



SMART CONTRACT SECURITY AUDIT

CamelToken

December, 2021

Website: soken.io

Table of Contents

Table of Contents	2
Disclaimer	3
Procedure	4
Terminology	5
Limitations	5
Token Contract Details for 06.12.2021	6
Audit Details	6
Social Profiles	7
Contract Analytics	7
CMLT Token Distribution	8
Vulnerabilities checking	9
Security Issues	10
Conclusion	11
Soken Contact Info	12

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 06.12.2021

Contract Name: **MainToken**

Deployed address: **0x829eE30A8Fac90152105DD77d6ffA01158Af9434**

Total Supply: **1,000,012,962**

Token Tracker: **CMLT**

Decimals: **5**

Token holders: **7,654**

Transactions count: **8,862**

Top 100 holders dominance: **100.00%**

Audit Details



Project Name: **CamelToken**

Language: **Solidity**

Compiler Version: **v0.4.24**

Blockchain: **BSC**

Social Profiles

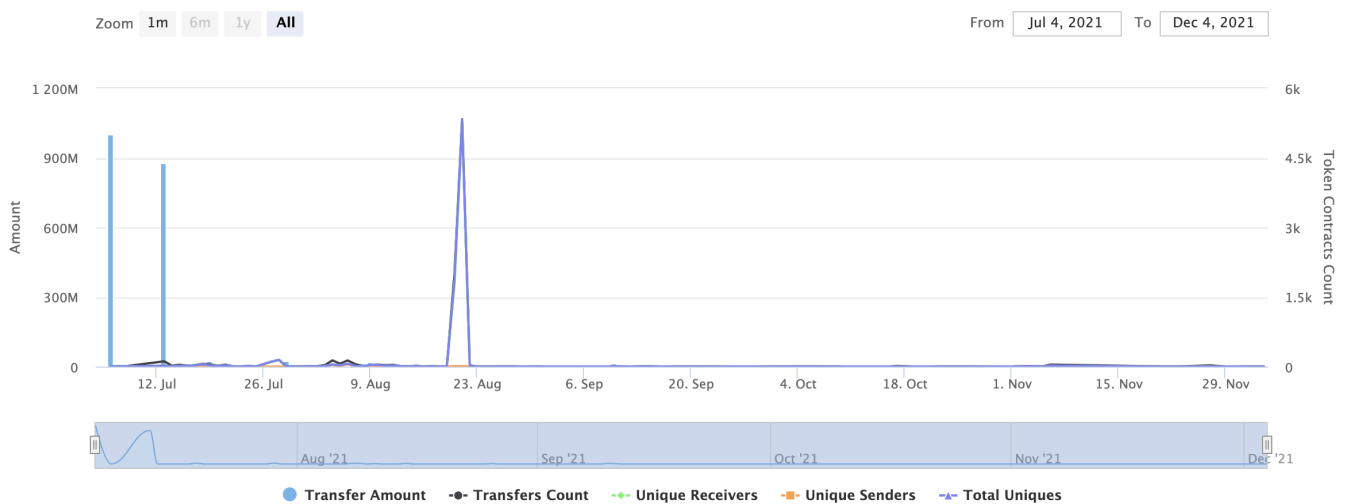
Project Website: <https://www.cmltoken.com/>

Project Twitter: <https://twitter.com/tokencamel>

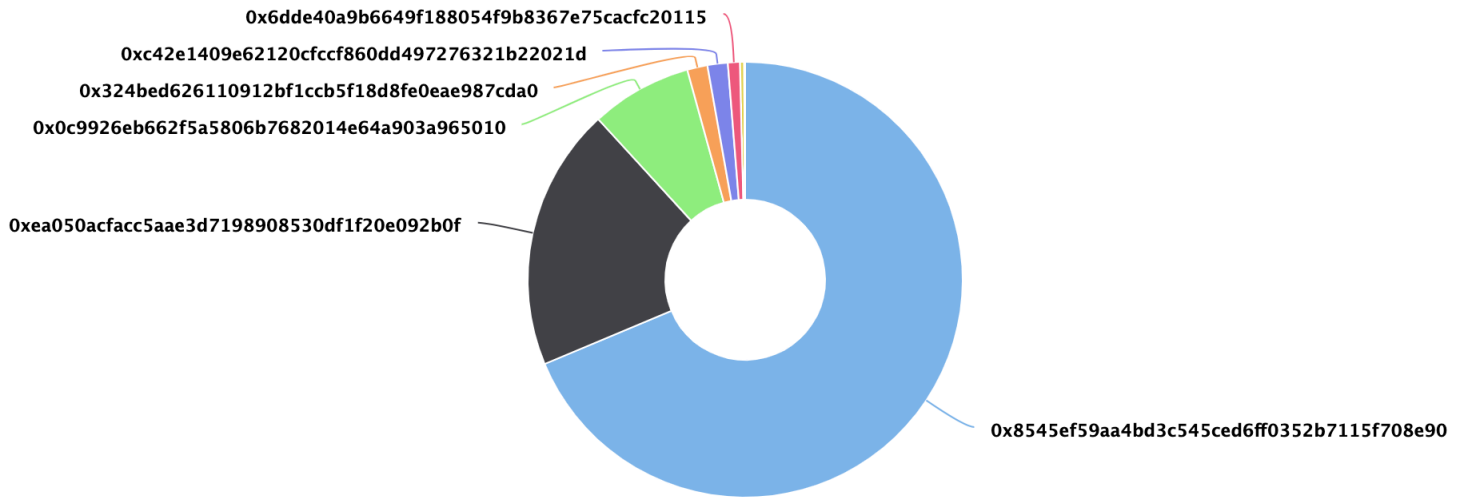
Project Facebook: <https://www.facebook.com/Camel-Token-CMLT-102801658746317>

Project Group info: <https://t.me/cmltoken>

Contract Analytics



CMLT Token Distribution



CMLT Top Holders

Rank	Address	Quantity (Token)	Percentage
1	0x8545ef59aa4bd3c545ced6ff0352b7115f708e90	686,867,484.029	68.6859%
2	0xea050acfac5aae3d7198908530df1f20e092b0f	195,189,750.15911	19.5187%
3	0x0c9926eb662f5a5806b7682014e64a903a965010	75,133,073.71849	7.5132%
4	0x324bed626110912bf1ccb5f18d8fe0eae987cda0	15,043,246.47978	1.5043%
5	0xc42e1409e62120cfccf860dd497276321b22021d	15,000,000	1.5000%
6	0x6dde40a9b6649f188054f9b8367e75cacfc20115	9,000,000	0.9000%
7	0x6b1e66c0f175697ac52ec404a23e55b0b00909f4	3,001,805	0.3002%
8	0x654d765b07457f05855de29353d7d2f20ed3097b	503,023.77523	0.0503%
9	0xcf8118afee3509ab1a34e1bfa50b366590712829	60,750	0.0061%
10	0x84da0d5c77c2ff756e067698768b278b836363ef	14,500	0.0014%

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

Security Issues

1) Owner Privileges

The contract contains ownership functionality and ownership is not renounced which allows the creator or current owner to modify contract behaviour (for example, disable selling or mint new tokens).

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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