



# Advanced Manual Smart Contract Audit



**Project:** Goldcat

**Website:** <http://www.goldcat.vip>

**Low-risk**

4 low-risk code  
issues found

**Medium-risk**

0 medium-risk code  
issues found

**High-risk**

0 high-risk code  
issues found

**Contract address**

0x94C168468C2Ac83073fb1794A66992E4F41EE7bb

Disclaimer: Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

# Disclaimer

Coinsult is not responsible if a project turns out to be a scam, rug-pull or honeypot. We only provide a detailed analysis for your own research.

Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

The information provided in this audit is for informational purposes only and should not be considered investment advice. Coinsult does not endorse, recommend, support or suggest to invest in any project.

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# Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	0xc2d238c8bbc004b26f1ecd89e8c969737cb4afd0	1,000,000,000,000	100.0000%

# Source code

Coinsult was commissioned by Goldcat to perform an audit based on the following smart contract:

<https://bscscan.com/address/0x94C168468C2Ac83073fb1794A66992E4F41EE7bb#code>

# Manual Code Review

## ● Low-risk

4 low-risk code issues found.

Could be fixed, will not bring problems.

- Usage of block.timestamp. block.timestamp can be manipulated by miners

Recommendation: Avoid relying on block.timestamp.

```
uniswapV2Router.swapExactTokensForETHSupportingFeeOnTransferTokens (
    tokenAmount,
    0, // accept any amount of ETH
    path,
    recipient,
    block.timestamp
);
```

- Contract contains Reentrancy vulnerabilities:  
\_transfer(address,address,uint256)

Additional information: This combination increases risk of malicious intent. While it may be justified by some complex mechanics (e.g. rebase, reflections, buyback).

More information: [Slither](#)

```
function _transfer(address from, address to, uint256 amount)
internal override {
    require(!_isBlacklist[from] && !_isBlacklist[to] , "is bot
address ");
    require(from != address(0), "ERC20: transfer from the zero
address");
    require(to != address(0), "ERC20: transfer to the zero
address");
    require(amount > 0, "Transfer amount must be greater than
zero");

    // i ndicates if fee should be deducted from transfer
    bool takeFee = false;
```



- No zero address validation

Check that the new address is not the zero address

```
function setTradingPairs(address pair, uint8 _enabled) public  
onlyOwner {  
    _tradingPairs[pair] = _enabled == 1;  
}
```

- Use of literals with too many digits.
  - Recommended Use, Ether suffix, Time suffix, or The scientific notation

```
_totalSupply = 10000000000000 * 10**decimals();
```

## ● Medium-risk

0 medium-risk code issues found.

Should be fixed, could bring problems.

## ● High-risk

0 high-risk code issues found

Must be fixed, and will bring problems.

## Extra notes by the team

### ● Owner can blacklist

```
function setBlacklist(address bot, uint8 _enabled) external
onlyOwner {
    _isBlacklist[bot] = _enabled == 1;
}

function setBulkBlacklist(address[] memory bots, uint8 _enabled)
external onlyOwner {
    for(uint256 i; i < bots.length; i++){
        _isBlacklist[bots[i]] = _enabled == 1;
    }
}
```

### ● Owner can change the fees without a limit

```
function setTaxes(uint256 recovery, uint256 marketing, uint256
liquify) public onlyOwner {
    recoveryTaxes = recovery;
    marketingTaxes = marketing;
    liquifyTaxes = liquify;
    totalTaxes = (recoveryTaxes + liquifyTaxes + marketingTaxes);
}
```

### ● Owner can pause trading

```
function setTradingEnabled(uint8 _enabled) public onlyOwner {
    tradingEnabled = _enabled == 1;
}
```

### ● Ownership is not renounced

### ● Owner can exclude from fees

```
function setExcludedFee(address account, uint8 _enabled) public
onlyOwner {
    _isExcludedFee[account] = _enabled == 1;
}
```

