



## SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



MyDefiCat  
\$MDC

26/03/2022

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

0x5Cfa274095786e4f03C58FD1341FE4cCBA878D48

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 26/03/2022



# 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't exclude an address from transactions**

**Contract owner can exclude/include wallet from tax**

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}
```

**Contract owner can exclude wallet from dividends**

```
function excludeFromDividends(address account) external onlyOwner {
    require(!excludedFromDividends[account]);
    excludedFromDividends[account] = true;

    _setBalance(account, 0);
    tokenHoldersMap.remove(account);

    emit ExcludeFromDividends(account);
}
```

**Contract owner can change swap settings**

```
function setSwapTokensAtAmount(uint256 value) external onlyOwner {
    swapTokensAtAmount = value;
}
```

**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 `_marketingAddress`, `_lpReceiver`, `_presaleAddress` and `_stakingPoolAddress` addresses

Current values:

```
_marketingAddress : 0x8d53d0120000913fbbb083740a05610fda8ab10d  
_lpReceiver : 0x8aaef420c83246af1737e46007451cf3144e3e73  
_presaleAddress : 0xae5a420338cef16232f7068f5fc6a3884593b8c3  
_stakingPoolAddress : 0x0000000000000000000000000000000000000000000000000000000000000000
```

```
function setMarketingAddress(address addr) external onlyOwner {  
    _marketingAddress = addr;  
}  
  
function setLpReceiver(address addr) external onlyOwner {  
    _lpReceiver = addr;  
}  
  
function setPresaleAddress(address addr) external onlyOwner {  
    _presaleAddress = addr;  
    dividendTracker.excludeFromDividends(addr);  
    excludeFromFees(addr, true);  
}  
  
function setStakingPoolAddress(address addr) external onlyOwner {  
    _stakingPoolAddress = addr;  
    dividendTracker.excludeFromDividends(addr);  
    excludeFromFees(addr, true);  
}
```



# 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: 10%

Sell fees: 10%

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



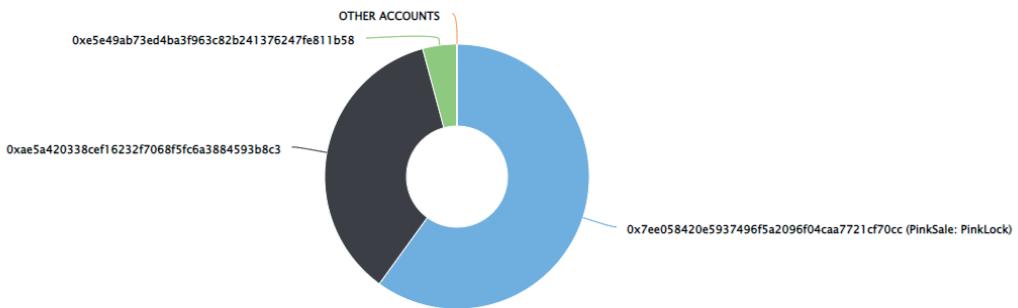
# MYDEFICAT TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000.00 Tokens) of MyDefiCat

Token Total Supply: 1,000,000.00 Token | Total Token Holders: 3

MyDefiCat Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	PinkSale: PinkLock	600,000	60.0000%
2	0xae5a420338cef16232f7068f5fc6a3884593b8c3	358,260	35.8260%
3	0xe5e49ab73ed4ba3f963c82b241376247fe811b58	41,740	4.1740%

# 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.

