Blue Floki Smart Contract Audit

November 3, 2021

Table of Contents

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Smart Contract – Audit Overview

Project Summary

Project Name	Blue Floki
Platform	Binance Smart Chain
Language	Solidity
Commits	0x7aD8383Ac98F20B23f133160D9634C22931dD24E

Audit Summary

Delivery Date	November 3, 2021
Method of Audit	Human and AI
Consultants Engaged	One
Timeline	November 2, 2021 – November 4, 2021

Vulnerability Summary

Vulnerability Level	Total	Resolved
Critical	0	✓
Major	0	✓
Medium	0	✓
Minor	1	X
Informational	1	X

Smart Contract - Contract Overview

All information is recorded as of 11/03/2021.

Contract Name	BLUEFLOKI
Contract Ticker	BLUEFLOKI
Contract Address	0x7aD8383Ac98F20B23f133160D9634C22931dD24E
Contract Creator	0xb1E856636284Fbbfc690605dBcff5D57662e6529
Decimals	9
Total Supply	1,000,000,000,000,000
Token Holders	1
Token Transfers	1
Complier Version	v0.6.12+commit.27d51765
Source Code	Solidity
Optimization Enabled	No with 200 runs
Other Settings	default evmVersion, None license

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Lines Affected	Results
Function Default Visibility	✓	✓		✓
Integer Overflow and Underflow	✓	✓		✓
Outdated Compiler Version	✓	✓		✓
Floating Pragma	✓	✓	L9	✗
Unchecked Call Return Value	✓	✓		✓
Unprotected Ether Withdrawal	✓	✓		✓
Unprotected SELFDESTRUCT Instruction	✓	✓		✓
Unencrypted Private Data On-Chain	✓	✓		✓

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Reentrancy	✓	✓		✓
State Variable Default Visibility	✓	✓	L728	✗
Uninitialized Storage Pointer	✓	✓		✓
Assert Violation	✓	✓		✓
Use of Deprecated Solidity Functions	✓	✓		✓
Delegatecall to Untrusted Callee	✓	✓		✓
DoS with Failed Call	✓	✓		✓
Code With No Effects	✓	✓		✓

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Transaction Order Dependence	✓	✓		✓
Authorization through tx.origin	✓	✓		✓
Block values as a proxy for time	✓	✓		✓
Signature Malleability	✓	✓		✓
Incorrect Constructor Name	✓	✓		✓
Shadowing State Variables	✓	✓		✓
Weak Sources of Randomness from Chain Attributes	✓	✓		✓

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Missing Protection against Signature Replay Attacks	✓	✓		✓
Lack of Proper Signature Verification	✓	✓		✓
Requirement Violation	✓	✓		✓
Write to Arbitrary Storage Location	✓	✓		✓
Incorrect Inheritance Order	✓	✓		✓
Insufficient Gas Griefing	✓	✓		✓
Arbitrary Jump with Function Type Variable	✓	✓		✓

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
DoS With Block Gas Limit	✓	✓		✓
Typographical Error	✓	✓		✓
Right-To-Left-Override control character	✓	✓		✓
Presence of unused variables	✓	✓		✓
Unexpected Ether balance	✓	✓		✓
Hash Collisions With Multiple Variable Length Arguments	✓	✓		✓
Message call with hardcoded gas amount	✓	✓		✓

Smart Contract - Code Analysis

Floating Pragma
Severity: Informational
Bluefloki.sol
Line: 9

The current pragma Solidity directive is ""^0.6.12"". It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

```
7  */
8
9  pragma solidity ^0.6.12;
10 // SPDX-License-Identifier: Unlicensed
11 interface IERC20 {
```

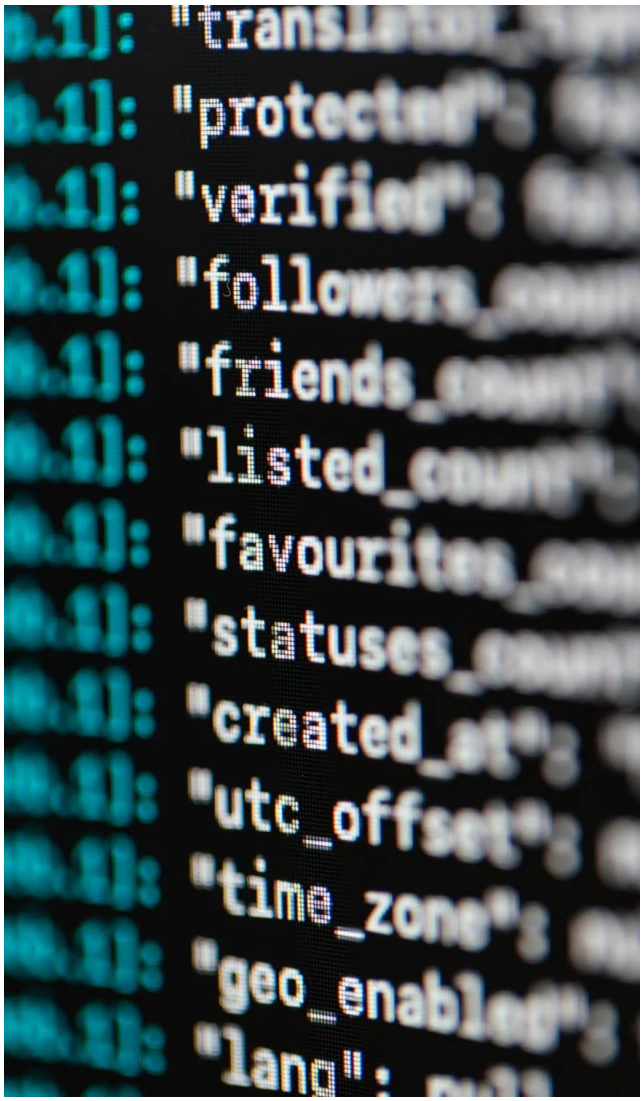
State variable visibility is not set.
Severity: Low
Bluefloki.sol
Line: 728

