TRYNOS AUDITS

Binance Smart Chain:
BabyZap

[0xE44a3670D9691C8F7caF197123fEF5095cF956Eb](#)

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Trynos

TrynosTokenTerminal

DISCLAIMER

Project Description

A rebase-type token of which the format has been making it's rounds as of late. The total supply and the tokens per owner is adjusted as fragments of the total supply, modified on the fly as the math modifies the internal total supply values. This is a concept similar to how RFI works but executed differently and with significantly less math. Additionally, on sells, 12% of the tokens being sent to the LP are instead "burned", in the sense that they are subtracted from the LP's holdings, though a burn transfer never happens. This mitigates the price drops slightly, but sells will still drop the price, obviously.

Developer Description

The BabyZap Protocol is based on a token with passive yield mechanics that do not stem from transfer taxes. Instead, the passive yields come from supply expansion from new buy orders (which represent organic demand for the token). As a BabyZap holder, you passively earn more tokens for every new buy order placed for $BZAP. Your rewards are instantly "zapped" into your wallet after each new buy. There is never any tax when buying or transferring between wallets.

Project Information

Name
BabyZap

Launch Type
Presale,
DXSale Launchpad

Telegram
https://t.me/BabyZap

Website
https://babyzap.finance

Taxes
None.

Token Distribution
10% Marketing

6% Team

1% Community Contests

1% Community Mods

82% Dxsale + PCS Liquidity

Launch Date

Presale:
09/30/2021, 5pm UTC (ETA)
PancakeSwap:
09/30/2021, 7pm UTC (ETA)

Security Quick Report

Contract Analyzed:

https://bscscan.com/address/0xE44a3670D9691C8F7caF197123fEF5095cF956Eb#code

HIGH – **None**
Medium – **None**
Low – **1 Risk**
Minimal – **2 Risks**

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 – Fairly important risk, 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

"Presale Setting" [Low Risk]

A function exists to label addresses as "presale", most likely for allowing the presale platform to easily transfer tokens. However, anyone can be set to be excluded from Max TX and Max Wallet checks, along with exclusion from rebase conditions, by the owner at any time with no limit.

This also exempts anyone set as this from the live trading condition, allowing them to purchase tokens before the owner enables trading, thus bypasses the blacklist.

Trade Time Limit [Minimal Risk]

The owner can set a time limit between trades. At time of writing, it is set to 5 minutes. The function to set the time is limited to max out at 5 minutes, as well.

Rebase Conditions [Minimal Risk]

The owner can adjust all rebase conditions at any time without limit. Setting these to 100 could potentially make trading malfunction, except for those excluded from such checks.

Singular Liquidity [Note]

There is only space for one liquidity pair variable. As such, if liquidity on any other platform past the first on PancakeSwap is added, no checks that check for buys or sells for this liquidity will function correctly. Additionally, all rebase checks will only function towards the PancakeSwap liquidity pair.

Features

Presale Exclusion

There is a method in place to label addresses as "presale." Assumedly this is for whitelisting for Dxsale, but this has the added effect of bypassing any transfer checks or rebase checks.

"Trading Enabled" Anti-Snipe

Trading does not start live, and anyone who purchases tokens before trading is "enabled" will receive 0 tokens, and only raise the price of the token in question by donating BNB. They will additionally be blacklisted, until the owner opens trading. Once the owner opens trading, it can never be "closed" using the function ever again.
The blacklist cannot be added to manually, only those who buy before trading is "enabled" will be added to it.

Rebase

For buys, the total supply increases as a percent of the transaction. Furthermore, everyone's balances are also updated by how many tokens they hold versus the total supply. For sells, the total supply decreases but the LP pair also loses a percent of tokens from its holdings, and as that is necessary to calculate the price, the price rises. However, as it is a percent it is not a pure increase, and due to a sell the value still does drop.

__NOTE__: Rebase code was analyzed for functionality, not for the economic effects of said rebase. Please do your own research.

Features (cont.)

Trading Cooldown

There is cooldown between transactions. At time of writing, it is set to 5 minutes, but can be changed by the owner to any amount between 0 to 5 minutes. Note this is a global cooldown, so once you buy or sell, you cannot make any other trade for the duration of the cooldown.

Maximum Transaction/Wallet Limits

There are limits in place for the number of tokens transferred per transaction and the maximum amount you can hold. At time of writing TX limits were 1% and Wallet limits at 2%.

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 TA, 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, and inspect things like timelocks, liquidity locks, token distributions, and so forth.

    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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