BlockSAFU

ADVANCE MANUAL SMART CONTRACT AUDIT

Project: CMOVE

Website: cardiomove.app

PASSED

BlockSAFU Score: 72

Contract Address:

0xdfFF8a26e4112945D9a850d63F1a864595fCbFE6

DISCLAMER

BlockSAFU has completed this report to provide a summary of the Smart Contract functions, and any security, dependency, or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as of this report's date. To understand the full scope of our analysis, it is vital for you to at the date of this report. To understand the full scope of our analysis, you need to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against BlockSAFU or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

BlockSAFU (BSAFU) is an Anti-Scam Token Utility that reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFUs Development Team consists of several Smart Contract creators, Auditors Developers, and Blockchain experts. BlockSAFU provides solutions, prevents, and hunts down scammers. BSAFU is a utility token with features Audit, KYC, Token Generators, and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by CMOVE to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (https://blocksafu.com/)

SMART CONTRACT REVIEW

Token Name	Cardio Move
Token Symbol	CMOVE
Token Decimal	18
Total Supply	50,000,000 **CMOVE**
Contract Address	0xdfFF8a26e4112945D9a850d63F1a864595fCbFE6
Deployer Address	0x492ae886b2e9d42302957F156dce8fcE931C904B
Owner Address	0x492ae886b2e9d42302957F156dce8fcE931C904B
Tax Fees Buy	1%
Tax Fees Sell	5%
Gas Used for Buy	*will be updated after the DEX listing*
Gas Used for Sell	*will be updated after the DEX listing*
Contract Created	May-28-2022 03:00:10 PM +UTC
Initial Liquidity	*will be updated after the DEX listing*
Liquidity Status	Locked
Unlocked Date	*will be updated after the DEX listing*
Verified CA	Yes
Compiler	v0.8.7+commit.e28d00a7
Optimization	Enable with 200 runs
Sol License	MIT License
Top 5 Holders	*will be updated after the DEX listing*
Other	default evmVersion

TAX

BUY Fees	1%	**SELL Fees**	5%

TOP HOLDER

Team Review

The Cardio Move team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 45,606 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: https://cardiomove.app/

Telegram Group: https://t.me/cadiomove_App

Twitter: https://twitter.com/cardio_move

MANUAL CODE REVIEW

● Minor-risk

1 minor-risk code issue found

Could be fixed, and will not bring problems.

1. The return value of an external transfer/transferFrom return value is checked.
   Recommendation: use SafeERC20, or ensure that the transfer/transferFrom return
   value is checked

```
function transferFrom(
    address sender,
    address recipient,
    uint256 amount
) external returns (bool);
```

🟡 Medium-risk

1 medium-risk code issue found

Should be fixed, could bring problems.

```
function addBlackList(address add) external onlyOwner {
    blackListedList[add] = true;
}

function addBlackLists(address[] calldata listAddress) external onlyOwner {
    uint256 count = listAddress.length;
    for (uint256 i = 0; i < count; i++) {
        blackListedList[listAddress[i]] = true;
    }
}

function removeBlackList(address add) external onlyOwner {
    blackListedList[add] = false;
}

function removeBlackLists(address[] calldata listAddress) external onlyOwner {
    uint256 count = listAddress.length;
    for (uint256 i = 0; i < count; i++) {
        blackListedList[listAddress[i]] = false;
    }
}
```

The Owner can blacklist

🔴 High-Risk

0 high-risk code issues found

Must be fixed, and will bring problem.

🔴 Critical-Risk

0 critical-risk code issues found

Must be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

1. IERC20

```solidity
interface IERC20 {
  /**
   * @dev Returns the number of tokens in existence.
   */
  function totalSupply() external view returns (uint256);
...
  function balanceOf(address account) external view returns (uint256);
...
  function transfer(address recipient, uint256 amount) external returns (bool);
...
  function allowance(address owner, address spender) external view returns (uint256);
...
  function approve(address spender, uint256 amount) external returns (bool);
...
  function transferFrom(
    address sender,
    address recipient,
    uint256 amount
  ) external returns (bool);

  /**
   * @dev Emitted when `value` tokens are moved from one account (`from`) to
   * another (`to`).
   *
   * Note that `value` may be zero.
   */
  event Transfer(address indexed from, address indexed to, uint256 value);
...
}
```

IERC20 Normal Base Template

2. Ownable Contract

```solidity
abstract contract Ownable is Context {
    address private _owner;

    event OwnershipTransferred(address indexed previousOwner, address indexed newOwner);

    constructor() {
        _transferOwnership(_msgSender());
    }

    function owner() public view virtual returns (address) {
        return _owner;
    }

    modifier onlyOwner() {
        require(owner() == _msgSender(), "Ownable: caller is not the owner");
        _;
    }

    function renounceOwnership() public virtual onlyOwner {
        _transferOwnership(address(0));
    }

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


    function _transferOwnership(address newOwner) internal virtual {
        address oldOwner = _owner;
        _owner = newOwner;
        emit OwnershipTransferred(oldOwner, newOwner);
    }
}
```

