freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Smart Music

$MUSIC

18/05/2022

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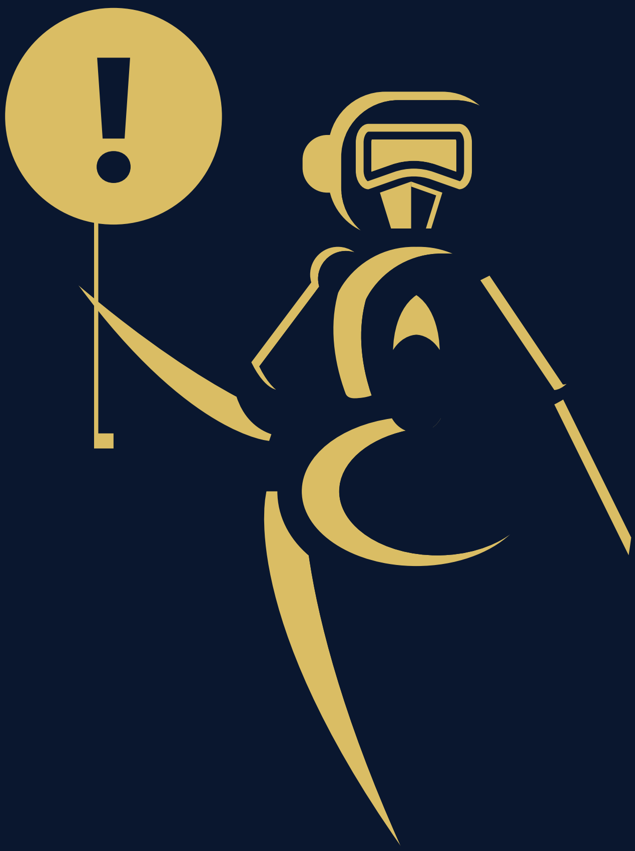
DISCLAIMER

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
Smart Music (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x8831515822C33e187BE2d6C9f5c0122E31121B77

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 18/05/2022

AUDIT OVERVIEW

97

Security Score

97

Static Scan
Automatic scanning for common vulnerabilities

97

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 exclude an address from transactions

```
function setBlacklist(address _wallet, bool _status) external onlyOwner {
  isBlacklist[_wallet]= _status;
  emit changeBlacklist(_wallet, _status);
}
```

Contract owner can exclude/include wallet from tax

```
function setWhitelist(address _address, bool _status) external onlyOwner {
  whitelistTax[_address] = _status;
  emit changeWhitelistTax(_address, _status);
}
```

Contract owner can change cooldown value between transactions

```
function setCooldownForTrades(uint8 _tradeCooldown) external onlyOwner {
  tradeCooldown = _tradeCooldown;
  emit changeCooldown(_tradeCooldown);
}
```

Contract owner can change liquidityPool address and status

```
function setLiquidityPoolStatus(address _lpAddress, bool _status) external onlyOwner {
  liquidityPool[_lpAddress] = _status;
  emit changeLiquidityPoolStatus(_lpAddress, _status);
}
```

Contract owner can change marketingPool address

Default value:

marketingPool : 0x46E33a15a54e365197F5Ba2060e467dbEac02dBb

```
function setMarketingPool(address _marketingPool) external onlyOwner {
  marketingPool = _marketingPool;
  emit changeMarketingPool(_marketingPool);
}
```

Contract owner can change fees up to 99.99%

```
function setTaxes(uint8 _sellTax, uint8 _buyTax, uint8 _transferTax) external onlyOwner {
   require(_sellTax < 100);
   require(_buyTax < 100);
   require(_transferTax < 100);
   sellTax = _sellTax;
   buyTax = _buyTax;
   transferTax = _transferTax;
   emit changeTax(_sellTax,_buyTax,_transferTax);
}
```

Contract owner can renounce ownership

```
function renounceOwnership() public onlyOwner {
   emit OwnershipTransferred(_owner, address(0));
   _owner = address(0);
}
```

Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public onlyOwner {
   _transferOwnership(newOwner);
}

function _transferOwnership(address newOwner) internal {
   require(newOwner != address(0), "Ownable: new owner is the zero address");
   emit OwnershipTransferred(_owner, newOwner);
   _owner = 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:	0%
Sell fees:	5%
Max TX:	N/A
Max Sell:	N/A

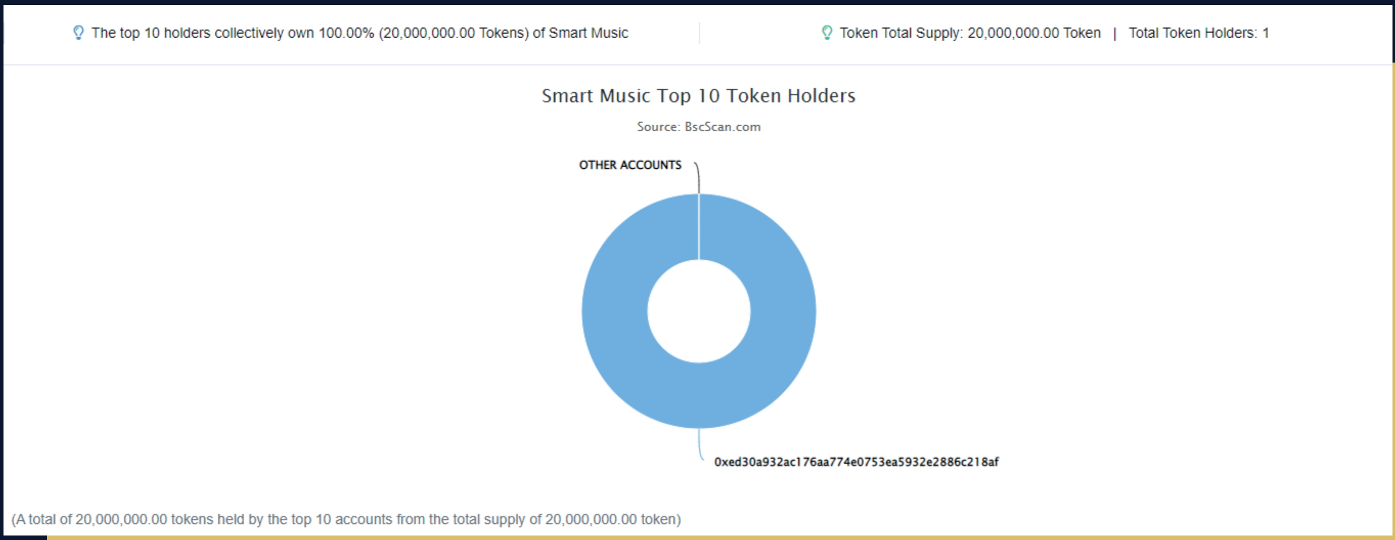
Honeypot Risk

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

Rug Pull Risk

Liquidity:	N/A
Holders:	Clean

SMART MUSIC TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS



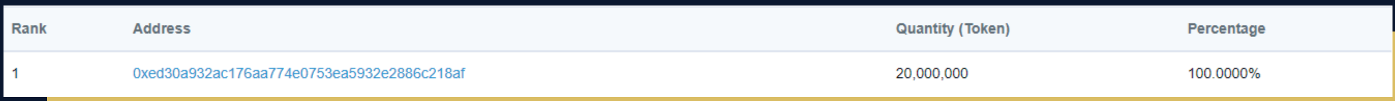
The top 10 holders collectively own 100.00% (20,000,000.00 Tokens) of Smart Music

Token Total Supply: 20,000,000.00 Token | Total Token Holders: 1

Smart Music Top 10 Token Holders

Source: BscScan.com

(A total of 20,000,000.00 tokens held by the top 10 accounts from the total supply of 20,000,000.00 token)



Rank	Address	Quantity (Token)	Percentage
1	0xed30a932ac176aa774e0753ea5932e2886c218af	20,000,000	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.