



Coinsult

Advanced Manual Smart Contract Audit



Project: Zerod

Website: <https://www.zerodis.net/>

Low-risk

3 low-risk code
issues found

Medium-risk

0 medium-risk code
issues found

High-risk

0 high-risk code
issues found

Contract address

0xb9d25f9264dDE4B7576718De8218c9998629b14a

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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Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	0xb6d187bd38903e08d406896f9f38f6ac1900872f	500,000,000	100.000%

Source code

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

<https://bscscan.com/address/0xb9d25f9264dDE4B7576718De8218c9998629b14a#code>

Manual Code Review

● Low-risk

3 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) private
returns (bool) {

    require(sender != address(0), "ERC20: transfer from the zero address");
    require(recipient != address(0), "ERC20: transfer to the zero address");

    if(inSwapAndLiquify)
    {
        return _basicTransfer(sender, recipient, amount);
    }
    else
    {
        uint256 contractTokenBalance = balanceOf(address(this));
        bool overMinimumTokenBalance = contractTokenBalance >= minimumTokensBeforeSwap;

        if (overMinimumTokenBalance && !inSwapAndLiquify && !isMarketPair[sender] &&
swapAndLiquifyEnabled)
        {
            if(swapAndLiquifyBySmallOnly)
                contractTokenBalance = minimumTokensBeforeSwap;
            swapAndLiquify(contractTokenBalance);
        }

        _balances[sender] = _balances[sender].sub(amount, "Insufficient Balance");
        uint256 finalAmount;
        if (isExcludedFromCut[sender] || isExcludedFromCut[recipient]) {
            finalAmount = amount;
        } else {
            require(nowIsEatingCake);
            finalAmount = takeFee(sender, recipient, amount);
        }
        _balances[recipient] = _balances[recipient].add(finalAmount);

        emit Transfer(sender, recipient, finalAmount);
        return true;
    }
}
```

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

```
function swapTokensForEth(uint256 tokenAmount) private {
    address[] memory path = new address[](2);
    path[0] = address(this);
    path[1] = uniswapV2Router.WETH();

    _approve(address(this), address(uniswapV2Router), tokenAmount);

    uniswapV2Router.swapExactTokensForETHSupportingFeeOnTransferTokens(
        tokenAmount,
        0,
        path,
        address(this),
        block.timestamp
    );

    emit SwapTokensForETH(tokenAmount, path);
}
```

- Missing zero address validation
Check that the new address is not the zero address.

```
function setdoYouLikeCake(address newAddress) external
onlyOwner() {
    doYouLikeCake = payable(newAddress);
}
```

● 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

- Fees can be set up to 100% for both buy and sell fees.
- Owner can disable swap and liquify
- Owner can exclude addresses from fees.
- The ownership of the contract isn't renounced.

Contract Snapshot

```
contract BEP20 is Context, IERC20, Ownable {

    using SafeMath for uint256;
    using Address for address;

    string private _name;
    string private _symbol;
    uint8 private _decimals;

    address payable public doYouLikeCake;
    address payable public iLikeCake;
    address public immutable deadAddress =
0x0000000000000000000000000000000000000000000000000000000000000000dEaD;

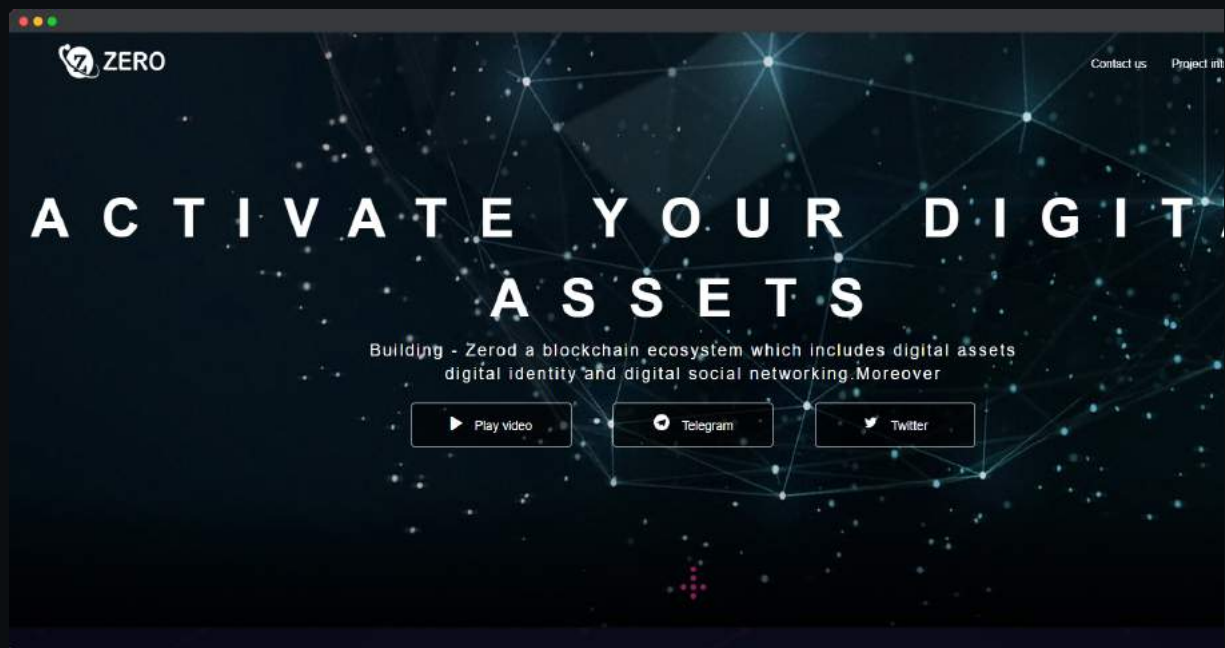
    mapping (address => uint256) _balances;
    mapping (address => mapping (address => uint256)) private
_allowances;

    bool    public nowIsEatingCake = false;

    mapping (address => bool) public isExcludedFromCut;
    mapping (address => bool) public isMarketPair;

    uint256 public _buyLiquidityFee;
    uint256 public _buyMarketingFee;
    uint256 public _buyTeamFee;
```

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

Note: Multiple loading errors inside console.

Loading speed: 59%

Rug-pull Review

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

● Locked Liquidity

- Note: No liquidity yet

● Large unlocked wallets

- Note: Tokens not yet distributed

● 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 cannot 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.