



Tokenine co., ltd.

39/129 moo 7, Suan Koon Village
Ban Suan, Muang Chonburi, Chonburi, 20000



Staking

Smart Contract Audit Report

Prepared By: Sutee Sudprasert

Tokenine, Thailand
Jan 5th, 2024

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to: (i) cybersecurity vulnerabilities and issues in the smart contract source code analyzed, the details of which are set out in this report, (Source Code); and (ii) the Source Code compiling, deploying and performing the intended functions. In order to get a full view of our findings and the scope of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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Document Properties

Client	Dom Charoenyos
Title	Smart Contract Audit Report
Repository	https://github.com/jibchain-net/Staking
Commit	ef865704953e6d661ddd119e7d80be365f393ae6
Author	Sutee Sudprasert
Auditors	Sutee Sudprasert
Reviewed By	Thanarat Kuawattanaphan
Approved By	Thanarat Kuawattanaphan
Classification	Confidential

Introduction

We were contracted by Dom Charoenyos to conduct an audit of smart contracts. The report presents the findings of the security assessment of the smart contracts and its code review conducted at Jan 5th, 2024

Scope

The scope of the project is smart contracts in the repository:

<https://github.com/jibchain-net/Staking>

Executive Summary

Staking contract is a contract used to distribute reward tokens (ERC-20) to anyone who stakes some designated tokens (ERC-20) in only a specific period of time, and the amount of distributed tokens is limited. The proportion of distribution is calculated by the staking time and amount. The staking and reward tokens cannot be withdrawn by the contract's owner in any cases. The users can claim their rewards and withdraw the staking tokens at any time.

Our team performed static analysis, code functionality and manual audit. We didn't find any issues during the audit.

Severity Definitions

Severity Level	Description
Critical	Critical vulnerabilities are usually straightforward to exploit and can lead to asset loss or data manipulations.
High	High-level vulnerabilities have a significant impact on smart contract execution, e.g., public access to crucial functions.
Medium	Medium-level vulnerabilities are important to fix; however, they can't lead to asset loss or data manipulations.
Low	Low-level vulnerabilities are mostly related to outdated, unused, etc. code snippets that can't have a significant impact on execution.
Lowest / Coding Style / Best Practice	Lowest-level vulnerabilities, code style violations, and info statements can't affect smart contract execution and can be ignored.

Audit Overview

Critical

No critical issues were found.

High

No critical issues were found.

Medium

No critical issues were found.

Low

No low issues were found.

Lowest / Coding Style / Best Practice

No lowest issues were found.