Coinsult

Advanced Manual
Smart Contract Audit

Project: GoldDoge
Website: http://golddoge.top

🟢 **Low-risk**
5 low-risk code issues found

🟡 **Medium-risk**
0 medium-risk code issues found

🔴 **High-risk**
0 high-risk code issues found

Contract address
0x0985a96D489b184BE05Fd13e017365e4E1d87395

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

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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.

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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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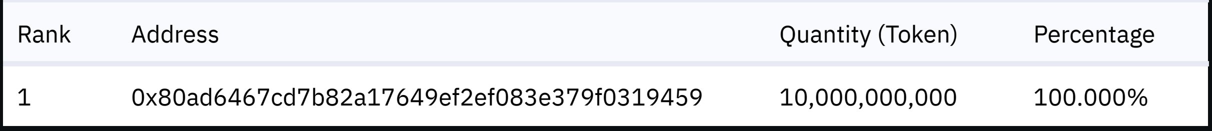
Tokenomics



Rank	Address	Quantity (Token)	Percentage
1	0x80ad6467cd7b82a17649ef2ef083e379f0319459	10,000,000,000	100.000%

Source code

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

https://bscscan.com/address/0x0985a96D489b184BE05Fd13e017365e4E1d87395#code

Manual Code Review

● Low-risk

5 low-risk code issues found.
Could be fixed, will not bring problems.

- Contract contains Reentrancy vulnerabilities:
  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 sender,
        address recipient,
        uint256 amount
    ) internal virtual {
        require(sender != address(0), "ERC20: transfer from the zero
address");
        require(recipient != address(0), "ERC20: transfer to the zero
address");

        _beforeTokenTransfer(sender, recipient, amount);

         _transferToken(sender,recipient,amount);
    }
```

- Calls inside a loop might lead to a denial-of-service attack.
  _splitOtherToken() (#1233-1280) has external calls inside a loop:
  doge.transfer(user,thisAmount.mul(rate).div(10000))
-

```
                    for(uint256 i=0;i<10;i++){
                        user = buyUser[startIndex+i];
                        if(balanceOf(user) >= 10**19){
                            rate =
balanceOf(user).mul(10000).div(totalAmount);
                            if(rate>0){

doge.transfer(user,thisAmount.mul(rate).div(10000));
```

- Avoid relying on block.timestamp
  block.timestamp can be manipulated by miners.

```
        // make the swap

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

- Uninitialized state variable `startTime`
  Initialize all the variables. If a variable is meant to be initialized to zero, explicitly set it to zero to improve code readability.

```
    function isIn3minter() public view returns (bool) {
        return startTime.add(180) > block.timestamp;
    }
```

- Potential unintentional commented code
  If this was intentional, preferably remove the function or uncomment this function if you need it.

```
    function swapAndLiquifyV3(uint256 contractTokenBalance) public {
        swapTokensForOther(contractTokenBalance);
        //_splitOtherToken();
    }
```

🟡 Medium-risk

0 medium-risk code issues found.
Should be fixed, could bring problems.

