



freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



President Trump Coin
\$PRES



08/04/2023



TOKEN OVERVIEW

Fees

- Buy fees: 10%
- Sell fees: 10%

Fees privileges

- Can change fees up to 25%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can't change max tx amount and max wallet amount

Blacklist

- Blacklist function not detected

Other privileges

- Can exclude / include from fees
-

TABLE OF CONTENTS

- 1 DISCLAIMER
- 2 INTRODUCTION
- 3 WEBSITE + SOCIALS
- 4-5 AUDIT OVERVIEW
- 6-8 OWNER PRIVILEGES
- 9 CONCLUSION AND ANALYSIS
- 10 TOKEN DETAILS
- 11 PRES TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS
- 12 TECHNICAL DISCLAIMER



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 President Trump Coin (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x8787400C61f0aB3CbbBcFF8ce2a5F1C6645c7f61

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 08/04/2023



WEBSITE DIAGNOSTIC

<https://www.prestrumpcoin.com/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive
Web App

Socials



Twitter

https://mobile.twitter.com/Pres_Coin



Telegram

<https://t.me/tipistry>

AUDIT OVERVIEW



Security Score



Static Scan
Automatic scanning for common vulnerabilities



ERC Scan
Automatic checks for ERC's conformance

0 High

2 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 exclude/include wallet from tax

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}
```

- Contract owner can exclude/include wallet from rewards

```
function excludeFromReward(address account) public onlyOwner {  
    // require(account != 0x7a250d5630B4cF539739dF2C5dAcb4c659F2488D, "We can not exclude Uniswap router.");  
    require(!_isExcluded[account], "Account is already excluded");  
    if (_rOwned[account] > 0) {  
        _tOwned[account] = tokenFromReflection(_rOwned[account]);  
    }  
    _isExcluded[account] = true;  
    _excluded.push(account);  
}  
  
function includeInReward(address account) external onlyOwner {  
    require(_isExcluded[account], "Account is already excluded");  
    for (uint256 i = 0; i < _excluded.length; i++) {  
        if (_excluded[i] == account) {  
            _excluded[i] = _excluded[_excluded.length - 1];  
            _tOwned[account] = 0;  
            _isExcluded[account] = false;  
            _excluded.pop();  
            break;  
        }  
    }  
}
```

- Contract owner can change swap settings

```
function setSwapBackSettings(uint256 _amount) external onlyOwner {  
    require(  
        _amount >= totalSupply().mul(5).div(10**4),  
        "Swapback amount should be at least 0.05% of total supply"  
    );  
    numTokensSellToAddToLiquidity = _amount;  
    emit SwapAndLiquifyAmountUpdated(_amount);  
}
```

● Contract owner can change fees up to 25%

```
uint256 public constant MAX_FEE = 10**4 / 4;
```

```
function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
    _taxFee = taxFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= MAX_FEE,
        "Total fee is over 25%"
    );
}

function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= MAX_FEE,
        "Total fee is over 25%"
    );
}

function setCharityFeePercent(uint256 charityFeeBps) external onlyOwner {
    _charityFee = charityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= MAX_FEE,
        "Total fee is over 25%"
    );
}
```

● 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);
}
```

● Contract owner can renounce ownership

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

Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.



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: 10%

Sell fees: 10%

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: 100% unlocked tokens



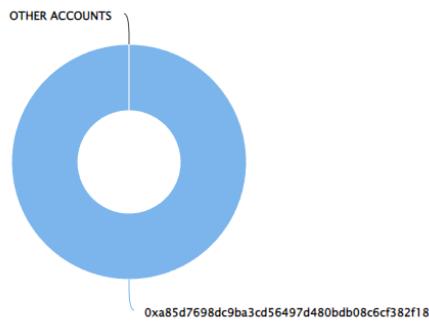
PRES TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000,000.00 Tokens) of President Trump Coin

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

President Trump Coin Top 10 Token Holders

Source: BscScan.com



(A total of 1,000,000,000.00 tokens held by the top 10 accounts from the total supply of 1,000,000,000.00 token)

| Rank | Address | Quantity (Token) | Percentage |
|------|--|------------------|------------|
| 1 | 0xa85d7698dc9ba3cd56497d480bdb08c6cf382f18 | 1,000,000,000 | 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.

