TRYNOS AUDITS

Binance Smart Chain:
FesBNB

0x8371a55dbee669f16bd9e6137e2ce39ee87ae8e2

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Trynos

TrynosTokenTerminal

DISCLAIMER

Project Description

A rewards distributor contract. Using a slightly less optimized double contract format with IterableMapping, but to no significant extra cost. Coded with proper limits in place for most functions. Has taxes prepared for a staking contract, should one be attached. Overall well created and planned out for, with proper fallbacks should they be required.

Developer's Submitted Description

FesBNB is the Safest and Fairest platform for everyone. FES is stand for, "For Every Sun". Which means our main focus is to be fair token with a lot of utility in the near future. Our staking platform is live, and people who participated on Private sale and Whitelist sale will receive their tokens an hour before launch to give them enough time to stake their tokens. ETH, ADA, XRP, CAKE, and DOT. you'll get those 5 blue-chip coin as a reward in one staking pool.

Project Information

Name
FesBNB

Launch Type
Presale,
Pinksale Launchpad

Telegram
http://t.me/FesBNB

Website
http://fesbnb.io

Taxes
5% Rewards
2% Marketing
1% Auto-Liquidity
2% Development
7.5% Staking
2.5% Burn
0% Nft Staking

Token Distribution
5% Development
5% Marketing
60% Presale
30% Liquidity

Launch Date
Presale:
10/12/2021, 16:00 UTC (Private)
10/17/2021, 16:00 UTC (Pinksale)
PancakeSwap:
10/18/2021, 16:00 UTC (ETA)

Security Quick Report

Contract Analyzed [Solidity v. 0.8.8]
https://bscscan.com/address/0x8371a55dbee669f16bd9e6137e2ce39ee87ae8e2#code

HIGH – None
Medium – None
Low – 5 Risks
Minimal – 1 Risk

**Risk assessment is color-coded for convenience.
The risks are as follows, and their respective colors:**

HIGH – SEVERE risk. Could either honeypot, rug, somehow scam the user, or prevent the contract from functioning as intended.
Medium – Could allow the owner to stop trading while being able to trade himself, make the user lose money, or something similar.
Low – Risks that could allow the owner to somehow have an edge, allow users he choose to have an edge, or the ability to manipulate the contract, prices, or something similar.
Minimal - Risks that are not potentially investment-threatening, but needs be mentioned anyway.

Security and Code

Mutable Staking Receiver [Low Risk]

The staking tax receiver is able to be changed without limits. This can be set to any externally owned address and the tax thus claimed by the owner. Please inspect the address set to eliminate this risk.

Limitless Exclusions [Low Risk]

The owner is able to set any address to be excluded from fees or transaction limits at any time without limits.

Mutable Liquidity Receiver [Low Risk]

The owner is able to change the destination of new automatic liquidity. If set to an externally owned address, he could potentially unpair the liquidity and claim the tokens and BNB from said pairing. Please keep track if this function is used to eliminate this risk.

New LP Pairs [Low Risk]

The owner is able to set any address as a "automated market pair" at any time without limit. This would then exclude the address from dividends, and additionally any limits or checks.

Paused Trading [Low Risk]

Once liquidity is added, trading is not enabled until a function is called to enable it. Once enabled, it can never be disabled again. However, those who are set to be excluded from fees ignore this check entirely.

Security and Code

Changeable Router [Minimal Risk]

The router used to swap tokens for BNB can be changed at any time by the owner. This is not necessarily considered a risk, as while changing this to a bad router could stop all token to BNB swaps and thus distribution, this would stop ALL distribution of BNB of any kind, and would most likely prevent sell transactions for anyone, including the owner.

Redundant SafeMath [Note]

As of Solidity version 0.8.0, SafeMath is intrinsic to the language and is no longer required as a library. This is not a risk in any way, and if this does anything it all it only raises gas by an insignifcant amount.

NFT Stakng [Note]

There is code in place for a tax to be sent to NFT Staking. The NFT contract is not analyzed in this report.

Features

Maximum Wallet

There is a maximum wallet amount of 1%. This cannot be changed, but can be entirely removed. Once removed, it can never be enabled again.

"Sell Penalty"

While this penalty is on, taxes are increased by 50%. This setting can be changed without limits anywhere from 0% to a maximum of 50% extra fees.

Staking Tax [Note]

There is a staking fee in place. This sends BNB to a staking contract. The function itself just sends it to an address, so the owner would have to set the correct destination.

Staking Contract Analysis

Contract Analyzed [Solidity v. 0.8.8]
https://bscscan.com/address/0x8371a55dbee669f16bd9e613 7e2ce39ee87ae8e2#code

HIGH – None
Medium – None
Low – None
Minimal – None

No issues or risks were found in the staking contract. The contract is very similar to Tiki forks using a dividend tracker, and functions in much the same way. Funds are sent to it from the main token contract, and distributed based on staking.

Closing Notes

Nothing in this contract is overtly malicious or purposely coded to put users at risk in any way. Most of the risks are average ones that can be found in most contracts. However, they must be listed nonetheless due to the nature of the audit. Please do your own research and ensure you have trust in the project and its team before investing.

Always make sure to always inspect all values and variables.

This includes, but is not limited to:

• Ownership

• Proper Ownership Renouncement (if any)

• Taxes

• Transaction/Wallet Limits

• Token Distributions

• Timelocks

• Liqudity Locks

• Any other owner-adjustable settings or variables.

Final Disclaimer

I am solely a smart contract writer/auditor. I do not promote, own, or lead projects unless specifically and explicitly stated. I am not a good trader, I know nothing of Technical Analysis, and for the most part I do not trade. Despite my best efforts, I can never guarantee full safety, though I do my best to check for and announce all risks. There are many tricks and variations that unscrupulous people can enact even with safe contracts. Please always do your research.

I am only human, and I make mistakes as well.

Nothing written in this report is financial advice. Please make sure you are interacting with the correct socials below when contacting me, to avoid scamming impersonators.

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