



Kirby



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Audited project: Kirby

Ticker: Kirby

Total supply: 10,000,000,000,000

Decimals: 5

Address contract: 0x6A1Ce0B1858D38CF1c0346d8471a3E1967bF5A1B

Compiler Version: v0.8.7+commit.e28d00a7

Optimization Enabled: No with 200 runs

Contract Deployer Address: 0x2651941cC6269431A7c291C09b025c3EE963f100

Project website: <https://www.kirbytoken.net/>

KYC: Security Network

Languages: Solidity (Smart contract)

Blockchain: Binance Smart Chain

Audit Team: SECURITY NETWORK

<https://securitynetwork.pro/>

Audit Date: August 04, 2022

SWC Attacks

| SWC ID | Title | Status |
|---------|---|--------|
| SWC-100 | Function Default Visibility | PASSED |
| SWC-101 | Integer Overflow and Underflow | PASSED |
| SWC-102 | Outdated Compiler Version | PASSED |
| SWC-103 | Floating Pragma | PASSED |
| SWC-104 | Unchecked Call Return Value | PASSED |
| SWC-105 | Unprotected Ether Withdrawal | PASSED |
| SWC-106 | Unprotected SELFDESTRUCT Instruction | PASSED |
| SWC-107 | Reentrancy | PASSED |
| SWC-108 | State Variable Default Visibility | PASSED |
| SWC-109 | Uninitialized Storage Pointer | PASSED |
| SWC-110 | Assert Violation | PASSED |
| SWC-111 | Use of Deprecated Solidity Functions | PASSED |
| SWC-112 | Delegatecall to Untrusted Callee | PASSED |
| SWC-113 | DoS with Failed Call | PASSED |
| SWC-114 | Transaction Order Dependence | PASSED |
| SWC-115 | Authorization through tx.origin | PASSED |
| SWC-116 | Block values as a proxy for time | PASSED |
| SWC-117 | Signature Malleability | PASSED |
| SWC-118 | Incorrect Constructor Name | PASSED |
| SWC-119 | Shadowing State Variables | PASSED |
| SWC-120 | Weak Sources of Randomness from Chain Attributes | PASSED |
| SWC-121 | Missing Protection against Signature Replay Attacks | PASSED |
| SWC-122 | Lack of Proper Signature Verification | PASSED |
| SWC-123 | Requirement Violation | PASSED |
| SWC-124 | Write to Arbitrary Storage Location | PASSED |
| SWC-125 | Incorrect Inheritance Order | PASSED |
| SWC-126 | Insufficient Gas Griefing | PASSED |
| SWC-127 | Arbitrary Jump with Function Type Variable | PASSED |
| SWC-128 | DoS With Block Gas Limit | PASSED |
| SWC-129 | Typographical Error | PASSED |
| SWC-130 | Right-To-Left-Override control character (U+202E) | PASSED |
| SWC-131 | Presence of unused variables | PASSED |
| SWC-132 | Unexpected Ether balance | PASSED |
| SWC-133 | Hash Collisions With Multiple Variable Length Arguments | PASSED |
| SWC-134 | Message call with hardcoded gas amount | PASSED |
| SWC-135 | Code With No Effects | PASSED |
| SWC-136 | Unencrypted Private Data On-Chain | PASSED |

Possible additional HIGH risks

| No | Issue description. | Status |
|----|--------------------------------------|--------|
| 1 | High fees | YES |
| 2 | Mint function | NO |
| 3 | Max Tx Amount | YES |
| 4 | Pause trading without limit | NO |
| 5 | Cooldown time for sell without limit | NO |
| 6 | Proxy | NO |
| 7 | Other risks | NO |

TOTAL

HIGH

2

MEDIUM

0

LOW

0

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Conclusion

OWNER CAN SET FEES WITHOUT LIMIT

```
function setBuyTaxes(uint256 newLiquidityTax, uint256 newMarketingTax, uint256 newTeamTax) external onlyOwner() {
    _buyLiquidityFee = newLiquidityTax;
    _buyMarketingFee = newMarketingTax;
    _buyTeamFee = newTeamTax;
    _totalTaxIfBuying = _buyLiquidityFee.add(_buyMarketingFee).add(_buyTeamFee);}
function setSellTaxes(uint256 newLiquidityTax, uint256 newMarketingTax, uint256 newTeamTax) external onlyOwner() {
    _sellLiquidityFee = newLiquidityTax;
    _sellMarketingFee = newMarketingTax;
    _sellTeamFee = newTeamTax;
    _totalTaxIfSelling = _sellLiquidityFee.add(_sellMarketingFee).add(_sellTeamFee);}
```

OWNER CAN SET MAX TX AMOUNT WITHOUT LIMIT

```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner() {
    _maxTxAmount = maxTxAmount;}
```

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