



BakeryTools Token - Audit Report

S U M M A R Y



BakeryTools intends to build a social media platform based on blockchain.

For this audit we reviewed the project's token contract, deployed at 0x26d6e280f9687c463420908740ae59f712419147 on the Binance Smart Chain mainnet.

Notes of the Token Contract:

- *The total supply of the token is 100 million.*
- *No minting functions are present. A burn function exists, allowing any user to burn their own tokens.*

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- *The only ownership-restriction function allows the team to transfer ERC20 tokens accidentally sent to the contract.*
- *The contract utilizes Solidity 0.8.4 which has built-in overflow checks, removing the need for SafeMath. SafeMath is used anyway, which uses some extra gas, but the cost of this is negligible.*

Audit Findings Summary

- *No issues from external attackers were identified.*
- *As with any presale, ensure trust in the team prior to investing.*
- *Date: April 27th, 2021.*

EXTERNAL THREAT RESULTS

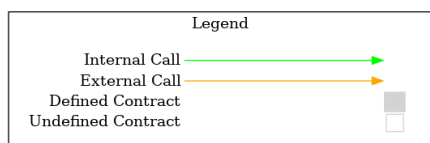
Vulnerability Category	Notes	Result
Arbitrary Storage Write	N/A	PASS
Arbitrary Jump	N/A	PASS
Delegate Call to Untrusted Contract	N/A	PASS
Dependence on Predictable Variables	N/A	PASS
Deprecated Opcodes	N/A	PASS
Ether Thief	N/A	PASS

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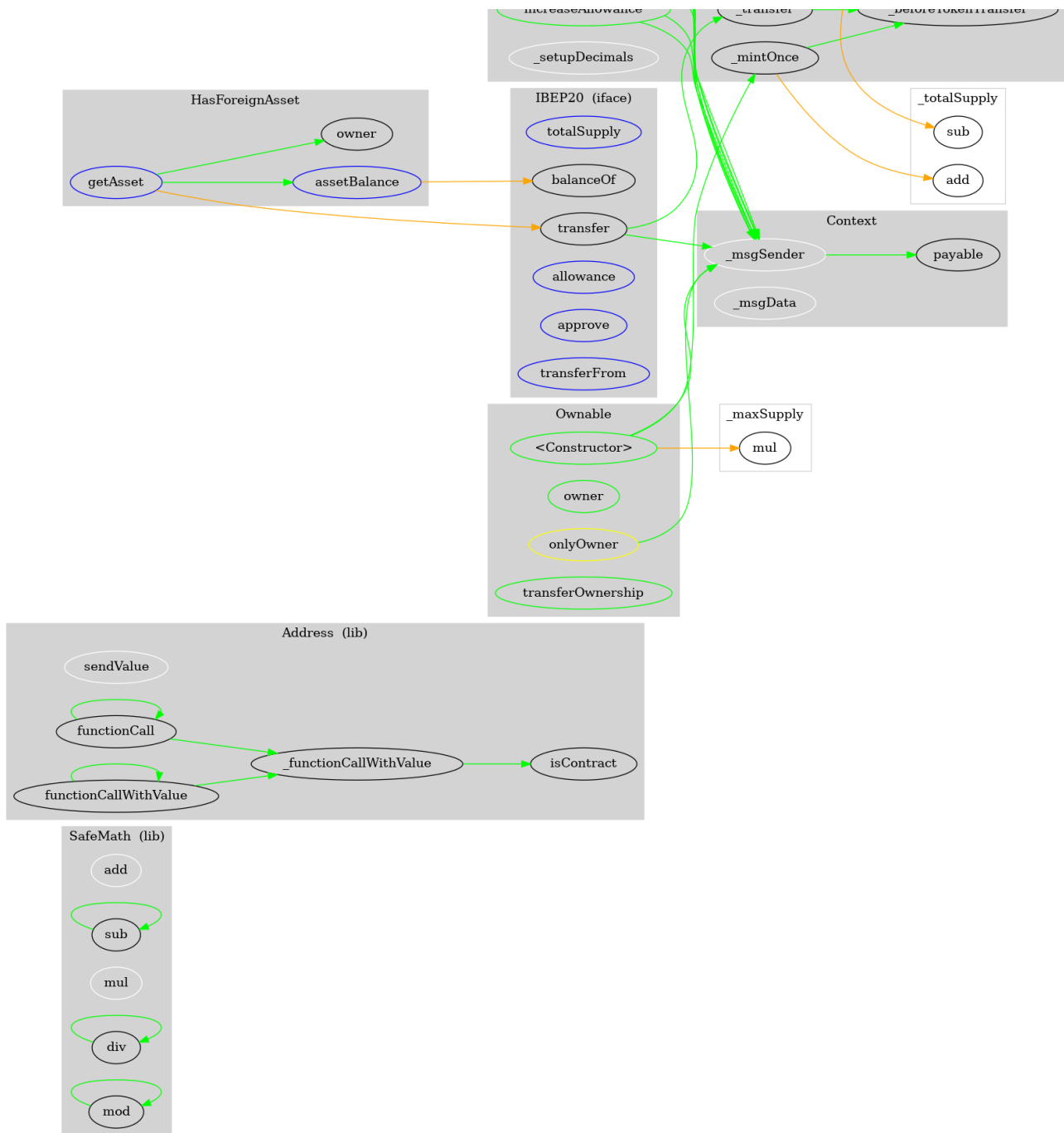
Vulnerability Category	Notes	Result
External Calls	N/A	PASS
Flash Loans	N/A	PASS
Integer Over/Underflow	N/A	PASS
Multiple Sends	N/A	PASS
Oracles	N/A	PASS
Suicide	N/A	PASS
State Change External Calls	N/A	PASS
Unchecked Retval	N/A	PASS

