



# Peter Rabbit



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**Audited project: Peter Rabbit**

**Ticker: Peter Rabbit**

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

**Decimals: 18**

**Address contract: 0x4a47F4f447A92FFAa17339Daa9D3b72b41bF87f6**

**Compiler Version: v0.8.17+commit.8df45f5f**

**Optimization Enabled: Yes with 200 runs**

**Contract Deployer Address: 0xf5B55E4771FBc00Ac5A5722c24FDc6B3AB1a2BF7**

**Project website: <https://www.peterrabbit.top/>**

**KYC: Yes**

**Languages: Solidity (Smart contract)**

**Blockchain: Binance Smart Chain**

**Audit Team: SECURITY NETWORK**

**<https://securitynetwork.pro/>**

**Audit Date: January 11, 2023**

# 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SWC-102	Outdated Compiler Version	PASSED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	NO
4	Pause trading without limit	NO
5	Cooldown time for sell without limit	NO
6	Proxy	NO
7	Other risks	YES

**TOTAL**

**HIGH**

**2**

**MEDIUM**

**0**

**LOW**

**0**

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# Conclusion

## Owner can set fees up to 100%

```
function setBuyFee(uint256 holdDividendFee, uint256 fundFee, uint256 lpFee) public onlyOwner {
    _buyHoldDividendFee = holdDividendFee;
    _buyFundFee = fundFee;
    _buyLPFee = lpFee; }

function setSellFee(uint256 holdDividendFee, uint256 fundFee, uint256 lpFee) public onlyOwner {
    _sellHoldDividendFee = holdDividendFee;
    _sellFundFee = fundFee;
    _sellLPFee = lpFee; }

function setTransferFee(uint256 fee) public onlyOwner {
    _transferFee = fee; }
```

## Owner can set blacklist

```
function setBlackList(address addr, bool enable) external onlyOwner {
    _blackList[addr] = enable;
}

function batchSetBlackList(address[]memory addr, bool enable) external onlyOwner {
    uint256 len = addr.length;
    for (uint256 i; i < len; ++i) {
        _blackList[addr[i]] = enable;    } } }
```

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