freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Play Music

$PlayMusic

22/07/2022

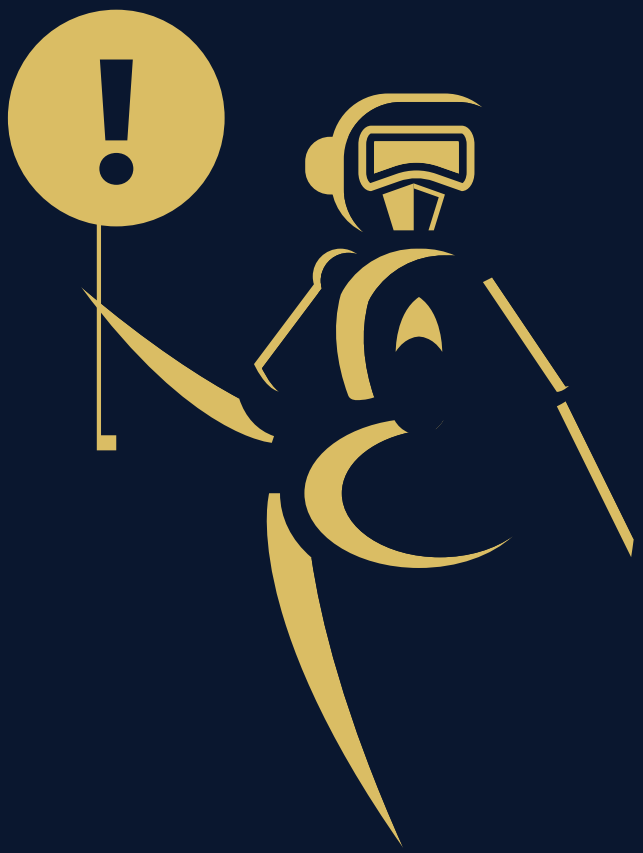
TABLE OF CONTENTS

DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website https://freshcoins.io
FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy (RUG or Honeypot etc)



INTRODUCTION

FreshCoins (Consultant) was contracted by Play Music (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0xfA38F858fE2902760E8abE13cbE8C699b2406E8E

Network: Binance Smart Chain (BSC)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 22/07/2022

AUDIT OVERVIEW

97

Security Score

97

Static Scan
Automatic scanning for common vulnerabilities

98

ERC Scan
Automatic checks for ERC's conformance

0 High

0 Medium

0 Low

0 Optimizations

0 Informational

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES

Contract owner can't mint tokens after initial contract deploy

Contract owner can't exclude an address from transactions

Contract owner can change swap status

```
function setSwapAndLiquifyEnabled(bool _enabled) external onlyOwner {
    swapAndLiquifyEnabled = _enabled;
    emit SwapAndLiquifyEnabledUpdated(_enabled);
}
```

Contract owner can exclude/include wallet from tax

```
function excludeFromFee(address account) external onlyOwner {
    _isExcludedFromFee[account] = true;
    emit AuditLog(
      "We have excluded the following walled in fees:",
      account
    );
}

function includeInFee(address account) external onlyOwner {
    _isExcludedFromFee[account] = false;
    emit AuditLog("We have include the following walled in fees:", account);
}
```

Contract owner can withdraw tokens from Smart Contract

```
function withdraw() public payable onlyOwner {
    require(payable(msg.sender).send(address(this).balance));
    emit AuditLog("We have withdraw eth from contract.", msg.sender);
}

// Withdraw ETH that's potentially stuck in the Contract
function recoverETHfromContract() public virtual onlyOwner {
    payable(marketingWalletAddress).transfer(address(this).balance);
    emit AuditLog(
      "We have recover the stock eth from contract.",
      marketingWalletAddress
    );
}

// Withdraw ERC20 tokens that are potentially stuck in Contract
function recoverTokensFromContract(address _tokenAddress, uint256 _amount) external onlyOwner {
    IERC20(_tokenAddress).transfer(marketingWalletAddress, _amount);
    emit Log("We have recovered tokens from contract:", _amount);
}
```

