RUGDOG

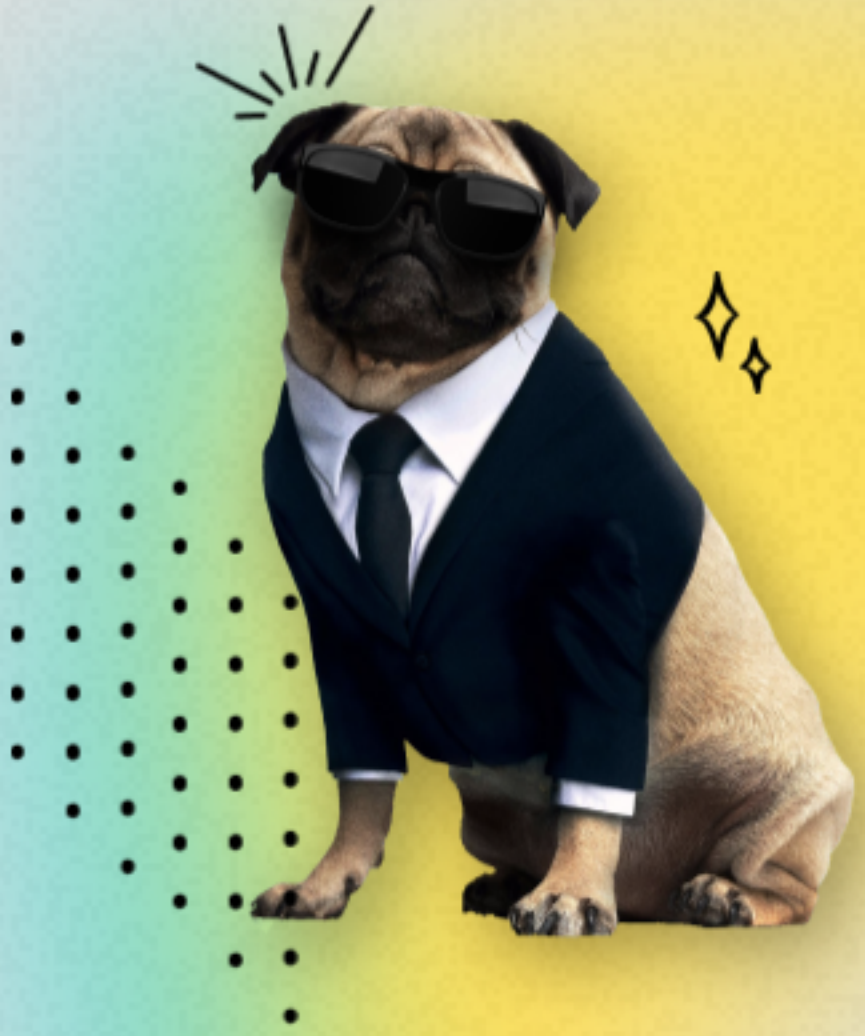
SMART CONTRACT SECURITY AUDIT

Final report

Plan: Simple

OmniaProtocol

December 2021



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INTRODUCTION

This report has been compiled by the RugDog auditing team for the OmniaProtocol project.

The reviewed project is an ERC20 token smart contract

Name	OmniaProtocol
Audit date	2021-11-25 - 2021-12-02
Language	Solidity
Network	Ethereum

CONTRACTS CHECKED

Name	Address
OMNIA.sol	379a1dbe745070cf4036782e3fe5873b4b8d2838

AUDIT PROCESS

The code was audited by the team according to the following order:

Automated analysis

- Scanning the project's smart contracts with several publicly available automated Solidity analysis tools
- Manual confirmation of all the issues found by the tools

Manual audit

- Thorough manual analysis of smart contracts for security vulnerabilities

- Smart contracts' logic check

ATTACKS CHECKED

Title	Check result
Unencrypted Private Data On-Chain	✓ passed
Code With No Effects	✓ passed
Message call with hardcoded gas amount	✓ passed
Typographical Error	✓ passed
DoS With Block Gas Limit	✓ passed
Presence of unused variables	✓ passed
Incorrect Inheritance Order	✓ passed
Requirement Violation	✓ passed
Weak Sources of Randomness from Chain Attributes	✓ passed
Shadowing State Variables	✓ passed
Incorrect Constructor Name	✓ passed
Block values as a proxy for time	✓ passed
Authorization through tx.origin	✓ passed

DoS with Failed Call	✓ passed
Delegatecall to Untrusted Callee	✓ passed
Use of Deprecated Solidity Functions	✓ passed
Assert Violation	✓ passed
State Variable Default Visibility	✓ passed
Reentrancy	✓ passed
Unprotected SELFDESTRUCT Instruction	✓ passed
Unprotected Ether Withdrawal	✓ passed
Unchecked Call Return Value	✓ passed
Floating Pragma	✓ passed
Outdated Compiler Version	✓ passed
Integer Overflow and Underflow	✓ passed
Function Default Visibility	✓ passed

CLASSIFICATION OF ISSUES

High severity	Issues leading to assets theft, locking or any other loss of assets or leading to contract malfunctioning.
Medium severity	Issues that can trigger a contract failure of malfunctioning.
Low severity	Issues that do now affect contract functionality. For example,

Low severity Issues that do not affect contract functionality, for example, unoptimized gas usage, outdated or unused code, code style violations, etc.

ISSUES

High severity issues

No issues were found

Medium severity issues

No issues were found

Low severity issues

No issues were found

CONCLUSION

The project has been reviewed by the RugDog team.

No issues of high, medium, or low relevance have been found in the contracts.

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