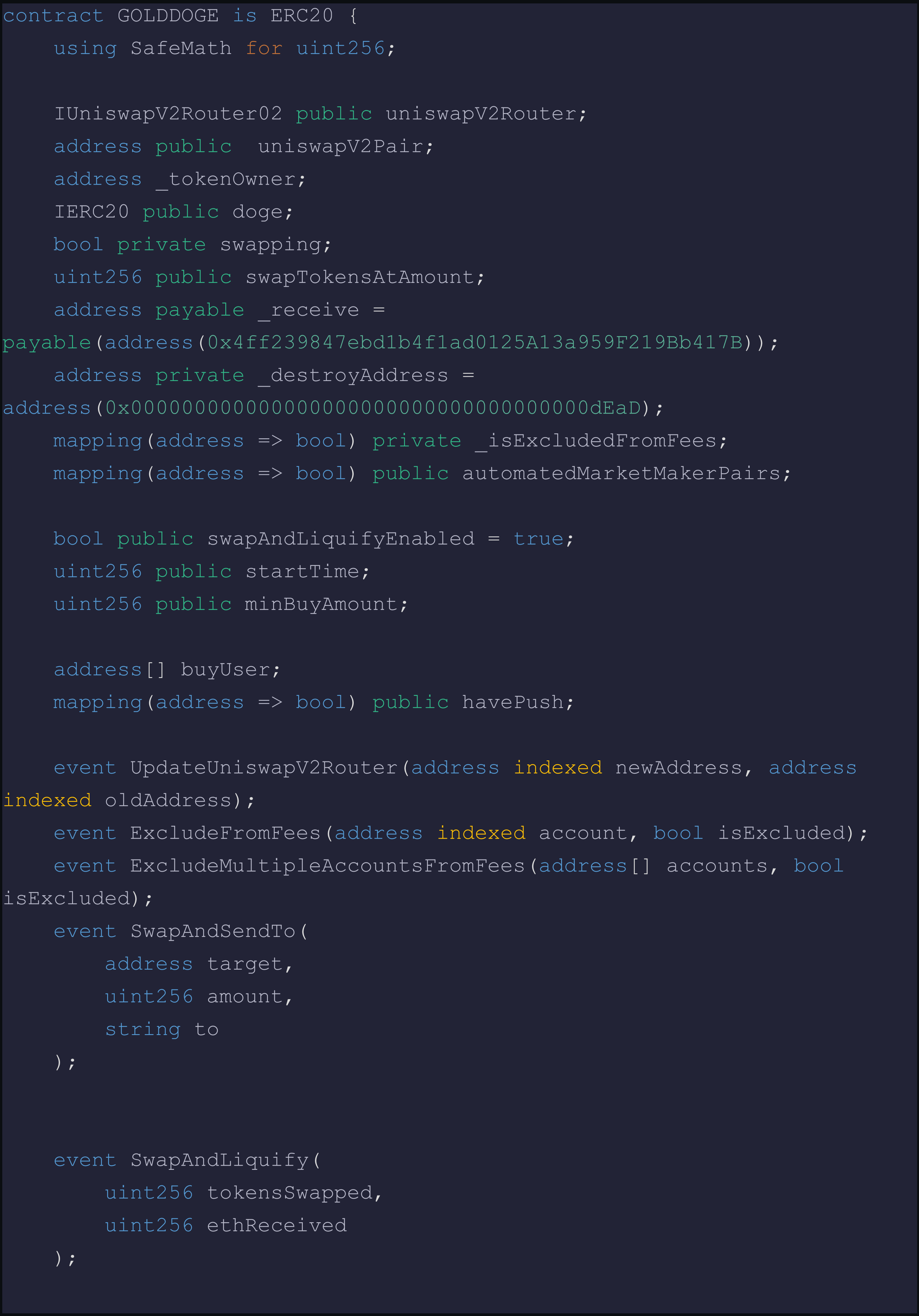
🔴 High-risk

0 high-risk code issues found
Must be fixed, and will bring problems.

Extra notes by the team

- Dev notes can be deleted upon deployment
- The ownership of the contract isn’t renounced.
- Owner can exclude addresses from fees.
- Owner can set a max transaction amount.

Contract Snapshot



```
contract GOLDDOGE is ERC20 {
    using SafeMath for uint256;

    IUniswapV2Router02 public uniswapV2Router;
    address public  uniswapV2Pair;
    address _tokenOwner;
    IERC20 public doge;
    bool private swapping;
    uint256 public swapTokensAtAmount;
    address payable _receive =
payable(address(0x4ff239847ebd1b4f1ad0125A13a959F219Bb417B));
    address private _destroyAddress =
address(0x000000000000000000000000000000000000dEaD);
    mapping(address => bool) private _isExcludedFromFees;
    mapping(address => bool) public automatedMarketMakerPairs;

    bool public swapAndLiquifyEnabled = true;
    uint256 public startTime;
    uint256 public minBuyAmount;

    address[] buyUser;
    mapping(address => bool) public havePush;

    event UpdateUniswapV2Router(address indexed newAddress, address
indexed oldAddress);
    event ExcludeFromFees(address indexed account, bool isExcluded);
    event ExcludeMultipleAccountsFromFees(address[] accounts, bool
isExcluded);
    event SwapAndSendTo(
        address target,
        uint256 amount,
        string to
    );


    event SwapAndLiquify(
        uint256 tokensSwapped,
        uint256 ethReceived
    );
```

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
🟢 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 not able to pause the contract

- Note: Owner can blacklist

🟢 Router hard coded in the contract

`0x10ED43C718714eb63d5aA57B78B54704E256024E`

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.