Valid Proof

Bring trust into your projects

Blockchain Security | Smart Contract Audits | KYC
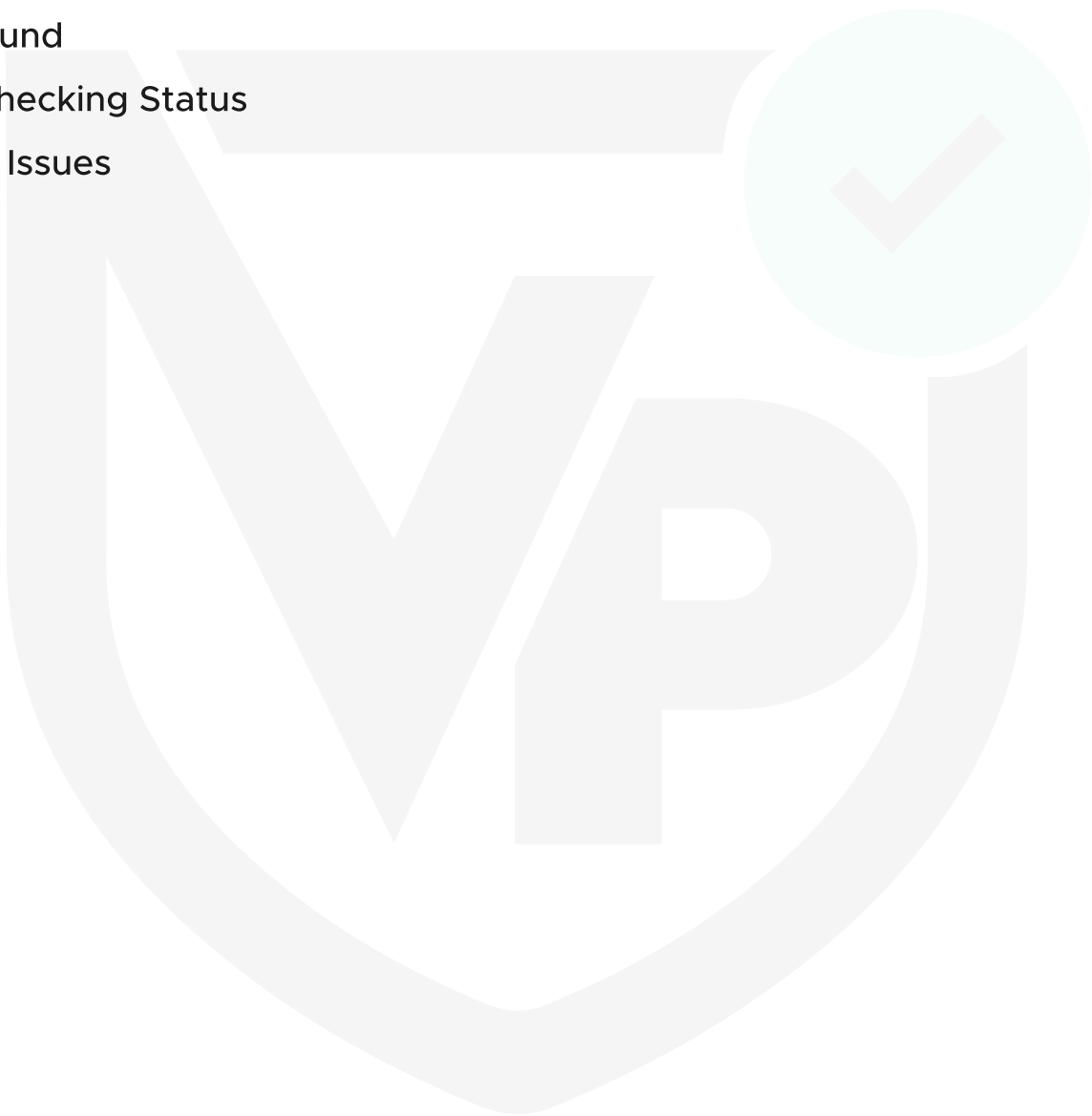
Audit

Security Assessment

December 2021

For

Disclaimer

Valid Proof reports are not, nor should be considered, an "endorsement" or "disapproval" of any particular project or team. These reports are not, nor should be considered, an indication of the economics or value of any "product" or "asset" created by any team. Valid Proof do not cover testing or auditing the integration with external contract or services (such as Unicrypt, Uniswap, PancakeSwap etc'...)

