



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



UFO naut Inu
\$UFI

08/03/2024

TOKEN OVERVIEW

Fees

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

Fees privileges

- Can't change fees

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can't change max tx amount and / or max wallet amount

Blacklist

- Blacklist function not detected

Other privileges

- Can exclude / include from fees
- Contract owner has the ability to modify the botTimer value to a significantly larger value
This scenario would render selling impossible for users

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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 **UFOonaut Inu** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x8DD6f84AfD99775e8749601eE51EACC0136839FD

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 **08/03/2024**



WEBSITE DIAGNOSTIC

<https://www.ufonautinu.com/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

<https://twitter.com/UFOonautInu>



Telegram

<https://t.me/UFOonautInuBsc>

AUDIT OVERVIEW



Security Score
HIGH RISK
Audit FAIL



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	Low
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 addresses from transactions
- Contract owner can set botTimer value to a significantly larger amount.

Since the function lacks additional checks, the contract owner could potentially set the botTimer value to a significantly larger amount, leading to the transformation of the token contract into a honeypot. This scenario would render selling impossible for users

```
function botTimer(uint256 _timer) public onlyOwner{
    bottimer = _timer;
}
```

- Contract owner must invoke the "launch" function to activate trading or add liquidity

Upon the successful conclusion of the presale on PinkSale, which automatically lists the liquidity pool (LP), the trading feature will become active

```
function launch() public onlyOwner {
    launchedAt = block.number;
    _hasLiqBeenAdded = true;
}

.
.
.

if(sniperProtection) {
    if(!_hasLiqBeenAdded) {
        if(_liquidityHolders[from] && to == uniswapV2Pair) {
            _hasLiqBeenAdded = true;
            launchedAt = block.number;
        } else if (to == uniswapV2Pair) {
            revert('Only approved liquidity holder can add liquidity for that token!');
        }
    } else {
        if(launchedAt > 0
            && (from == uniswapV2Pair || to == uniswapV2Pair)
            && !_liquidityHolders[from]
            && !_liquidityHolders[to]) {
            if(block.number - launchedAt < bottimer) {
                revert('Sniper caught! You cant buy while bottimer is active!');
            }
        }
    }
}
```

● Contract owner can change snipe settings

```
function changeSnipe(bool _snipe) external onlyOwner {
    sniperProtection = _snipe;
}
```

● Contract owner can initiate multiple transfers of specified amounts to a list of destination addresses

```
function multisend( address[] memory dests, uint256[] memory values) public onlyOwner returns (uint256) {
    uint256 i = 0;
    while (i < dests.length) {
        super._transfer(msg.sender , dests[i], values[i]);
        i += 1;
    }
    return(i);
}
```

● Contract owner has ability to retrieve UFI token held by the contract

```
function Sweep() external onlyOwner {
    uint256 balance = address(this).balance;
    payable(owner()).transfer(balance);
}
```

● 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 Wallet:	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



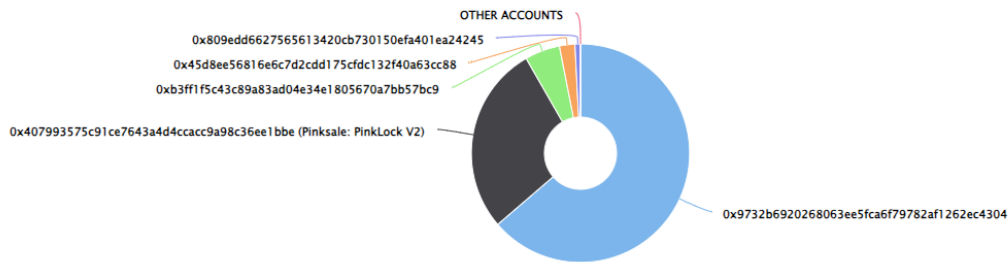
UFI TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (125,000,000.00 Tokens) of UFOnaut Inu

Token Total Supply: 125,000,000.00 Token | Total Token Holders: 5

UFOnaut Inu Top 10 Token Holders

Source: BscScan.com



(A total of 125,000,000.00 tokens held by the top 10 accounts from the total supply of 125,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x9732B692...262EC4304	79,640,000	63.7120%
2	Pinksale: PinkLock V2	35,000,000	28.0000%
3	0xb3ff1F5C...A7BB57Bc9	6,500,000	5.2000%
4	0x45D8EE56...40A63Cc88	2,860,000	2.2880%
5	0x809EDd66...01Ea24245	1,000,000	0.8000%

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.