It is best practice to set the visibility of state variables explicitly. The default visibility for "inSwapAndLiquify" is internal. Other possible visibility settings are public and private.

```
726 address public immutable uniswapV2Pair;
727
728 bool inSwapAndLiquify;
729 bool public swapAndLiquifyEnabled = true;
```

Smart Contract –
Mint function

This contract cannot mint new BLUEFLOKI. We were unable to locate a mint function that is used to mint new Blue Floki tokens.



Smart Contract – Contract Ownership

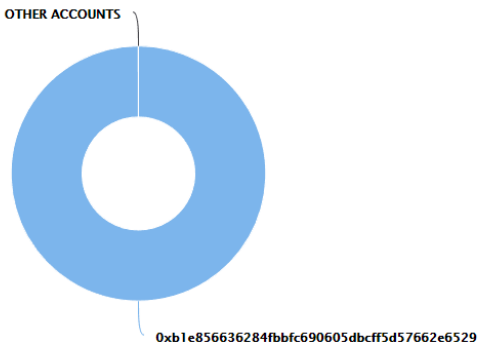
Contract ownership has not been renounced at the time of the audit. The owner's address is shown as: **0xb1e856636284fbbfc690605dbcff5d57662e6529**

Smart Contract - Tokenomics

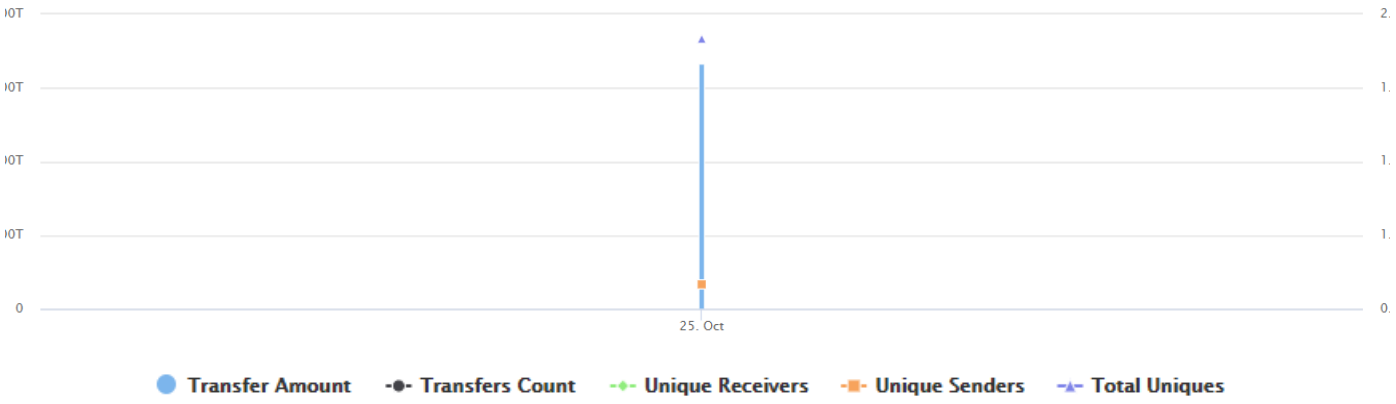
At the time of Audit the transaction fees (“tax”) listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated. Token taxes vary by each project.

Token Holders & Contract Analytics

Top 100 Token Holders



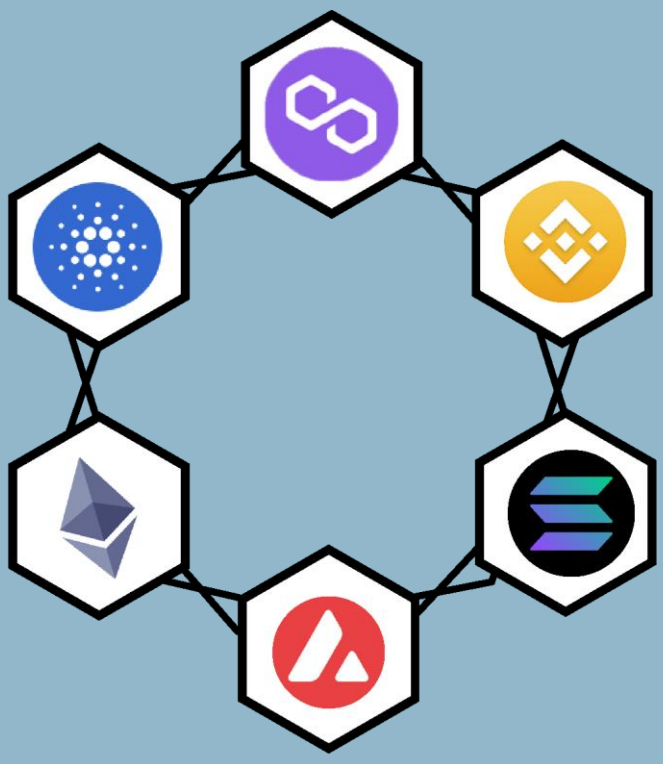
Token Contract Analytics



Team Overview

KYC NOT CERTIFIED

Audits.finance has not completed a KYC for the project. Audits.finance has not verified the identity of any team member(s) with government issued ID and photo evidence to match. This project is anonymous.



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