



Smart contracts security assessment

Preview Report

SquidCat

July 2022



0xguard.com



hello@0xguard.com

Contents

1. Introduction	3
2. Procedure	4
3. Known vulnerabilities checked	5
4. Conclusion	7
5. Classification of issue severity	8
6. Disclaimer	9

Introduction

The report has been prepared for SquidCat

Network	Binance Smart Chain
Contract type	ERC-20
Address	0x14f2674a525d1686fe9c3ea716e42fe04e199d6f
Token name	SquidCat
Token symbol	SQUIDCAT
Total supply	10000000000
Decimals	18

Procedure

We perform our audit according to the following procedure:

Automated analysis

- Scanning the project's smart contracts with several publicly available automated Solidity analysis tools
- Manual verification (reject or confirm) all the issues found by the tools

Manual audit

- Manually analyze smart contracts for security vulnerabilities
- Smart contracts' logic check

Known vulnerabilities checked

Title	Check result
<u>Unencrypted Private Data On-Chain</u>	passed
<u>Code With No Effects</u>	
<u>Message call with hardcoded gas amount</u>	
<u>Typographical Error</u>	
<u>DoS With Block Gas Limit</u>	passed
<u>Presence of unused variables</u>	
<u>Incorrect Inheritance Order</u>	
<u>Requirement Violation</u>	
<u>Weak Sources of Randomness from Chain Attributes</u>	passed
<u>Shadowing State Variables</u>	
<u>Incorrect Constructor Name</u>	
<u>Block values as a proxy for time</u>	
<u>Authorization through tx.origin</u>	
<u>DoS with Failed Call</u>	
<u>Delegatecall to Untrusted Callee</u>	
<u>Use of Deprecated Solidity Functions</u>	
<u>Assert Violation</u>	
<u>State Variable Default Visibility</u>	
<u>Reentrancy</u>	
<u>Unprotected SELFDESTRUCT Instruction</u>	
<u>Unprotected Ether Withdrawal</u>	
<u>Unchecked Call Return Value</u>	

Floating Pragma



Outdated Compiler Version



Integer Overflow and Underflow



Function Default Visibility



🛡️ Conclusion

SquidCat was audited. 0 high, 0 medium, 0 low severity issues were found. Users should check if they interact with the same contracts as were audited.

To get your report, contact us at

t.me/guardchief or hello@0xguard.com

The audit is conducted by the 0xGuard team, a team with 5+ years of blockchain security experience. Request it now.

🕒 **Fast:** less than 24 hours

💰 **Affordable:** from \$900



🐦 twitter.com/0xguard

This is a preview of an audit report. Please contact us to get a full report in less than 24 hours!

Classification of issue severity

High severity

High severity issues can cause a significant or full loss of funds, change of contract ownership, major interference with contract logic. Such issues require immediate attention.

Medium severity

Medium severity issues do not pose an immediate risk, but can be detrimental to the client's reputation if exploited. Medium severity issues may lead to a contract failure and can be fixed by modifying the contract state or redeployment. Such issues require attention.

Low severity

Low severity issues do not cause significant destruction to the contract's functionality. Such issues are recommended to be taken into consideration.

Disclaimer

This report is subject to the terms and conditions (including without limitation, description of services, confidentiality, disclaimer and limitation of liability) set forth in the Services Agreement, or the scope of services, and terms and conditions provided to the Company in connection with the Agreement. This report provided in connection with the Services set forth in the Agreement shall be used by the Company only to the extent permitted under the terms and conditions set forth in the Agreement. This report may not be transmitted, disclosed, referred to or relied upon by any person for any purposes without 0xGuard prior written consent.

This report is not, nor should be considered, an “endorsement” or “disapproval” of any particular project or team. This report is not, nor should be considered, an indication of the economics or value of any “product” or “asset” created by any team or project that contracts 0xGuard to perform a security assessment. This report does not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technologies proprietors, business, business model or legal compliance.

This report should not be used in any way to make decisions around investment or involvement with any particular project. This report in no way provides investment advice, nor should be leveraged as investment advice of any sort. This report represents an extensive assessing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology.

