



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**CryptoFlix Protocol**  
\$CFLIX

**11/06/2022**

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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 Honeygot etc )



# INTRODUCTION

**FreshCoins** (Consultant) was contracted by **CryptoFlix Protocol** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0xb10944D25Fa3E093269e731B0eE7e378D45F9080**

**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 **11/06/2022**



# AUDIT OVERVIEW



Security Score



Static Scan

Automatic scanning for common vulnerabilities



ERC Scan

Automatic checks for ERC's conformance



High



Medium



Low



Optimizations



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

---

Authorized lib included

---

Contract owner can exclude/include wallet from tax

```
function setExemptFee(address account, bool operation) public isAuthorized(2) {
    exemptFee[account] = operation;
}
```

Contract owner can exclude/include address from wallet limitations

```
function setExemptAmountLimit(address account, bool operation) public isAuthorized(2) {
    exemptAmountLimit[account] = operation;
}
```

Contract owner can exclude/include wallet from tx limitations

```
function setExemptTxLimit(address account, bool operation) public isAuthorized(2) {
    exemptTxLimit[account] = operation;
}
```

Other exempt controllers

```
function setExemptOperatePausedToken(address account, bool operation) public isAuthorized(0) {
    exemptOperatePausedToken[account] = operation;
}

function setExemptStaker(address account, bool operation) public isAuthorized(2) {
    exemptStaker[account] = operation;
}
```

Contract owner can change **administrationWallet** and **developingWallet** addresses

Current values

**administrationWallet** : 0x7194b83a8aa12e9d21644af037fda4446ce12762

**developingWallet** : 0x7194b83a8aa12e9d21644af037fda4446ce12762

```
function setAdministrationWallet(address account) public isAuthorized(0) {
    administrationWallet = account;
}

function setDevelopingWallet(address account) public isAuthorized(0) {
    developingWallet = account;
}
```

## Contract owner can change fees up to 100%

```
function setFeeAdministrationWallet(uint256 feeAmount) external isAuthorized(1) {
    feeAdministrationWallet = feeAmount;
}

function setFeeDevelopmentWallet(uint256 feeAmount) external isAuthorized(1) {
    feeDevelopmentWallet = feeAmount;
}

function setFeePool(uint256 feeAmount) external isAuthorized(1) {
    feePool = feeAmount;
}
```

## Contract owner can change max tx amount limitations (without threshold)

```
function setMaxTxAmount(uint256 amount) external isAuthorized(1) {
    setMaxTxAmountWithDecimals(amount * (10 ** decimal));
}
```

## Contract owner can change max wallet amount (without threshold)

```
function setMaxAccountAmount(uint256 amount) external isAuthorized(1) {
    setMaxAccountAmountWithDecimals(amount * (10 ** decimal));
}
```

## Contract owner can burn tokens

```
function burn(uint256 amount) external {
    _burn(_msgSender(), amount);
    totalBurned += amount;
}
```

## Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    _setOwner(address(0));
}
```

## Contract owner can transfer ownership

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

```
function _setOwner(address newOwner) private {
    address oldOwner = _owner;
    _owner = newOwner;
    emit OwnershipTransferred(oldOwner, 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:	4%
Sell fees:	4%
Max TX:	10,000,000
Max Sell:	N/A

## Honeypot Risk

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

## Rug Pull Risk

Liquidity:	N/A
Holders:	Clean



# CRYPTOFLIX PROTOCOL TOKEN ANALYTICS

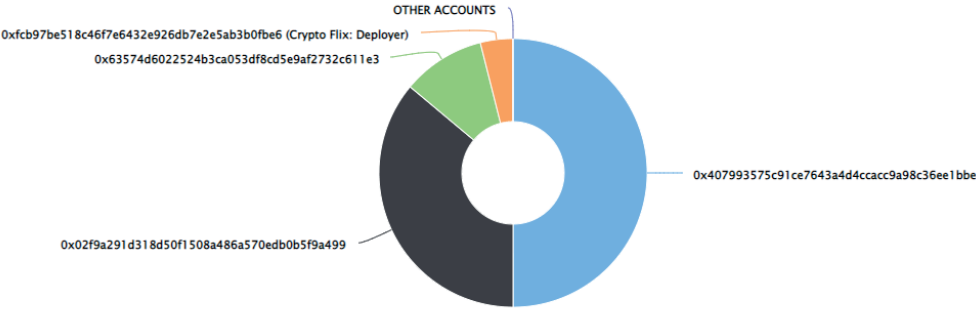
## & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (10,000,000.00 Tokens) of CryptoFlix Protocol

Token Total Supply: 10,000,000.00 Token | Total Token Holders: 4

CryptoFlix Protocol Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	<a href="#">0x407993575c91ce7643a4d4ccacc9a98c36ee1bbe</a>	5,000,000	50.0000%
2	<a href="#">0x02f9a291d318d50f1508a486a570edb0b5f9a499</a>	3,608,000	36.0800%
3	<a href="#">0x63574d6022524b3ca053df8cd5e9af2732c611e3</a>	1,000,000	10.0000%
4	<a href="#">Crypto Flix: Deployer</a>	392,000	3.9200%

# 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.

