



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



TrexPad
\$TREX

09/02/2022

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

0x98E7c948c0b80993B9564A40f6714Bada0Ca5e80

Network: Binance Smart Chain (BNB)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 09/02/2022



WEBSITE DIAGNOSTIC

<https://trexpadi.io/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive
Web App

Metrics



First Contentful Paint

3.2 s



Time to interactive

9.7 s



Speed Index

7.8 s



Total Blocking Time

120 ms



Large Contentful Paint

6.1 s



Cumulative Layout Shift

0.012

WEBSITE IMPROVEMENTS

Reduce unused CSS

Reduce initial server response time

Ensure text remains visible during webfont load

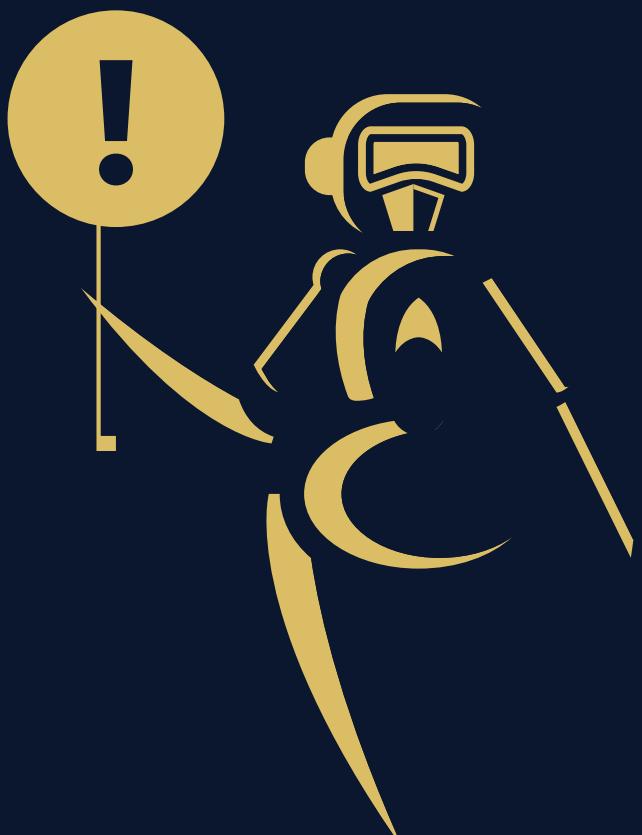
Image elements do not have explicit width and height

Heading elements are not in a sequentially-descending order

Links do not have a discernible name

Background and foreground colors do not have a sufficient contrast ratio

Document does not have a meta description



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 exclude an address from transactions.

Contract owner can't mint tokens after initial contract deploy

Contract owner can exclude/include wallet from fees

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

Contract owner can change swap settings

```
function updateSwapTokensAtAmount(uint256 newAmount) external onlyOwner returns (bool) {
    require(newAmount >= totalSupply() * 1 / 100000, "Swap amount cannot be lower than 0.001% total supply.");
    require(newAmount <= totalSupply() * 5 / 1000, "Swap amount cannot be higher than 0.5% total supply.");
    swapTokensAtAmount = newAmount;
    return true;
}
```

Contract owner can change buy fees up to 5% and sell fees up to 14%

```
function updateBuyFees(uint256 _marketingFee, uint256 _liquidityFee, uint256 _devFee) external onlyOwner {
    buyMarketingFee = _marketingFee;
    require(buyMarketingFee <= 2, "Must keep fees at 2% or less");
    buyLiquidityFee = _liquidityFee;
    require(buyLiquidityFee <= 1, "Must keep fees at 1% or less");
    buyDevFee = _devFee;
    require(buyDevFee <= 2, "Must keep fees at 2% or less");
    buyTotalFees = buyMarketingFee + buyLiquidityFee + buyDevFee;
    require(buyTotalFees <= 5, "Must keep fees at 5% or less");
}

function updateSellFees(uint256 _marketingFee, uint256 _liquidityFee, uint256 _devFee) external onlyOwner {
    sellMarketingFee = _marketingFee;
    require(sellMarketingFee <= 6, "Must keep fees at 6% or less");
    sellLiquidityFee = _liquidityFee;
    require(sellLiquidityFee <= 2, "Must keep fees at 2% or less");
    sellDevFee = _devFee;
    require(sellLiquidityFee <= 6, "Must keep fees at 6% or less");
    sellTotalFees = sellMarketingFee + sellLiquidityFee + sellDevFee;
    require(sellTotalFees <= 14, "Must keep fees at 14% or less");
}
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {  
    emit OwnershipTransferred(_owner, address(0));  
    _owner = address(0);  
}
```

Contract owner can transfer ownership

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



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 issue during the first review.

TOKEN DETAILS

Details

Buy fees: 0%

Sell fees: 10%

Max TX: N/A

Max Sell: N/A

Honeypot Risk

Ownership: Not 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: Clean



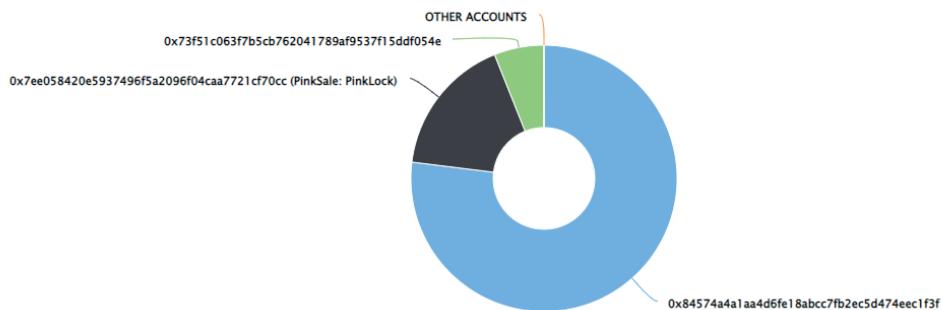
TREXPAD TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (100,000,000.00 Tokens) of TrexPad

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 3

TrexPad Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	0x84574a4a1aa4d6fe18abcc7fb2ec5d474eec1f3f	76,968,000	76.9680%
2	PinkSale: PinkLock	17,000,000	17.0000%
3	0x73f51c063f7b5cb762041789af9537f15ddf054e	6,032,000	6.0320%

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.

