



**freshcoins**

## **SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT**



**Multi-Meta World**  
**\$MMW**



**28/01/2022**



# TABLE OF CONTENTS

- 1 DISCLAIMER
- 2 INTRODUCTION
- 3-4 WEBSITE DIAGNOSTIC
- 5-6 AUDIT OVERVIEW
- 7-8 OWNER PRIVILEGES
- 9 CONCLUSION AND ANALYSIS
- 10 TOKEN DETAILS
- 11 MULTI-META WORLD TOKEN DISTRIBUTION & TOP 10 TOKEN HOLDERS
- 12 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 Multi-Meta World (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x57Cf7AbCa8F6919E7eD30C22EF2Fd3237C3d71ec

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 28/01/2022



# WEBSITE DIAGNOSTIC

<http://www.multi-metaworld.com/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive  
Web App

## Metrics



First Contentful Paint

**5.3 s**



Time to interactive

**3.9 s**



Speed Index

**5.2 s**



Total Blocking Time

**120 ms**



Large Contentful Paint

**4.6 s**



Cumulative Layout Shift

**0.1**

# WEBSITE IMPROVEMENTS

---

**Use video formats for animated content**

---

**Avoid enormous network payloads** Total size was 24,099 KiB

---

**Reduce unused CSS**

---

**Ensure text remains visible during webfont load**

---

**Image elements do not have explicit width and height**

---

**Links do not have a discernible name**

---

**Background and foreground colors do not have a sufficient contrast ratio**

---

**Heading elements are not in a sequentially-descending order**

---

# 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 mint tokens after initial contract deploy.

Contract owner can enable/disable fees

Contract owner can exclude/include wallet from reward

```
function excludeFromReward(address account) public onlyOwner() {
    require(account != 0x10ED43C718714eb63d5aA57B78B54704E256024E, "We can not exclude Pancake router."); //v2
    require(!_isExcluded[account], "Account is already excluded");
    if(_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}

function includeInReward(address account) external onlyOwner() {
    require(_isExcluded[account], "Account is already excluded");
    for (uint256 i = 0; i < _excluded.length; i++) {
        if (_excluded[i] == account) {
            _excluded[i] = _excluded[_excluded.length - 1];
            _tOwned[account] = 0;
            _isExcluded[account] = false;
            _excluded.pop();
            break;
        }
    }
}
```

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;
}
```

Contract owner can change swap settings

```
function setSwapAndLiquifyEnabled(bool _enabled) public onlyOwner {
    swapAndLiquifyEnabled = _enabled;
    emit SwapAndLiquifyEnabledUpdated(_enabled);
}
```

## Contract owner can exclude/include wallet from fee

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}  
  
function includeInFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = false;  
}
```

## Contract owner can change max tx amount and max tx wallet

```
function setMaxTxPercent(uint256 maxTxPercent) public {  
    require(maxTxPercent > 0, "Cannot set transaction amount less than 1 percent!");  
    _maxTxAmount = _tTotal.mul(maxTxPercent).div(  
        10**2  
    );  
    .  
    .  
    .  
    function setMaxWalletPercent(uint256 maxWalletPercent) public {  
        require(maxWalletPercent > 0, "Cannot set transaction amount less than 1 percent!");  
        _maxWalletToken = _tTotal.mul(maxWalletPercent).div(  
            10**2  
        );  
    }  
}
```



# 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:	12%
Sell fees:	12%
Max TX:	50,000,000,000
Max Sell:	N/A

## Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

## Rug Pull Risk

Liquidity:	N/A
Holders:	Clean

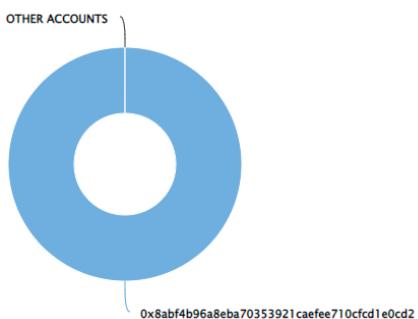


# MULTI-META WORLD TOKEN DISTRIBUTION & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (5,000,000,000,000.00 Tokens) of Multi-Meta World | Token Total Supply: 5,000,000,000,000.00 Token | Total Token Holders: 1

Multi-Meta World Top 10 Token Holders

Source: BscScan.com



(A total of 5,000,000,000,000.00 tokens held by the top 10 accounts from the total supply of 5,000,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x8abf4b96a8eba70353921caefee710cfcd1e0cd2	5,000,000,000,000	100.00000%

# 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.