FUNCTION GRAPH



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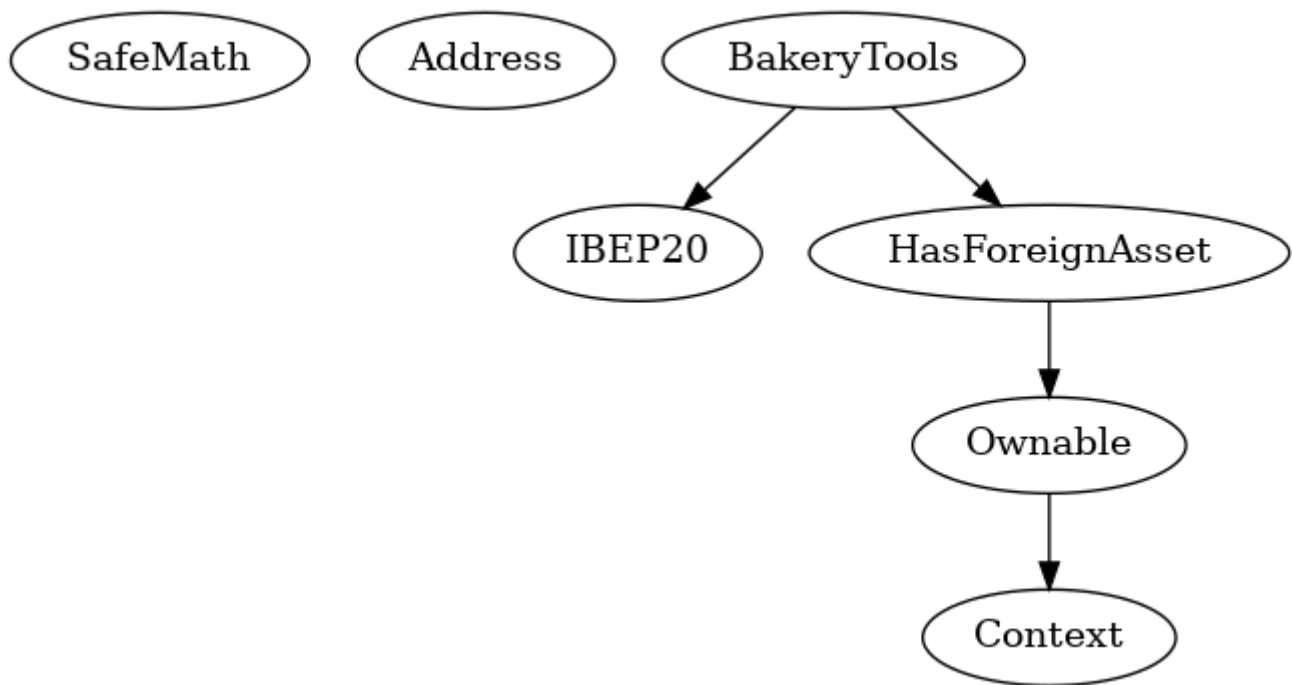
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INHERITENCE CHART

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FUNCTIONS OVERVIEW

`($\$$)` = payable function

`#` = non-constant function

`Int` = Internal

`Ext` = External

`Pub` = Public

+ [Lib] SafeMath

- [Int] add
- [Int] sub
- [Int] sub
- [Int] mul
- [Int] div
- [Int] div
- [Int] mod
- [Int] mod

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```

- [Int] sendValue #
- [Int] functionCall #
- [Int] functionCall #
- [Int] functionCallWithValue #
- [Int] functionCallWithValue #
- [Prv] _functionCallWithValue #

+ [Int] IBEP20
  - [Ext] totalSupply
  - [Ext] balanceOf
  - [Ext] transfer #
  - [Ext] allowance
  - [Ext] approve #
  - [Ext] transferFrom #

+ Context
  - [Int] _msgSender
  - [Int] _msgData

+ Ownable (Context)
  - [Pub] #
  - [Pub] owner
  - [Pub] transferOwnership #
    - modifiers: onlyOwner

+ HasForeignAsset (Ownable)
  - [Ext] assetBalance
  - [Ext] getAsset #
    - modifiers: onlyOwner

+ BakeryTools (IBEP20, HasForeignAsset)
  - [Pub] #

```

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- [Pub] totalSupply
- [Pub] balanceOf
- [Pub] transfer #
- [Pub] allowance
- [Pub] approve #
- [Pub] transferFrom #
- [Pub] increaseAllowance #
- [Pub] decreaseAllowance #

SOURCE CODE

[Click here to download the source code as a .sol file.](#)

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