



MyRedToken Audit

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|-----------------|---|
| Audit By | Scrutify.io |
| Client | Jagannath Mondal |
| Created On | February 11, 2023 |
| Lines of Code | 712 |
| Methods | Automated Analysis Confidence Check |
| Network | Polygon |
| Source Code | https://bit.ly/scrutify-myredtoken |
| Standard | Basic |
| Tags | Token DApp |
| Tools | Slither Truffle |
| Trust Score | 4.8 |
| Vulnerabilities | 12 |

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Disclaimer

This audit report contains sensitive information about the IT systems and intellectual property of our valued client, as well as details about any vulnerabilities that were identified and the potential ways in which they could be exploited. It is intended for internal use by the client to address and fix any vulnerabilities, but may also be publicly disclosed once all issues have been resolved.

Introduction

A basic audit was conducted, providing a rapid method to uncover vulnerabilities in the contract. This audit included, among others, a preliminary check for code quality, access and visibility, gas efficiency, compiler version, and automated analysis utilizing tools that detect over 100+ potential issues. However, it is important to note that this basic audit may not uncover all security vulnerabilities, and a more thorough, manual audit and functional testing might be required for a complete analysis.

Scope

Automated analysis: An analysis of the smart contract `Source Code` to uncover any potential issues such as reentrancy, transaction-ordering dependence, and others.

Manual Review: Not Included

Functionality Testing: Not Included

Fuzz Testing: Not Included

Detailed Report: Not Included

Recommendations: Not Included

Deliverables

A summary of the findings.

Scrutify Trust Score.

Note: This basic audit focuses solely on automated analysis and does not cover manual review, formal verification, functional testing, security testing, or recommendations.

Vulnerability Indicators

#Critical

Identifies critical vulnerabilities that are usually easy to exploit and can lead to asset loss or data manipulation.

#High

Identifies vulnerabilities that are difficult to exploit, but also have a significant impact on smart contract execution, e.g., public access to crucial functions.

#Medium

Identifies vulnerabilities that must be addressed, but cannot result in asset loss or data manipulation.

#Low

Identifies vulnerabilities that are mostly related to outdated, unused, etc. code snippets that cannot have a significant impact on execution.

#Informational

Identifies vulnerabilities that are good to look at and be addressed, but can have a significant impact on execution of the smart contract, but cannot lead to any loss of fund.

#Gas

Identifies vulnerabilities that are good to look at and be addressed, but can have a significant impact on execution of the smart contract, but cannot lead to any loss of fund.

Findings

We analyzed 8 contracts using 100+ detectors resulting in a total of 12 vulnerabilities listed below.

- Functions that are not used (1 results) ([Informational](#))
- Different versions of Solidity are used (9 results) ([Informational](#))

- Pragma Warning (1 results) ([Informational](#))
- Too Many Digits (1 results) ([Informational](#))



To view detailed report and comprehensive results about the vulnerabilities, we suggest upgrading the plan.

Executive Summary

| Indicators | Open | Acknowledged | Closed | Total |
|---------------|------|--------------|--------|-------|
| Critical | 0 | 0 | 0 | 0 |
| High | 0 | 0 | 0 | 0 |
| Medium | 0 | 0 | 0 | 0 |
| Low | 0 | 0 | 0 | 0 |
| Informational | 12 | 0 | 0 | 12 |
| Gas | 0 | 0 | 0 | 0 |
| Total | 12 | 0 | 0 | 12 |

Scrutify Trust Score

The Scrutify score is a numerical rating, on a scale of 0 to 5, that is determined by evaluating various factors such as the number of lines of code and the severity and confidence levels of any identified vulnerabilities. The score is divided into the following categories: **Poor** (0-1.49), **Low** (1.5-2.99), **Average** (3-4.49), and **Good** (>4.5).

Upgrade to a **Pro Audit** for in-depth analysis and comprehensive results of smart contract audit. Simply [click here](#) or send us an email at audits@scrutify.io to request a Pro Audit.

Disclaimer

The smart contracts provided for audit have been analyzed using common industry tools. The findings of this basic audit are intended to identify vulnerabilities in the contracts, but do not guarantee the security of the code. This report should not be considered a comprehensive assessment of the code's utility, safety, or bug-free status, and no warranties are made regarding the security of the code. A more thorough analysis, including manual review and functional testing, may be necessary to fully assess the safety and functionality of the contracts.

About Scrutify

Scrutify is a smart contract audit platform that was founded to help businesses and individuals ensure the security and integrity of their smart contracts. Our team of experienced blockchain developers and security experts has completed over **100+ audits** and secured over **\$2B+ total amount**. We conduct more than **100+ vulnerability checks**, making us one of the most trusted and reliable platforms in the industry.

At Scrutify, we are committed to providing fast and accurate results to our clients. Our proprietary algorithms and in-depth analysis techniques allow us to identify vulnerabilities and potential issues quickly and effectively. And, to further demonstrate our confidence in our services, we offer a **100% money back guarantee**.

Whether you are a business owner looking to secure your smart contracts, or an individual looking to ensure the safety of your assets, Scrutify is here to help. Contact us today to learn more about how we can protect your smart contracts and give you peace of mind.

Website: <https://scrutify.io/>

Email: audit@scrutify.io

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