freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

PEPE BLACK CEO
$PEPEBLACK

06/05/2023

TOKEN OVERVIEW

Fees

• **Buy fees:**   **0%**

• **Sell fees:**   **5%**

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 and max wallet amount

Blacklist

• Blacklist function not detected

Other privileges

If a wallet has been excluded from fees, it is able to trade even when the trading feature has not been enabled.

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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
PEPE BLACK CEO (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x20a0E5F08A466456a087E5c9EcF21816aC93c693

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 06/05/2023

WEBSITE DIAGNOSTIC

0-49   50-89   90-100

92	**92**	**96**	**90**	**NA**
Performance	Accessibility	Best Practices	SEO	Progressive Web App

Socials

🚀 Twitter

https://twitter.com/pepeblackceo

🚀 Telegram

https://t.me/pepeblackceoofficial

AUDIT OVERVIEW

72
Security Score

98
Static Scan
Automatic scanning for common vulnerabilities

66
ERC Scan
Automatic checks for ERC's conformance

1 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 excludeFromFees(address account, bool excluded) external onlyOwner{
    require(_isExcludedFromFees[account] != excluded,"Account is already the value of 'excluded'");
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}
```

- Contract owner has to call enableTrading() function to enable trade

```
function enableTrading() external onlyOwner{
    require(!tradingEnabled, "Trading already enabled.");
    tradingEnabled = true;
    swapEnabled = true;
}
```

In the event that the trading feature is disabled because the enableTrading() function was not called, any wallet that has been excluded from fees is still able to trade.

```
function _transfer(address from,address to,uint256 amount) internal  override {
    require(from != address(0), "ERC20: transfer from the zero address");
    require(to != address(0), "ERC20: transfer to the zero address");
    require(tradingEnabled || _isExcludedFromFees[from] || _isExcludedFromFees[to], "Trading not yet
enabled!");
    .
    .
    .
```

- Contract owner can change swap settings

```
function setSwapEnabled(bool _enabled) external onlyOwner{
    require(swapEnabled != _enabled, "swapEnabled already at this state.");
    swapEnabled = _enabled;
}

function setSwapTokensAtAmount(uint256 newAmount) external onlyOwner{
    require(newAmount > totalSupply() / 1_000_000, "SwapTokensAtAmount must be greater than 0.0001%
of total supply");
    swapTokensAtAmount = newAmount;

    emit SwapTokensAtAmountUpdated(swapTokensAtAmount);
}
```

● Contract owner can withdraw tokens from smart contract

Native tokens excluded

```solidity
function claimStuckTokens(address token) external onlyOwner {
    require(token != address(this), "Owner cannot claim contract's balance of its own tokens");
    if (token == address(0x0)) {
        payable(msg.sender).sendValue(address(this).balance);
        return;
    }
    IERC20 ERC20token = IERC20(token);
    uint256 balance = ERC20token.balanceOf(address(this));
    ERC20token.transfer(msg.sender, balance);
}
```

● Contract owner can transfer ownership

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

● Contract owner can renounce ownership

```solidity
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 1 HIGH issues 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: Not detected

Modify Max TX: Not detected
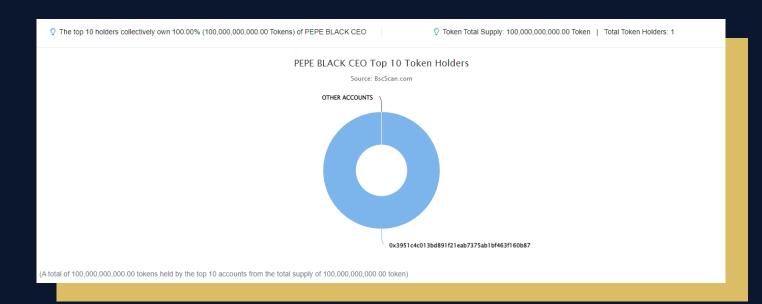
Modify Max Sell: Not detected

Disable Trading: Not detected

Rug Pull Risk

Liquidity: N/A

Holders: 100% unlocked tokens

PEPEBLACK TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (100,000,000,000.00 Tokens) of PEPE BLACK CEO Token Total Supply: 100,000,000,000.00 Token | Total Token Holders: 1

PEPE BLACK CEO Top 10 Token Holders

Source: BscScan.com

OTHER ACCOUNTS

0x3951c4c013bd891f21eab7375ab1bf463f160b87

(A total of 100,000,000,000.00 tokens held by the top 10 accounts from the total supply of 100,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x3951c4c013bd891f21eab7375ab1bf463f160b87	100,000,000,000	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.