



## Puppy Land

Smart Contract Security Audit

Date 05/May/2022

## Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cyber security vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below— please make sure to read it in full.

DISCLAIMER: By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice. No one shall have any right to rely on the report or its contents, and Ape Audits and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (ApeAudits) owe no duty of care towards you or any other person, nor does ApeAudits make any warranty or representation to any person on the accuracy or completeness of the report. The report is provided "as is", without any conditions, warranties or other terms of any kind except asset out in this disclaimer, and ApeAudits hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but it is prohibited by law, ApeAudits hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against ApeAudits, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, good will, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report.

The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

# Purpose

This document details ApeAudits findings and recommended solutions This audit was performed on May 05,2022.We audited and deployed contract. At the time of our audit, the contract's ownership had not been renounced.

|                            |   |
|----------------------------|---|
| <b>Website</b>             | www.puppyland.app   |
| <b>Name of the Project</b> | PUPPY LAND  |
| <b>ContractAddress</b>     | 0x7415bBcfA5461d963aa99d249Ead4f6C9a7cddd9  |
| <b>BSC Explorer</b>        | <a href="https://bscscan.com/address/0x7415bbcfa5461d963aa99d249ead4f6c9a7cddd9#code">https://bscscan.com/address/0x7415bbcfa5461d963aa99d249ead4f6c9a7cddd9#code</a> |

## Findings

| NO. | Audit Items                          | Audit Subclass   | Audit SubclassResult   |
|-----|--------------------------------------|--|--|
| 1   | OverflowAudit                        | N/A  | Passed   |
| 2   | Race Conditions Audit                | N/A  | Passed   |
| 3   | Authority Control Audit              | Permission Vulnerability Audit<br>Excessive Auditing Authority   | Passed<br>Passed   |
| 4   | Safe Design Audit                    | Zeppelin Module Safe<br>Compiler Version<br>Hard-coded Version<br>Fallback Function Safe use<br>Show Coding Security<br>Function Return Value Security<br>Call Function Security | Passed<br>Passed<br>Passed<br>Passed<br>Passed<br>Passed<br>Passed |
| 5   | Denial of Service Audit              | N/A  | Passed   |
| 6   | Gas Optimization Audit               | N/A  | Passed   |
| 7   | Design Logic Audit                   | N/A  | Passed   |
| 8   | Malicious Event Log Audit            | N/A  | Passed   |
| 9   | "False Deposit" Vulnerability Audit  | N/A  | Passed   |
| 10  | Uninitialized Storage Pointers Audit | N/A  | Passed   |
| 11  | Arithmetic Accuracy Deviation Audit  | N/A  | Passed   |

## High Severity Issues

- The system used is called ROI and must be considered HIGH-RISK  
Users' principal deposits cannot be withdrawn, users can get dividends and referral commission.  
Dividends are paid from deposits of other users. Do always invest with proper knowledge and investigation

## Medium Severity Issues

- None.

## Low Severity Issues

- None.

### **Independent description of the smart-contract functionality:**

The PUPPY LAND smart contract provides the opportunity to invest any amount in BNB in the contract and get daily profit on investment if the contract balance has enough funds for payment. All dividends are calculated at the moment of request and available for withdrawal anytime

### **Contract Owner's Fee**

Deposit (BuyDogs) Fee: 2%

Withdraw (Sell-Puppies) Fee: 2%

### **Investment Plan**

The basic interest rate approximately will be 13.2%

The daily rate will be changed based on the deposit and withdrawal of the other users.

### **Referral System (Match Bonus)**

The contract pays a 15% referral commission over one level.

The commission is 15% of the referral deposit or BREED-DOG

The commission will be paid as puppy that users can withdraw or compound it

Users can not use their wallet as a referral for themselves

If a user has not had a valid referrer, the owner will be set as the referrer

### Deposit (Buy Dogs or Buy Miner)

Users can buy miners by BNB token. Miner price will be calculated at the time of deposit.

Miner Price Formula:  $\text{Deposit amount} / (\text{Deposit amount} + \text{Contract Balance}) * \text{Puppies}$

Miners will produce Puppies and users can sell wine to earn a profit.

Miners will work forever and users can withdraw profit until the contract has enough balance.

### Puppies

It is an amount that will be defined in the initial of the contract and will be changed by deposit, withdrawal and compound.

The initial amount is: 86400000000

20% of each deposit or compound will be added to "Puppies"

The withdrawal amount will be added to "Puppies"

An increase in the "Sell-Puppies" will reduce the daily rate and increase sustainability

### Withdraw (Sell-Puppies)

Users can sell puppies produced by the miners.

Withdraw amount (BNB) Formula:  $\text{user Dogs} / (\text{user Dogs} + \text{Puppies}) * \text{Contract Balance}$

**userpuppies :** each miner will produce one puppy each second

Miners produce puppies maximum of 10 days. Users should try to withdraw or compound their produced puppies.

After withdrawal or compound, miners will start working again.

Users can withdraw or compound many times without any limit

### Compound (Breed-Dogs)

Users can compound their available Puppies and buy more miners.

Miner price will be calculated based on the mentioned formula in the deposit section and real-time numbers of Puppies and contract balance

### Conclusion

**The PUPPYLAND Smart-Contract found no vulnerabilities, no backdoors, and no scam scripts.**

**The code was tested with compatible compilers and simulated manually reviewed for all commonly known and specific vulnerabilities.**

**So, PUPPYLAND Smart-Contract is safe for use in the Binance Smart Chain main network.**

Ape Audits note:

Please check the disclaimer above and note, the audit is provided 'as-is' and makes no statements or warranties whatsoever. The report is provided only for the contract(s) mentioned in the report.