Valid Proof Audits do not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technology proprietors.Valid Proof Audits should not be used in any way to make decisions around investment or involvement with any particular project. These reports in no way provide investment advice, nor should be leveraged as investment advice of any sort.

Valid Proof Reports represent an extensive auditing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology. Blockchain technology and cryptographic assets present a high level of ongoing risk.Valid Proof's position is that each company and individual are responsible for their own due diligence and continuous security. Valid Proof in no way claims any guarantee of security or functionality of the technology we agree to analyze.

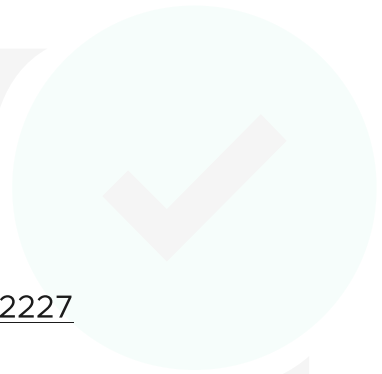| Version	Date	Description
1.0	December 2021	• Layout project • Automated- /Manual-Security • Testing • Summary

Network

Binance Smart Chain (BEP20)

Website

https://dogebros.games/

Telegram

https://t.me/Super_Doge_Bros

Twitter

https://twitter.com/Super_Doge_Bros

Facebook

https://www.facebook.com/Super-Doge-Bros-107679595082227

Description

A New Take on an Oldie but Goodie

We've recreated an old classic for the modern era with over 20 unique fast paced levels with the degrees of difficulty increasing as the player progresses concluding in several big bosses.

Play as the Doge in the crazy mushroom kingdom and utilize official Super Doge Bros Doge NFTs as playable characters all while earning $DOGEBROS tokens!

Our game is fully available for play today. P2E features coming in December.

Project Engagement

During the 10th of December 2021,Super Doge Bros engaged Valid Proof to audit smart contracts that they created. The engagement was technical in nature and focused on identifying security flaws in the design and implementation of the contracts. They provided Valid Proof with access to their code repository and whitepaper.

Logo

Contract Link

v1.0

Contract: https://bscscan.com/address/0x243f75dcf38f914750fa7bef6aa9bf9e5c22a6f7

Background

Valid Proof was commissioned by Council of Apes to perform an audit of smart contracts:

https://bscscan.com/address/0x243f75dcf38f914750fa7bef6aa9bf9e5c22a6f7

The purpose of the audit was to achieve the following:

● Ensure that the smart contract functions as intended.

● Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

Issues Checking Status

Issue description	Checking status
1. Compiler errors.	PASSED
2. Race conditions and Reentrancy. Cross-function race Passed conditions.	PASSED
3. Possible delays in data delivery.	PASSED
4. Oracle calls.	PASSED
5. Front running.	PASSED
6. Timestamp dependence.	PASSED
7. Integer Overflow and Underflow.	PASSED
8. DoS with Revert.	PASSED
9. DoS with block gas limit.	PASSED
10. Methods execution permissions.	PASSED
11. Economy model of the contract.	PASSED
12. The impact of the exchange rate on the logic.	PASSED
13. Private user data leaks.	PASSED
14. Malicious Event log.	PASSED
15. Scoping and Declarations.	PASSED
16. Uninitialized storage pointers.	PASSED
17. Arithmetic accuracy.	PASSED
18. Design Logic.	PASSED
19. Cross-function race conditions	PASSED
20. Safe Open Zeppelin contracts implementation and Passed usage.	PASSED
21. Fallback function security.	PASSED

Audit Results

AUDIT PASSED ✓

Security Issues

✓ **High Severity Issues**

No high severity issues found.

✓ **Medium Severity Issues**

No medium severity issues found.

✓ **Low Severity Issues**

There are one low severity issues.

8. setBlackList

adr (address)

    adr (address)

blacklisted (bool)

    blacklisted (bool)

Write

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