



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Bitcoin 2.0

\$Bitcoin 2.0

07/07/2023



TOKEN OVERVIEW

Fees

- Buy fees: 1%
- Sell fees: 1%

Fees privileges

- Can't change / set fees

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can't change max tx amount or wallet amount

Blacklist

- No blacklist function

Other privileges

- N/A
-

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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 **Bitcoin 2.0** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x39A9053e865E75154E27567b2eaC70f80037fE13

Network: **Ethereum (ETH)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **07/07/2023**



WEBSITE DIAGNOSTIC

<https://www.bitcoin2.site/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

N/A



Telegram

N/A

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 disable trading.
- Contract owner can't exclude an address from transactions.
- Contract owner can't set / change buy & sell taxes.
- Contract owner can't change swap settings.
- Contract owner can't change tx amount
- Contract owner can exclude/include wallet from tax

```
function addFeeExempt(address _address) public onlyOwner {  
    feeExempt[_address] = true;  
}  
  
function removeFeeExempt(address _address) public onlyOwner {  
    feeExempt[_address] = false;  
}
```

- Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual onlyOwner {  
    require(newOwner != address(0), "Ownable: new owner is the zero address");  
    _transferOwnership(newOwner);  
}  
  
function _transferOwnership(address newOwner) internal virtual {  
    address oldOwner = _owner;  
    _owner = newOwner;  
    emit OwnershipTransferred(oldOwner, newOwner);  
}
```

- Contract owner can renounce ownership

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

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 HIGH issues during the first review.

TOKEN DETAILS

Details

| | |
|------------|-----|
| Buy fees: | 1% |
| Sell fees: | 1% |
| 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 |

Others

| | |
|------------|----------------------|
| Liquidity: | N/A |
| Holders: | 100% unlocked tokens |



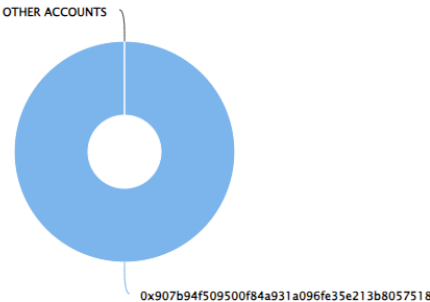
BITCOIN 2.0 TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (36,000,000.00 Tokens) of Bitcoin 2.0

Token Total Supply: 36,000,000.00 Token | Total Token Holders: 1

Bitcoin 2.0 Top 10 Token Holders

Source: Etherscan.io



(A total of 36,000,000.00 tokens held by the top 10 accounts from the total supply of 36,000,000.00 token)

| Rank | Address | Quantity (Token) | Percentage |
|------|---|------------------|------------|
| 1 | 0x907B94...b8057518  | 36,000,000 | 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.

