



SMART CONTRACT SECURITY AUDIT

Dragoma

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June, 2022

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 13.06.2022

Contract Name: **DMAToken**

Deployed address: **0x16DFb898cf7029303c2376031392cb9baC450f94**

Total Supply: **42,000,000**

Token Tracker: **DMA**

Decimals: **18**

Token holders: **2183**

Transactions count: **2204**

Top 100 holders dominance: **99.36%**

Audit Details



Project Name: **Dragoma**

Language: **Solidity**

Compiler Version: **v0.8.13**

Blockchain: **Polygon**

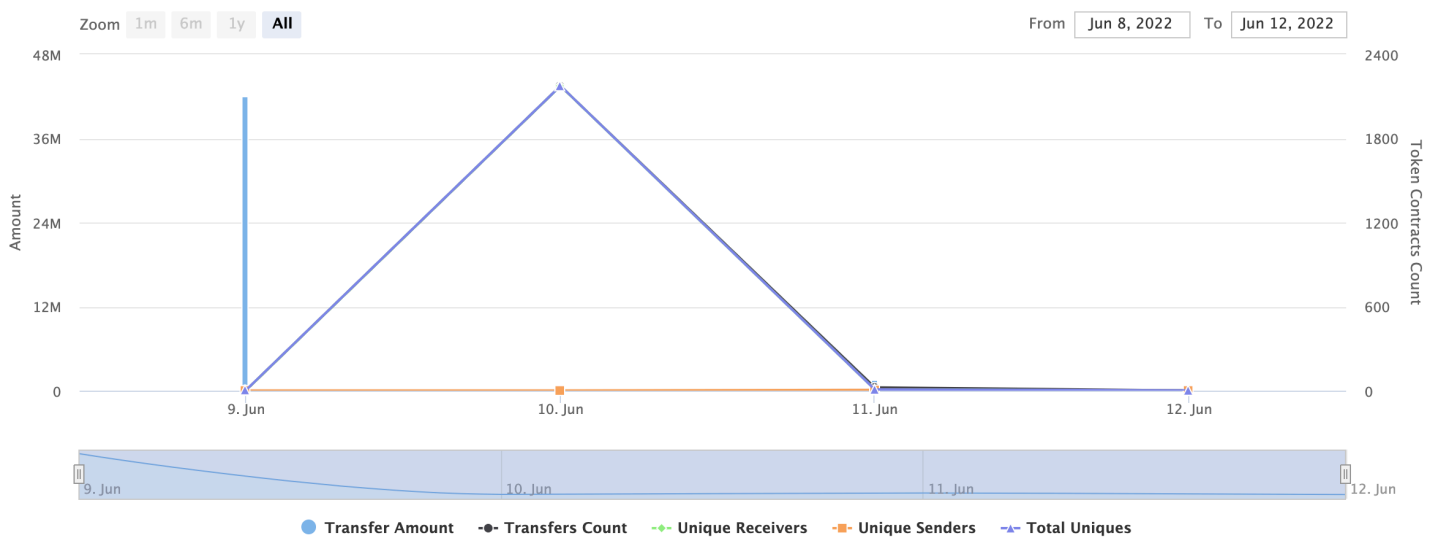
Social Profiles

Project Website: <https://dragoma.io/>

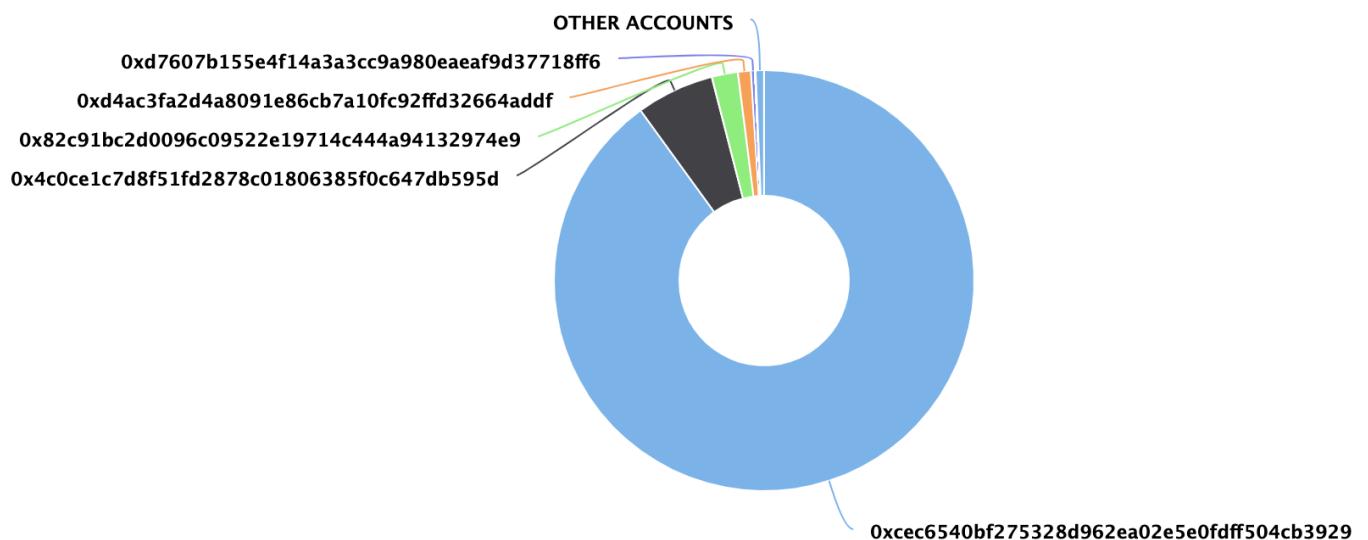
Project Twitter: https://twitter.com/dragoma_club

Project Telegram: https://t.me/dragoma_Fi



Contract Analytics



DMA Token Distribution



DMA Top Holders

Rank	Address	Quantity (Token)	Percentage
1	 0xcec6540bf275328d962ea02e5e0dff504cb3929	37,801,351.040084684534092913	90.0032%
2	0x4c0ce1c7d8f51fd2878c01806385f0c647db595d	2,519,651.116875765232081344	5.9992%
3	0x82c91bc2d0096c09522e19714c444a94132974e9	840,000	2.0000%
4	 0xd4ac3fa2d4a8091e86cb7a10fc92ffd32664addf	418,650.916357398321910843	0.9968%
5	0xd7607b155e4f14a3a3cc9a980eaeaf9d37718ff6	133,978	0.3190%
6	0x042259c992868ce209ef08806d9497d75dae60ca	195	0.0005%
7	0x72468fc399e6ba609c7c23b8ea3dbe19fa04fc7f	195	0.0005%
8	0xab49f2c7b6f64049538d0cc3b6dc4dfd4bdc10a5	195	0.0005%
9	0x965b36a97864619bfdedb2197d7c1d9ced4f0746	195	0.0005%
10	0xafac815f091ab65f87e3376c18aa0e6fa4fcd7c	195	0.0005%

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

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.

Soken Contact Info

Website: www.soken.io

Mob: (+1)416-875-4174

32 Britain Street, Toronto, Ontario, Canada

Telegram: @team_soken

GitHub: sokenteam

Twitter: @soken_team

