freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

PokemonPepe

$POKEPEPE

07/06/2023

TOKEN OVERVIEW

Fees

- Buy fees: 7%
- Sell fees: 7%

Fees privileges

- Can change buy fees up to 6% and sell fees up to 6%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can’t change max tx amount and / or max wallet amount

Blacklist

- Blacklist function not detected

Other privileges

- Can exclude / include from fees

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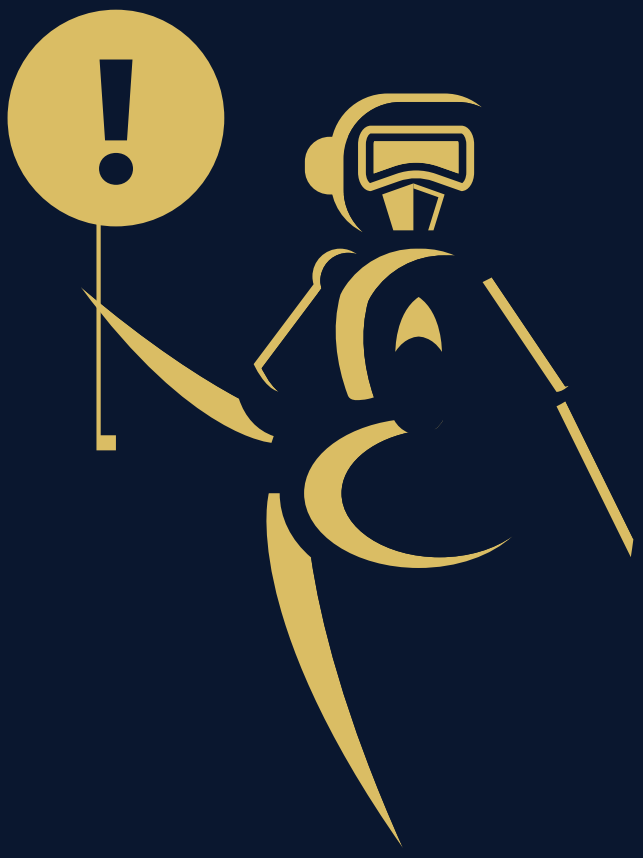
DISCLAIMER

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

0xB154580633d4B3C9A6A472f8edD9Df276A3A6F65

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 07/06/2023

WEBSITE DIAGNOSTIC

https://www.pokemonpepe.com/


0-49


50-89


90-100

Performance

Accessibility

Best Practices

SEO

Progressive Web App

Socials


Twitter

https://twitter.com/PokemonPepeBSC


Telegram

https://t.me/PokemonPepe

AUDIT OVERVIEW

94

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

86

ERC Scan
Automatic checks for ERC's conformance

0 High

1 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(s) from tax

```
event ExcludeMultipleAccountsFromFees(address[] accounts, bool isExcluded);

function excludeMultipleAccountsFromFees(address[] calldata accounts, bool excluded) public onlyOwner {
    for(uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFee[accounts[i]] = excluded;
    }
    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}

event ExcludeFromFees(address indexed account, bool isExcluded);

function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFee[account] = excluded;
    emit ExcludeFromFees(account, excluded);
}
```

- Contract owner can change buy fees up to 6% and sell fees up to 6%

```
function setFee(uint256 redisFeeOnBuy, uint256 redisFeeOnSell, uint256 taxFeeOnBuy, uint256 taxFeeOnSell)
public onlyOwner {
    require(redisFeeOnBuy < 2, "Redis cannot be more than 2.");
    require(redisFeeOnSell < 2, "Redis cannot be more than 2.");
    require(taxFeeOnBuy < 6, "Tax cannot be more than 6.");
    require(taxFeeOnSell < 6, "Tax cannot be more than 6.");
    _redisFeeOnBuy = redisFeeOnBuy;
    _redisFeeOnSell = redisFeeOnSell;
    _taxFeeOnBuy = taxFeeOnBuy;
    _taxFeeOnSell = taxFeeOnSell;
}
```

- Contract owner has the ability to manually swap the contract's token balance for Ether

```
function manualswap() external {
    require(_msgSender() == owner());
    uint256 contractBalance = balanceOf(address(this));
    swapTokensForEth(contractBalance);
}
```

Contract owner has the ability to manually send the contract's Ether balance to a designated recipient

4/7 (approximately 57.14%) of the amount is allocated to the marketing address, and the remaining 3/7 (approximately 42.86%) is allocated to the burn address

Current values:

_marketingAddress: 0x476aF09742d623A4A8A774d1a59F36B8D8C9A9c7

_burnAddress: 0x2790d44BfaE3332728Dba0565C7eB9f6A1db9A8e

```
function manualsend() external {
        require(_msgSender() == owner());
        uint256 contractETHBalance = address(this).balance;
        sendETHToFee(contractETHBalance);
}

function sendETHToFee(uint256 amount) private {
        uint256 mktAmount = amount.mul(4).div(7);
        uint256 burnAmount = amount.sub(mktAmount);
        _marketingAddress.transfer(mktAmount);
        _burnAddress.transfer(burnAmount);
}
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
        emit OwnershipTransferred(_owner, address(0));
        _owner = 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:	7%
Sell fees:	7%
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

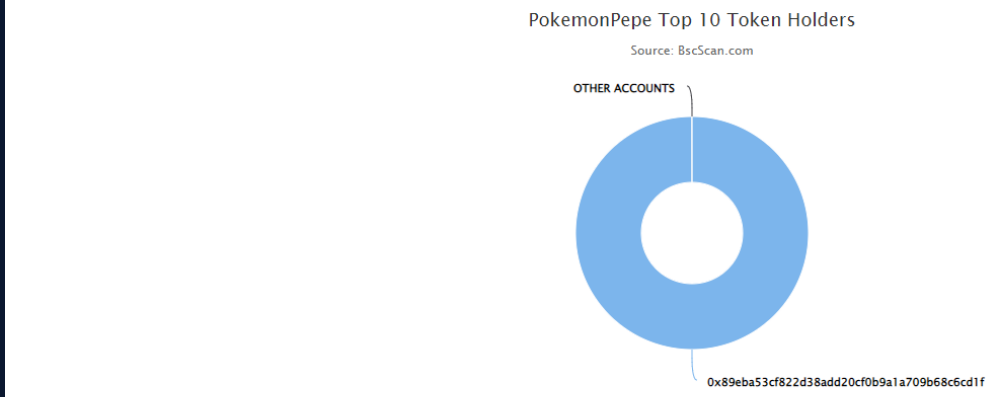
Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens

POKEPEPE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

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

Token Total Supply: 10,000,000,000,000,000.00 Token | Total Token Holders: 1



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

Rank	Address	Quantity (Token)	Percentage
1	0x89eba53cf822d38add20cf0b9a1a709b68c6cd1f	10,000,000,000,000,000	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.