



**DEFENCERT**  
BLOCKCHAIN SECURITY

**Tommy Cat**

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# Smart Contract Audit Report

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The audit report has made all reasonable attempts to provide clear and articulate recommendations to the Project team with respect to the rectification, amendment, and/or revision of any highlighted issues, vulnerabilities, or exploits within the contracts provided. It is the sole responsibility of the Project team to sufficiently test and performs checks, ensuring that the contracts are functioning as intended, specifically that the functions therein contained within said contracts have the desired intended effects, functionalities, and outcomes of the Project team.

# 1. Overview

This report has been prepared for Tommy Cat on the Binance Smart Chain network. Defencert provides a user-centered examination of the smart contracts to look for vulnerabilities, logic errors, or other issues from both an internal and external perspective.

## 1.1 Summary

<b>Project Name</b>	Tommy Cat
<b>URL</b>	<a href="https://tommycat.finance/">https://tommycat.finance/</a>
<b>Platform</b>	Binance Smart Chain
<b>Language</b>	Solidity

## Contracts Assessed

<b>Name</b>	<b>Contract</b>	<b>Live Code Match</b>
CoinToken	0x7a11328cc509bd6f4ea6c127eb6a66ec578c5ca4	Yes

## 1.2 Findings Summary

Severity	Found
High	0
Medium	0
Low	2
Informational	0
Total	2

Severity	Description
High	Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, or impairment of the contract and its functions. Issues under this classification are recommended to be fixed with utmost urgency.
Medium	Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Issues under this classification are recommended to be fixed as soon as possible.
Low	Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.
Informational	Consistency, syntax or style best practices. Generally, pose a negligible level of risk, if any.

## 1.3 CoinToken

ID	Severity	Summary
01	Low	A floating pragma is set.
02	Low	State variable visibility is not set.

## 2 Findings

### 2.1 CoinToken

Tommy cat (Tcat) is a BEP20 Token in Binance Smart Chain Mainnet. Token is implemented as BEP20 smart contract. This token has 5% transaction tax which include 1% development, 2% reflection and 2% liquidity fees.

#### 2.1.1 Token Overview

<b>Address</b>	0x7a11328cc509bd6f4ea6c127eb6a66ec578c5ca4
<b>Name</b>	Tommy cat
<b>Symbol</b>	Tcat
<b>Token Supply</b>	1,000,000,000,000,000
<b>Decimal</b>	9
<b>Transfer Max Size</b>	-
<b>Transfer Min Size</b>	-
<b>Wallet Max Size</b>	-
<b>Max Buy Limit</b>	-
<b>Max Sell Limit</b>	-
<b>Transfer Fees</b>	-
<b>Buy Fees</b>	5%
<b>Sell Fees</b>	5%

#### 2.1.2 Privileged Roles

The following functions can be called by the OWNER of the contract:

- a) Transfer and Renounce Ownership
- b) Lock Transfer
- c) Exclude and Include Reward
- d) Exclude and Include Fee
- e) Set Fees
- f) Set Dev Wallet Address
- g) Set Max Transaction

- h) Set Swap and Liquify Enabled
- i) Set Router Address
- j) Set Number of Token Sell To Add Liquidity

## 2.1.3 Issues & Recommendations

<b>Issue #01</b>	A floating pragma is set.
<b>Severity</b>	Low
<b>Line</b>	7
<b>Description</b>	The current pragma Solidity directive is <code>^0.8.4</code> . 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.

<b>Issue #02</b>	State variable visibility is not set
<b>Severity</b>	Low
<b>Line</b>	458
<b>Description</b>	It is best practice to set the visibility of state variables explicitly. The default visibility for <code>inSwapAndLiquify</code> is internal. Other possible visibility settings are public and private.