Contract owner can change marketingWalletAddress and teamWalletAddress addresses

Current values:

marketingWalletAddress : 0x080f5e7eae16c267eb4f9ca8750288dcee2f29d5

teamWalletAddress : 0x05642129d0b3ba176eabedb68f61a264f577bea2

```
function setMarketingWalletAddress(address _marketingWallet)
      external
      onlyOwner
   {
      require(
        _marketingWallet != address(0),
        "setMarketingWalletAddress: ZERO"
      );
      marketingWalletAddress = payable(_marketingWallet);
      emit AuditLog(
        "We have Updated the MarketingWallet:",
        marketingWalletAddress
      );
}

function setteamWalletAddress(address _teamWallet) external onlyOwner {
      require(_teamWallet != address(0), "setteamWalletAddress: ZERO");
      teamWalletAddress = payable(_teamWallet);
      emit AuditLog("We have Updated the teamWallet:", teamWalletAddress);
}
```

Contract owner can change fees to 0% and restore to 5%

```
function zeroTaxDay() external onlyOwner {
      require(totalSwapableFee != 0, "Taxes are already set to zero.");
      _liquidityFee = 0;
      _marketingFee = 0;
      _teamFee = 0;
      totalSwapableFee = 0;
           emit AuditLog(
        "We have implemented a zero tax day",
        msg.sender);
}

function restoreTaxDay() external onlyOwner  {
      require(totalSwapableFee == 0, "Taxes are already set and cannot be restored.");
      _liquidityFee = 1;
      _marketingFee = 2;
      _teamFee = 2;
      totalSwapableFee = _liquidityFee + _marketingFee + _teamFee;
           emit AuditLog(
        "We have restored traditional taxes",
        msg.sender);
}
```

Contract owner can renounce ownership

```
function renounceOwnership() external virtual onlyOwner {
    _transferOwnership(address(0));
}
```

Contract owner can transfer ownership

```
function transferOwnership(address newOwner) external virtual onlyOwner {
    require(
      newOwner != address(0),
      "Ownable: new owner is the zero address"
    );
    _transferOwnership(newOwner);
}
```

CONCLUSION AND ANALYSIS

Smart Contracts within the scope were manually reviewed and analyzed with static tools.

Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

Found no issue during the first review.

TOKEN DETAILS

Details

Buy fees:	5%
Sell fees:	5%
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

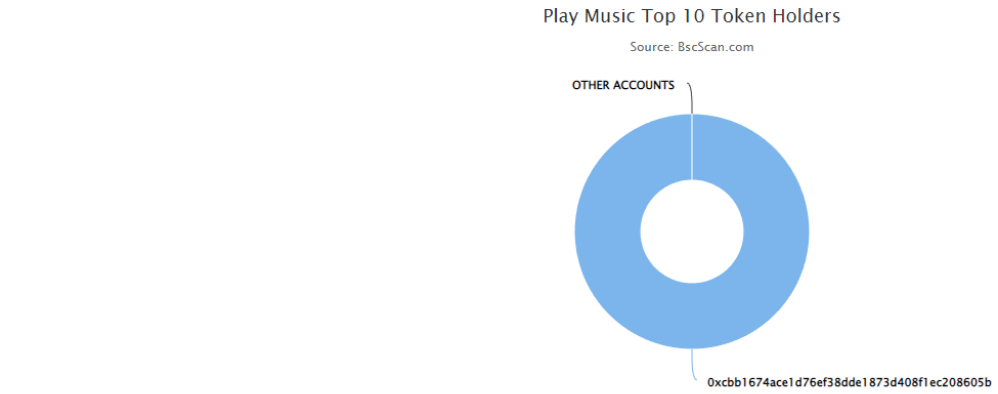
Rug Pull Risk

Liquidity:	N/A
Holders:	Clean

PLAY MUSIC TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (100,000,000.00 Tokens) of Play Music

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 1



(A total of 100,000,000.00 tokens held by the top 10 accounts from the total supply of 100,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0xcbb1674ace1d76ef38dde1873d408f1ec208605b	100,000,000	100.0000%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.