



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Maxi Protocol
\$MAXL

14/04/2023

TOKEN OVERVIEW

Fees

- Buy fees: 0%
- Sell fees: 0%

Fees privileges

- Can change / set fees up to 100%

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
-

TABLE OF CONTENTS

- 1 **DISCLAIMER**
- 2 **INTRODUCTION**
- 3 **WEBSITE + SOCIALS**
- 4-5 **AUDIT OVERVIEW**
- 6-7 **OWNER PRIVILEGES**
- 8 **CONCLUSION AND ANALYSIS**
- 9 **TOKEN DETAILS**
- 10 **MAXL TOKEN ANALYTICS &
TOP 10 TOKEN HOLDERS**
- 11 **TECHNICAL DISCLAIMER**



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.

0x97fe582ff693825e7a38864e53072d613da43214

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



Security Score
HIGH RISK



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 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 100% and feeAddress address

```
function updateFee(uint256 _txFee,uint256 _burnFee,address _FeeAddress)external onlyOwner{
    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 1 HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees: 0%

Sell fees: 0%

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 6 holders)

Rank	Address	Quantity	Percentage
1	0x8ad98ad3bccfa2b46358a26829642a94b80aa507	550,000.00000333333333333334	55 %
2	0xd7f3dd25ffb9165e1b81e63ca223fc661262cf5f	150,000	15 %
3	0x1dbfdaf3441cb6ad9c82dae391158b0ee0343a01	140,000	14 %
4	0x281553dea8c21e079af639e36a9fab35a5c2ae0f	100,000	10 %
5	0xffc0bd3f072b763fca4be076d777155828c84efb	59,999.99999666666666666666	6 %
6	0x00	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.

