freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Elon Metaverse Token
$EMT

28/05/2022

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DISCLAIMER

INTRODUCTION

FreshCoins (Consultant) was contracted by
Elon Metaverse Token (Customer) to conduct a Smart Contract Code Review
and Security Analysis.

0x38e8D7Ea33C55DE3B9ca7214BaeC6eA0A4013EFf

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 28/05/2022

Elon Metaverse Token
$EMT

AUDIT OVERVIEW

95

Security Score

95 Static Scan
Automatic scanning for common vulnerabilities

96 ERC Scan
Automatic checks for ERC's conformance

0 High

0 Medium

1 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	Low
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/include wallet from tax

```solidity
function excludeAddress(address account) external onlyOwner {
    isExcludedFromFee[account] = true;
    emit EventExcludeAddress(account);
}

function removeExcludedAddress(address account) external onlyOwner {
    delete isExcludedFromFee[account];
    emit EventRemoveExcludeAddress(account);
}
```

Contract owner can transfer tokens to multiple wallets

```solidity
function multiTransfer(address[] memory receivers, uint256[] memory amounts)
    public
  {
    for (uint256 i = 0 ; i < receivers.length; i++) {
        transfer(receivers[i], amounts[i]);
    }
}
```

Contract owner can change poolWallet address

poolWallet : 0x64b08fdfb63d1d639a3c8f73e91e2a85151851a1

```solidity
function setPoolWallet(address poolWallet_) external onlyOwner {
    poolWallet = poolWallet_;
}
```

Contract owner can change buy fees up to 5% and sell fees up to 15%

```solidity
function setBuyFee(uint256 fee) external onlyOwner {
    require(fee <= 500, "Pancake swap limitation");
    _buyFee = fee;
}

function setSellFee(uint256 fee) external onlyOwner {
    require(fee <= 1500, "Pancake swap limitation");
    _sellFee = fee;
}
```

Contract owner can renounce ownership

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

Contract owner can transfer ownership

```solidity
function transferOwnership(address newOwner) public virtual onlyOwner {
    require(newOwner != address(0), "Ownable: new owner is the zero address");
    _setOwner(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 1 LOW issue during the first review.

TOKEN DETAILS

Details

Buy fees: 1%

Sell fees: **15%** (3% when market comfortable)

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
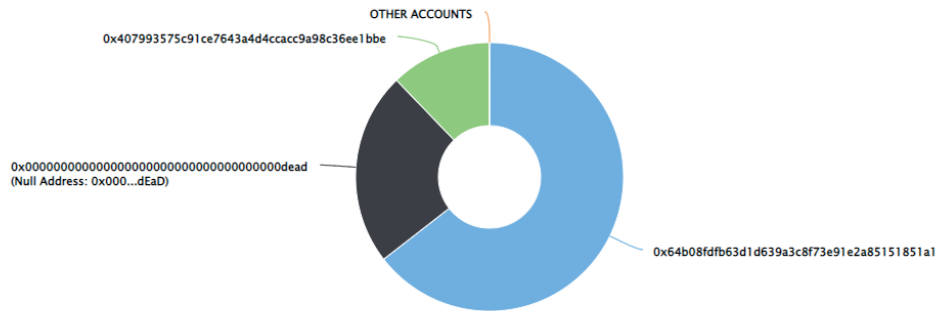
Holders: Clean

ELON METAVERSE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000,000.00 Tokens) of Elon Metaverse Token | Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 3

Elon Metaverse Token Top 10 Token Holders

Source: BscScan.com

OTHER ACCOUNTS

0x407993575c91ce7643a4d4ccacc9a98c36ee1bbe

0x0000000000000000000000000000000000000dead
(Null Address: 0x000...dEaD)

0x64b08fdfb63d1d639a3c8f73e91e2a85151851a1

(A total of 1,000,000,000.00 tokens held by the top 10 accounts from the total supply of 1,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x64b08fdfb63d1d639a3c8f73e91e2a85151851a1	645,000,000	64.5000%
2	Null Address: 0x000...dEaD	233,000,000	23.3000%
3	0x407993575c91ce7643a4d4ccacc9a98c36ee1bbe	122,000,000	12.2000%

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.