

PEX Audit

Spot Play Arena Games



June 24, 2023

Audit Details

Spot Play Arena Games

Auditor's - PapaExchange 

Website - www.spotplayarenagames.com



Blockchain - Binance Smart Chain 

Disclaimer

PapaExchange LLP will be referred to as PEX per this report

- **PEX** audits and reports should not be considered as a form of project's "advertisement" and does not cover any interaction and assessment from "project's contract" to "external contracts" such as Pancakeswap or similar.
- **PEX** does not provide any warranty on its released reports. We should not be used as a decision to invest into an audited project please do your own research. **PEX** provides transparent reports to all its "clients" and to its "clients participants" and will not claim any guarantee of bug-free code within its Smart Contract.
- Each company or project shall be liable for its own security flaws and functionalities. **PEX** presence is to analyze, audit and assess the client's smart contract's code.

Scope of Work

- The main focus of this report/audit, is to document an accurate assessment of the condition of the smart contract and whether it has any security flaws in the implementation of the contract.
SPAG team agreed and provided us with the files that needed to be tested (Through Github, BscScan, files, etc.). **PEX** will be focusing on contract issues and functionalities along with the projects claims from smart contract to their website, whitepaper and repository where available, which has been provided by the project.
Code is reviewed manually and with the use of software using industry best practices.



Background

- **PEX** was commissioned by **SPAG** to perform an audit of smart contract:

- Contract Address
0x8fA4DA191A1cF21D9d8DAAc7b5051b52D53fE2Cb

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.

Spot Play Arena Games

Spot Play Arena Games is the official Play to Earn gaming trivia platform providing daily/weekly gaming events where you can earn income.

Social Media

Telegram - <https://t.me/spotplayarena>

Twitter - <https://twitter.com/spotplayarena>



Contract Details

Project Name - Spot Play Arena Games

Token Description - Play to Earn

Contract Address

Compiler Version - v0.8.17

0x8fA4DA191A1cF21D9d8DAAc7b5051b52D53fE2Cb

Current Holders - 1

Contract Deployer Address

Current Transaction Count - 1

0x625810528ca09AFcd2EC9dc18364d145D9B33cF

Total Supply - 618,000,000 Tokens

Contract Owner Address

Token Ticker - SPAG

0x625810528ca09AFcd2EC9dc18364d145D9B33cF

Decimals - 18

KYCd by - N/A

Top 100 Holder % - Owner holds 100% of Tokens

Launch Type - N/A

LP Lock - No LP Lock at this time

SPAG LP Token Holders

There are no LP holders for Spot Play Arena Games at this time



Top 100 Holders

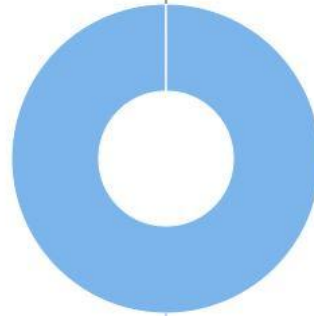
The top 100 holders collectively own 100.00% (618,000,000.00 Tokens) of SpotPlayArena Games

Token Total Supply: 618,000,000.00 Token | Total Token Holders: 1

SpotPlayArena Games Top 100 Token Holders

Source: BscScan.com

OTHER ACCOUNTS



0x6258105280ca09afcd2ec9dc18364d145d9b33cf

A TOTAL OF 618 MILLION TOKENS ARE HELD BY THE OWNER

Owner Privileges/Fees

Privileges

Ownership **HAS NOT BEEN** renounced. The owner has privileges or authority to make any changes. Owner entitled to **change Buy/Sell fees, and can exclude wallets from fees.**

Fees

Buy - 0% Sell - 0%

Owner must keep fees at 5% or lower. This is **BELOW** our recommended max percentage of 25%.

Adjustable Functions

(After Contract Deployment)

1. Approve
2. Burn
3. Change Marketing Wallet
4. Claim Stuck Tokens
5. Decrease Allowance
6. Enable Trading
7. Exclude From Fees
8. Increase Allowance

9. Renounce Ownership
10. Set Swap Enabled
11. Set Swap Tokens At Amount
12. Transfer
13. Transfer From
14. Transfer Ownership
15. Update Buy Fees
16. Update Sell Fees
17. Update Wallet to Wallet Transfer Fee

Weakness/Vulnerabilities

MythX passing

SWC-100 → Function Default Visibility = PASSED

SWC-101 → Integer Overflow and Underflow = PASSED

SWC-102 → Outdated Compiler Version = PASSED

SWC-103 → Floating Pragma = PASSED

SWC-104 → Unlocked Call Return Value = PASSED

Low issue = Low-level weakness/vulnerabilities are mostly related to outdated, unused etc. code snippets, that can't have significant impact on execution.

SOLHINT LINTER, Solidity Static Analysis using REMIX IDE **did not find** any serious issues.

Weakness/Vulnerabilities

SCAN RESULTS

SWC-105 → Unprotected Ether Withdrawal = PASSED

SWC-106 → Unprotected SELF DESTRUCT Instruction = PASSED

SWC-107 → Reentrancy = PASSED

SWC-108 → State Variable Default Visibility = PASSED

SWC-109 → Uninitialized Storage Pointer = PASSED

SWC-110 → Assert Violation = PASSED

SWC-111 → Use of Deprecated Solidity Functions = PASSED

SWC-112 → Delegatecall to Untrusted Callee = PASSED

Weakness/Vulnerabilities

SCAN RESULTS

SWC-127 → Arbitrary Jump with Function Type Variable = **PASSED**

SWC-128 → DoS with Block Gas Limit = **PASSED**

SWC-113 → DoS with Failed Call = **PASSED**

SWC-114 → Transaction Order Dependence = **PASSED**

SWC-115 → Authorization Through Tx. Origin = **PASSED**

SWC-116 → Block Values as a Value for Time = **PASSED**

SWC-117 → Signature Malleability = **PASSED**

SWC-118 → Incorrect Constructor Name = **PASSED**

Weakness/Vulnerabilities

SCAN RESULTS

SWC-119 —> Shadowing State Variables = **PASSED**

SWC-120 —> Weak Source of Randomness From Chain Attributes = **PASSED**

SWC-121 —> Missing Protection Against Signature Replay Attacks = **PASSED**

SWC-122 —> Lack of Proper Signature Verification = **PASSED**

SWC-123 —> Requirement Violation = **PASSED**

SWC-124 —> Write to Arbitrary Storage Location = **PASSED**

SWC-125 —> Incorrect Inheritance Order = **PASSED**

SWC-126 —> Insufficient Gas Griefing = **PASSED**

Weakness/Vulnerabilities

SCAN RESULTS

SWC-129 —> Typographical Error = **PASSED**

SWC-130 —> Right-to-Left Override Control Character = **PASSED**

SWC-131 —> Presence of Unused Variables = **PASSED**

SWC-132 —> Unexpected Ether Balance = **PASSED**

SWC-133 —> Hash Collisions with Multiple Variable Length Arguments = **PASSED**

SWC-134 —> Message Call with Hardcoded Gas Amount = **PASSED**

SWC-135 —> Code with no effects = **PASSED**

SWC-136 —> Unencrypted Private Data On-Chain = **PASSED**

Overall Assessment

Satisfactory

Spot Play Arena Games has successfully passed the Pex Audit

Closing Notes

Whilst there are limitless ownable callable functions that have the potential to be dangerous, they are not overtly so. Trust in the team would mitigate many of these risks. Please make sure you do your own research. If in doubt please contact the project team.

Always make sure to 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 • Liquidity Locks • Any other owner-adjustable settings or variables.