freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Maxi Protocol

$MAXL

14/04/2023

TOKEN OVERVIEW

Fees

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

Fees privileges

- Can change / set fees up to 10%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can’t change max tx amount or wallet amount

Blacklist

- No blacklist function

Other privileges

- N/A

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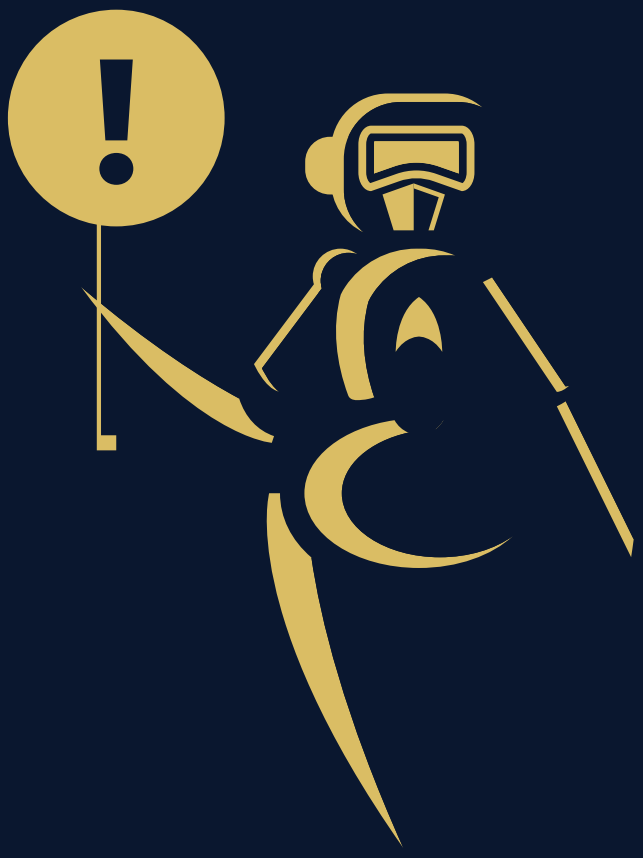
DISCLAIMER

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

0xdd5d49910c5d475c984ee891a928de6658d2042d

Network: CoreDAO

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 14/04/2023

WEBSITE DIAGNOSTIC

https://maxiprotocol.com/


0-49


50-89


90-100

Performance

Accessibility

Best Practices

SEO

Progressive Web App

Socials


Twitter

https://twitter.com/maxi_protocol


Telegram

https://t.me/maxi_protocol

AUDIT OVERVIEW

96

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

92

ERC Scan
Automatic checks for ERC's conformance

0 High

0 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 disable trading.
- Contract owner can't exclude an address from transactions.
- Contract owner can’t change swap settings.
- Contract owner can’t change tx amount
- Contract owner can change fees up to 10% and feeAddress address

```
function updateFee(uint256 _txFee,uint256 _burnFee,address _FeeAddress)external onlyOwner{
        require(
          _txFee + _burnFee <= 10,
          "Total fee is over 10%"
       );
        txFee = _txFee;
        burnFee = _burnFee;
        FeeAddress = _FeeAddress;
}
```

- 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;
  }
```

- 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:	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

Others

Liquidity:	N/A
Holders:	Clean

MAXL TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

Top 1,000 holders (From a total of 2 holders)

Rank	Address	Quantity	Percentage
1	0x281553dea8c21e079af639e36a9fab35a5c2ae0f	1,000,000	100 %
2	0x0000000000000000000000000000000000000000	0	0 %

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.