# Contract Snapshot

```
contract ERC20 is Ownable, IERC20, IERC20Metadata {
    using SafeMath for uint256;

    address constant public deadAddress =
0x0000000000000000000000000000000000000000000000000000000000000000dEaD;

    string private _name;
    string private _symbol;
    uint256 internal _totalSupply;

    mapping (address => uint256) internal _balances;
    mapping (address => mapping (address => uint256)) internal
_allowances;

    constructor(string memory name_, string memory symbol_) {
        _name = name_;
        _symbol = symbol_;
    }

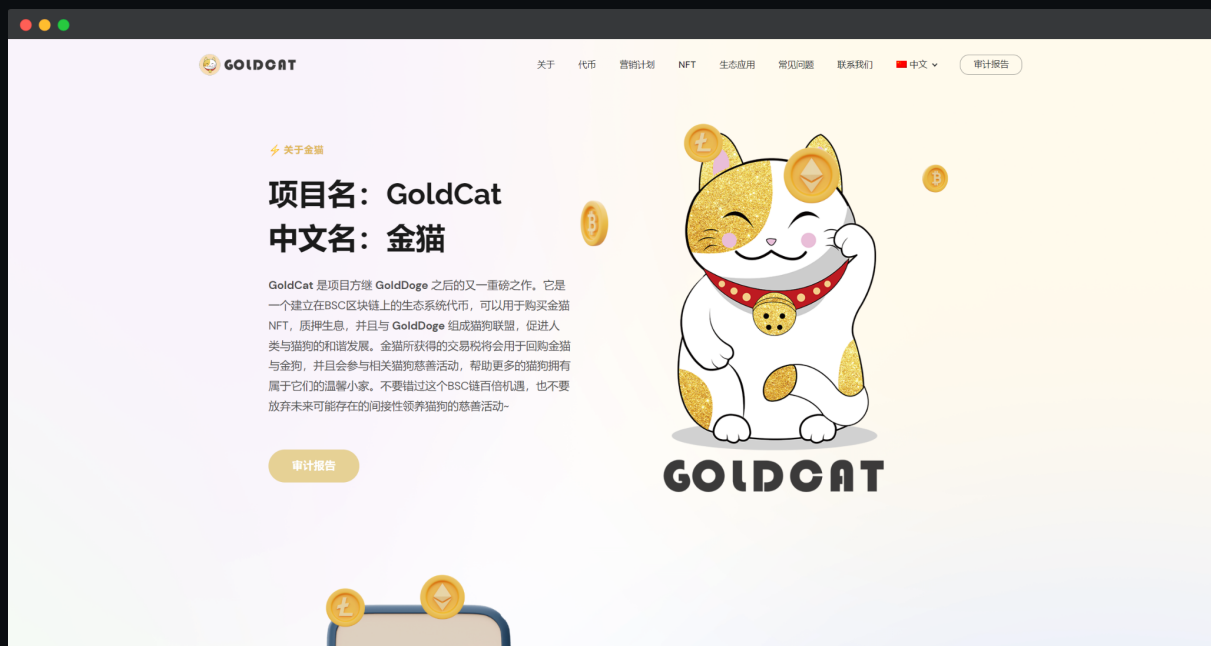
    // IERC20Metadata
    function name() public view override returns(string memory) {
        return _name;
    }

    function symbol() public view override returns (string memory) {
        return _symbol;
    }

    function decimals() public pure override returns (uint8) {
        return 18;
    }

    function totalSupply() public view override returns(uint256) {
        return _totalSupply;
    }
}
```

# Website Review



Coinsult checks the website completely manually and looks for visual, technical and textual errors. We also look at the security, speed and accessibility of the website. In short, a complete check to see if the website meets the current standard of the web development industry.

- Mobile Friendly
- Contains no jQuery errors
- Not SSL Secured
- No major spelling errors

Loading speed: 85%



# Rug-pull Review

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity (no liquidity yet)
- Large unlocked wallets
  - Note: Tokens not distributed yet
- No doxxed Team

# Honeypot Review

Based on the available information analyzed by us, we come to the following conclusions:

- Ability to sell
- Owner is able to pause the contract
- Router can be changed

**Note:** Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.