender
- [Int] _msgData

+ ERC20.sol

- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] totalSupply
- [Pub] balanceOf
- [Pub] transfer
- [Pub] allowance
- [Pub] approve
- [Pub] transferFrom
- [Pub] increaseAllowance
- [Pub] decreaseAllowance
- [Int] _transfer
- [Int] _mint
- [Int] _burn
- [Int] _approve
- [Int] _setupDecimals
- [Int] _beforeTokenTransfer

+ IERC20.sol

- [Ext] totalSupply
- [Ext] balanceOf
- [Ext] transfer
- [Ext] allowance
- [Ext] approve
- [Ext] transferFrom

- [Ext] totalSupply
- [Ext] balanceOf
- [Ext] transfer
- [Ext] allowance
- [Ext] approve
- [Ext] transferFrom

+ SafeMath.sol

- [Int] tryAdd
- [Int] trySub
- [Int] tryMul
- [Int] tryDiv
- [Int] tryMod
- [Int] add
- [Int] sub
- [Int] mul
- [Int] div
- [Int] mod
- [Int] sub
- [Int] div
- [Int] mod

+ TeamToken.sol

- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] supply
- [Pub] owner
- [Pub] feeWallet

Vulnerabilities checking

Issue Description	Checking Status
Compiler Errors	Completed
Delays in Data Delivery	Completed
Re-entrancy	Completed
Transaction-Ordering Dependence	Completed
Timestamp Dependence	Completed
Shadowing State Variables	Completed
DoS with Failed Call	Completed
DoS with Block Gas Limit	Completed
Outdated Compiler Version	Completed
Assert Violation	Completed
Use of Deprecated Solidity Functions	Completed
Integer Overflow and Underflow	Completed
Function Default Visibility	Completed
Malicious Event Log	Completed
Math Accuracy	Completed
Design Logic	Completed
Fallback Function Security	Completed
Cross-function Race Conditions	Completed
Safe Zeppelin Module	Completed

Conclusion

Low-severity issues exist within smart contracts. Smart contracts are free from any critical or high-severity issues.

NOTE: Please check the disclaimer above and note, that audit makes no statements or warranties on business model, investment attractiveness or code sustainability.

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