freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Kitty City Blast

$KTB

14/12/2024

TOKEN OVERVIEW

Fees

- Buy fees: 3%
- Sell fees: 3%

Fees privileges

- Can change fees up to 10%

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 owner wallet from fees
- Contract owner has to call openTrade function to enable trade

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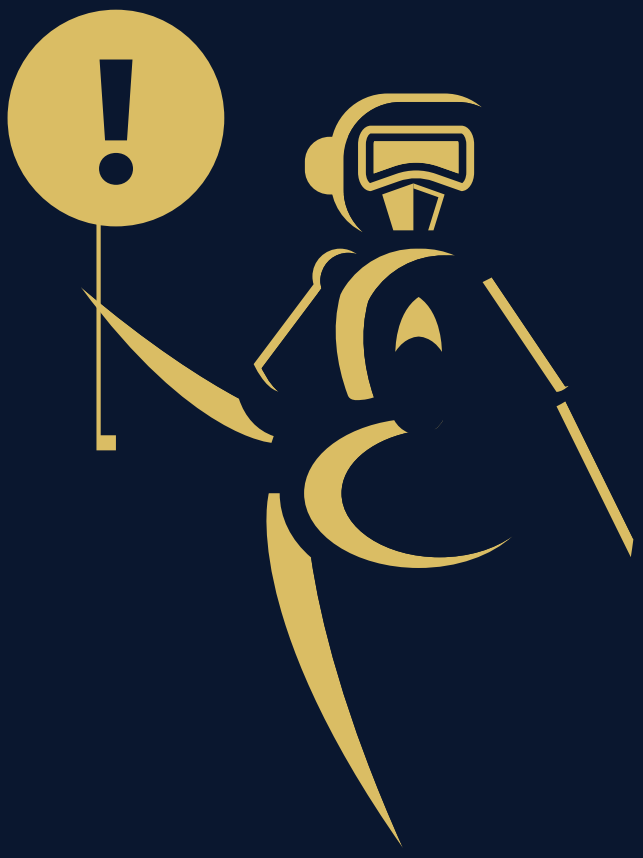
DISCLAIMER

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
Kitty City Blast (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x0d3993a587f1f26657dc2652afa7e74016cb6dc4

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 14/12/2024

WEBSITE DIAGNOSTIC

https://kittycityblast.com/


0-49


50-89


90-100

Performance

Accessibility

Best Practices

SEO

Progressive Web App

Socials

Twitter

https://x.com/kittycityblast

Telegram

https://t.me/Kittycityblast

AUDIT OVERVIEW

86

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

84

ERC Scan
Automatic checks for ERC's conformance

1 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	Low
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 owner wallet from tax

```
function excludeOwnerFromFees() external onlyOwner {
      _isExcludedFromFees[owner()] = true;
      emit UpdateExcludeFromFees(owner(), true);
}
```

- Contract owner can include whitelist wallet

```
function addWhitelist(address account) external onlyOwner {
      whitelist[account] = true;
}
```

- Contract owner has to call openTrade function to enable trade

Please note that owner wallet retains the ability to engage in trading, even in situations where trading is disabled

```
function openTrade() external onlyOwner {
      require(!tradingEnabled, "Trading is already open");
      tradingEnabled = true;
      tradeOpeningTime = block.timestamp;
   }

_transfer function line 1151
.
.
.
require(
         tradingEnabled || from == presaleWallet || from == owner(),
         "Trading not yet enabled"
      );
.
.
.
```

- Contract owner can renounce ownership

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

Contract owner can change taxFeeWallet and presaleWallet addresses

Current values:

taxFeeWallet : 0x585D1508954890AB0F72750Dc2fD43da19E3E596

presaleWallet : 0x0000000000000000000000000000000000000000

```
function setTaxFeeWallet(address _taxFeeWallet) external onlyOwner {
    require(_taxFeeWallet != address(0), "TaxFeeWallet cannot be zero address");
    taxFeeWallet = _taxFeeWallet;
    emit UpdateTaxFeeWallet(_taxFeeWallet);
}

function setPresaleWallet(address _presaleWallet) external onlyOwner {
    presaleWallet = _presaleWallet;
}
```

Contract owner can set the value of whitelistTime, which is a time period after the tradeOpeningTime during which specific restrictions apply to transfers for non-whitelisted addresses (max 10 minutes)

```
function setWhitelistTime(uint256 _whitelistTime) external onlyOwner {
  require(_whitelistTime <= 600, "Whitelist time cannot exceed 10 minutes");
  whitelistTime = _whitelistTime;
}
```

Contract owner can set fees up to 10%

```
function setMarketingTax(uint256 newMarketingTax) external onlyOwner {
    require(newMarketingTax <= denominator/10, "Tax cannot exceed 10%");
    marketingTaxBuy = newMarketingTax;
    marketingTaxSell = newMarketingTax;
    emit UpdateBuyFees(newMarketingTax);
    emit UpdateSellFees(newMarketingTax);
}
```

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);
}
```

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:	3%
Sell fees:	3%
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

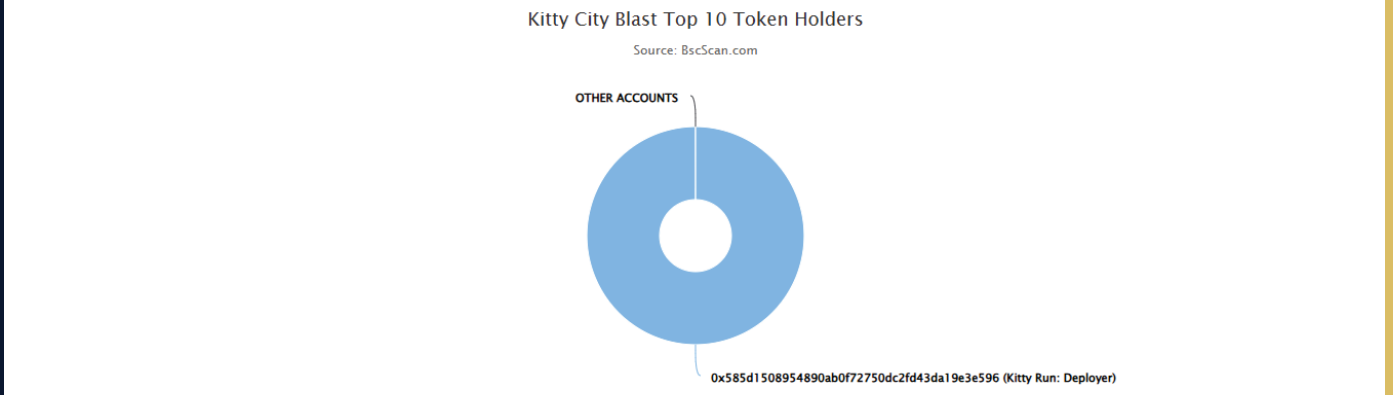
Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens

KTB TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (10,000,000,000.00 Tokens) of Kitty City Blast

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



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

Rank	Address	Quantity (Token)	Percentage
1	Kitty Run: Deployer	10,000,000,000	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.