



## SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



UpgradePad  
\$UPAD



18/01/2022



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

0xDf2DEd0586e07A50ABb45dE6c3b3F536a7Cf9eE9

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 18/01/2022



# WEBSITE DIAGNOSTIC

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



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive  
Web App

## Metrics



First Contentful Paint

**2.2 s**



Time to interactive

**6.9 s**



Speed Index

**3.0 s**



Total Blocking Time

**205 ms**



Large Contentful Paint

**6.3 s**



Cumulative Layout Shift

**0.001**

# Website Improvements

---

**Reduce unused JavaScript**

---

**Reduce JavaScript execution time 1.4 s**

---

**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't exclude address from transactions.

Contract owner can exclude/include wallet from fees

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

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

Contract owner can change the fees

```
uint256 public maxTaxFee = 10;
uint256 public maxLiqFee = 10;

function setTaxFeePercent(uint256 taxFee) external onlyOwner() {
    require(taxFee >= 0 && taxFee <= maxTaxFee, "taxFee out of range");
    _taxFee = taxFee;
}

function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner() {
    require(liquidityFee >= 0 && liquidityFee <= maxLiqFee, "liquidityFee out of range");
    _liquidityFee = liquidityFee;
}
```

Contract owner can change max tx amount

```
uint256 public minMxTxPercentage = 50;

function setMaxTxPercent(uint256 maxTxPercent) external onlyOwner() {
    require(maxTxPercent >= minMxTxPercentage && maxTxPercent <= 100, "maxTxPercent out of range");
    _maxTxAmount = _tTotal.mul(maxTxPercent).div(
        10**2
    );
}
```

Contract owner can change swap settings

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

# 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:	9%
Sell fees:	9%
Max TX:	10000000000000000000000000000000
Max Sell:	10000000000000000000000000000000

## 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



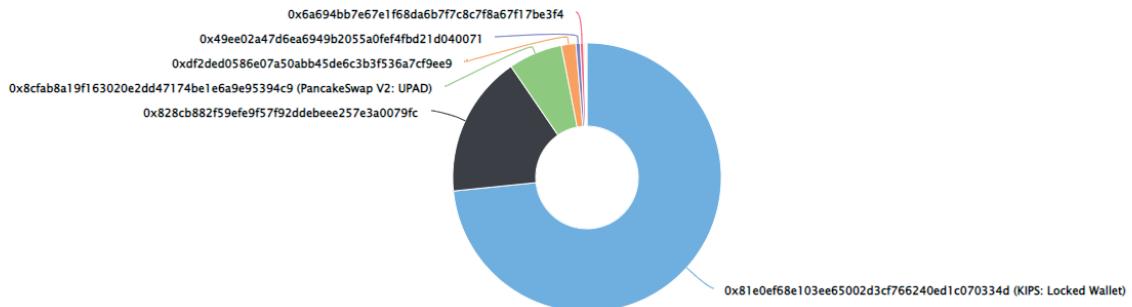
# UPGRADEPAD TOKEN DISTRIBUTION & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 99.90% (99,900,139.91 Tokens) of UpgradePad

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 18

UpgradePad Top 10 Token Holders

Source: BscScan.com



(A total of 99,900,139.91 tokens held by the top 10 accounts from the total supply of 100,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	[KIPS: Locked Wallet]	73,396,275.683392672587178138	73.3963%
2	0x828cb882f59efe9f57f92ddebeee257e3a0079fc	17,044,418.91425006202529612	17.0444%
3	[PancakeSwap V2: UPAD]	6,504,398.317085629017443366	6.5044%
4	0xdf2ded0586e07a50abb45de6c3b3f536a7cf9ee9	1,744,474.651037936942232649	1.7445%
5	0x49ee02a47d6ea6949b2055a0fef4fb21d040071	510,247.162416020560110385	0.5102%
6	0x6a694bb7e67e1f68da6b7f7c8c7f8a67f17be3f4	417,100.171555504809956373	0.4171%
7	0x5595b308e7ad6cca3d31afa63ba4af74d5f68597	151,296.652237966288383231	0.1513%
8	0x220a1c2f39588f02b5897a5fb50162a119709683	60,399.830891797578128065	0.0604%
9	0x4b67ad10a92cc84f26a426222435c1c4eea411b0	43,752.701108439827366476	0.0438%
10	0xe03ce6d98c19a3a0b58132396ad031616dc5f84a	27,775.822563062650929969	0.0278%

# 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.