Standard ownable contract

3. Contract TransferFee

```solidity
contract TransferFee {
  bytes4 private constant FACTORY_SELECTOR =
bytes4(keccak256(bytes('factory()')));
  event SetTransferFee(
    STransferFee transferFee
  );
...
  STransferFee private _transferFee;
  uint constant private DEMI = 100;
  function _setTransferFee(address to_, uint buyFee_, uint
sellFee_, uint normalFee_) internal{
    require(buyFee_ <= 30, "TransferFee: fee must be less or
equal 30%");
    require(sellFee_ <= 30, "TransferFee: fee must be less or
equal 30%");
    require(normalFee_ <= 30, "TransferFee: fee must be less or
equal 3%");
    _transferFee.to = to_;
    _transferFee.buy = buyFee_;
    _transferFee.sell = sellFee_;
    _transferFee.normal = normalFee_;
    emit SetTransferFee(_transferFee);
  }
...

  function _getTransferFeeTo() internal view returns (address){
    return _transferFee.to;
  }

  function transferFee() external view returns (STransferFee
memory){
    return _transferFee;
  }
}
```

The owner Cannot set fees over 30%

4. Contract CMOVE

```solidity
contract CMOVE is ERC20, Ownable, TransferFee,
ListingController {
    mapping(address => bool) private blackListedList;
    mapping(address => bool) private isExcludedFromFee;
    uint256 public maxAmount =  20 * 10**3 * 10**18;
    uint256 public swapTokensAtAmount = 10**3 * 10**18;
    …
  function addBlackList(address add) external onlyOwner {
      blackListedList[add] = true;
  }

  function addBlackLists(address[] calldata listAddress) external
onlyOwner {
      uint256 count = listAddress.length;
      for (uint256 i = 0; i < count; i++) {
        blackListedList[listAddress[i]] = true;
      }
  }

  function removeBlackList(address add) external onlyOwner {
      blackListedList[add] = false;
  }

  function removeBlackLists(address[] calldata listAddress)
external onlyOwner {
      uint256 count = listAddress.length;
      for (uint256 i = 0; i < count; i++) {
        blackListedList[listAddress[i]] = false;
      }
  }

  function setMaxAmount(uint256 _maxAmount) external
onlyOwner{
      require(_maxAmount > 200 * 10**3 * 10**18, "maxAmount
too small");
      maxAmount = _maxAmount;
  }
}
```
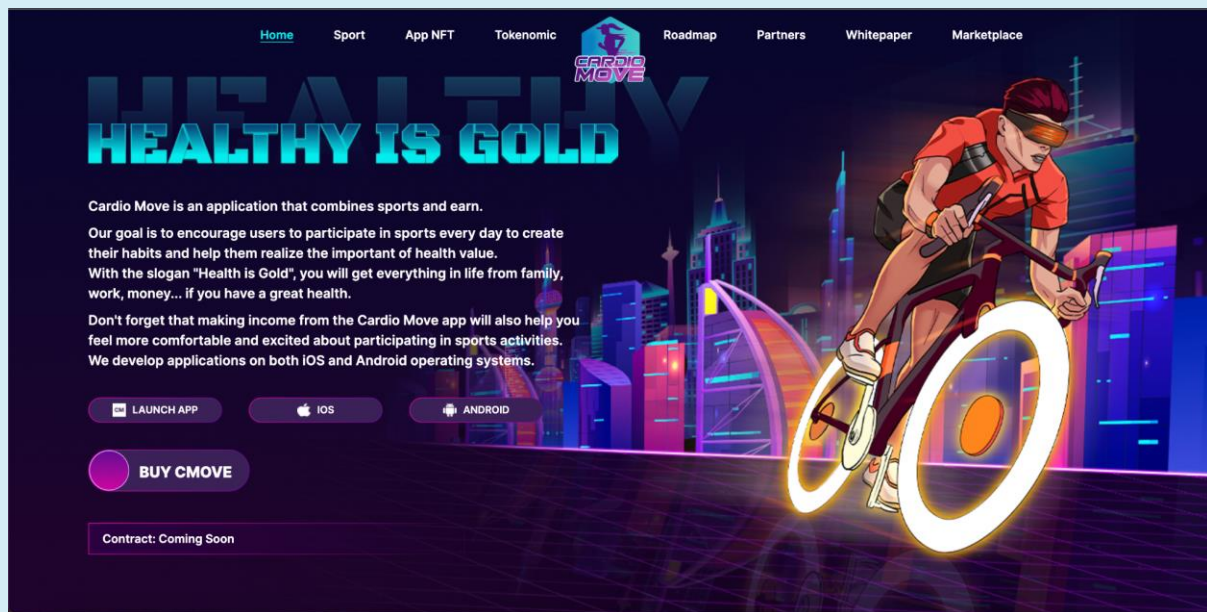
Owner Cannot set max transaction amount lower than 200,000

WEBSITE REVIEW

🟢 **Mobile Friendly**

🟢 **Contains no code error**

🟢 **SSL Secured (By Cloudflare SSL)**

Web-Tec stack: Vue js, jQuery, Cloudflare, Google Fonts

Domain .net - (Namesilo) - Tracked by whois

First Contentful Paint:	644ms
Fully Loaded Time	4.0s
Performance	97%
Accessibility	100%
Best Practices	75%
SEO	91%

RUG-PULL REVIEW

Based on the available information analyzed by us, we come to the following conclusions:

● Locked Liquidity (Locked by pinksale)

    (*Will be updated after DEX listing*)

● TOP 5 Holder.

    (*Will be updated after DEX listing*)

● **The team is not yet KYC.**

    (*Will be updated after team KYC*)

HONEYPOT REVIEW

● Ability to sell.

● The owner is not able to pause the contract.

● The owner cannot set tax fees over 30%.

● The owner Cannot set a max transaction amount lower than 200,000.

● The owner can blacklist.

Note: Please check the disclaimer above and note, that the audit makes no statements or warranties on the business model, investment attractiveness, or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.