



Coinsult

Advanced Manual Smart Contract Audit



Project: Bitzen

Website: <https://bitzen.space/>

Low-Risk

2 low-risk code
issues found

Medium-Risk

0 medium-risk code
issues found

High-Risk

0 high-risk code
issues found

Contract Address

0xdacc0417add48b63cbefb77efbe4a3801aad51ba

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.

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Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	Bitzen Space: Deployer	1,000,000,000	100.0000%

Source Code

Coinsult was comissioned by Bitzen to perform an audit based on the following smart contract:

<https://bscscan.com/address/0xdacc0417add48b63cbefb77efbe4a3801aad51ba#code>

Manual Code Review

In this audit report we will highlight all these issues:

Low-Risk

2 low-risk code
issues found

Medium-Risk

0 medium-risk code
issues found

High-Risk

0 high-risk code
issues found

The detailed report continues on the next page...

● **Low-Risk:** Could be fixed, will not bring problems.

Too many digits

Literals with many digits are difficult to read and review.

```
_totalSupply = 1000000000 * 10**9 ;
```

Recommendation

Use: Ether suffix, Time suffix, or The scientific notation

Exploit scenario

```
contract MyContract{  
    uint 1_ether = 1000000000000000000;  
}
```

While 1_ether looks like 1 ether, it is 10 ether. As a result, it's likely to be used incorrectly.

● **Low-Risk:** Could be fixed, will not bring problems.

Redundant Statements

Detect the usage of redundant statements that have no effect.

```
function _msgData() internal view virtual returns (bytes memory) {  
    this; // silence state mutability warning without generating bytecode - see https://github.com/ethereum/solidity/issues/2318  
    return msg.data;  
}
```

Recommendation

Remove redundant statements if they congest code but offer no value.

Exploit scenario

```
contract RedundantStatementsContract {  
  
    constructor() public {  
        uint; // Elementary Type Name  
        bool; // Elementary Type Name  
        RedundantStatementsContract; // Identifier  
    }  
  
    function test() public returns (uint) {  
        uint; // Elementary Type Name  
        assert; // Identifier  
        test; // Identifier  
        return 777;  
    }  
}
```

Each commented line references types/identifiers, but performs no action with them, so no code will be generated for such statements and they can be removed.

Owner privileges

- Owner cannot set fees higher than 25%
- Owner cannot pause trading
- Owner cannot change max transaction amount

Extra notes by the team

This smart contract does not contain a mint function and consists of zero fees.

Contract Snapshot

```
contract BITZEN is Context, IBEP20 {
    using SafeMath for uint256;

    mapping (address => uint256) private _balances;

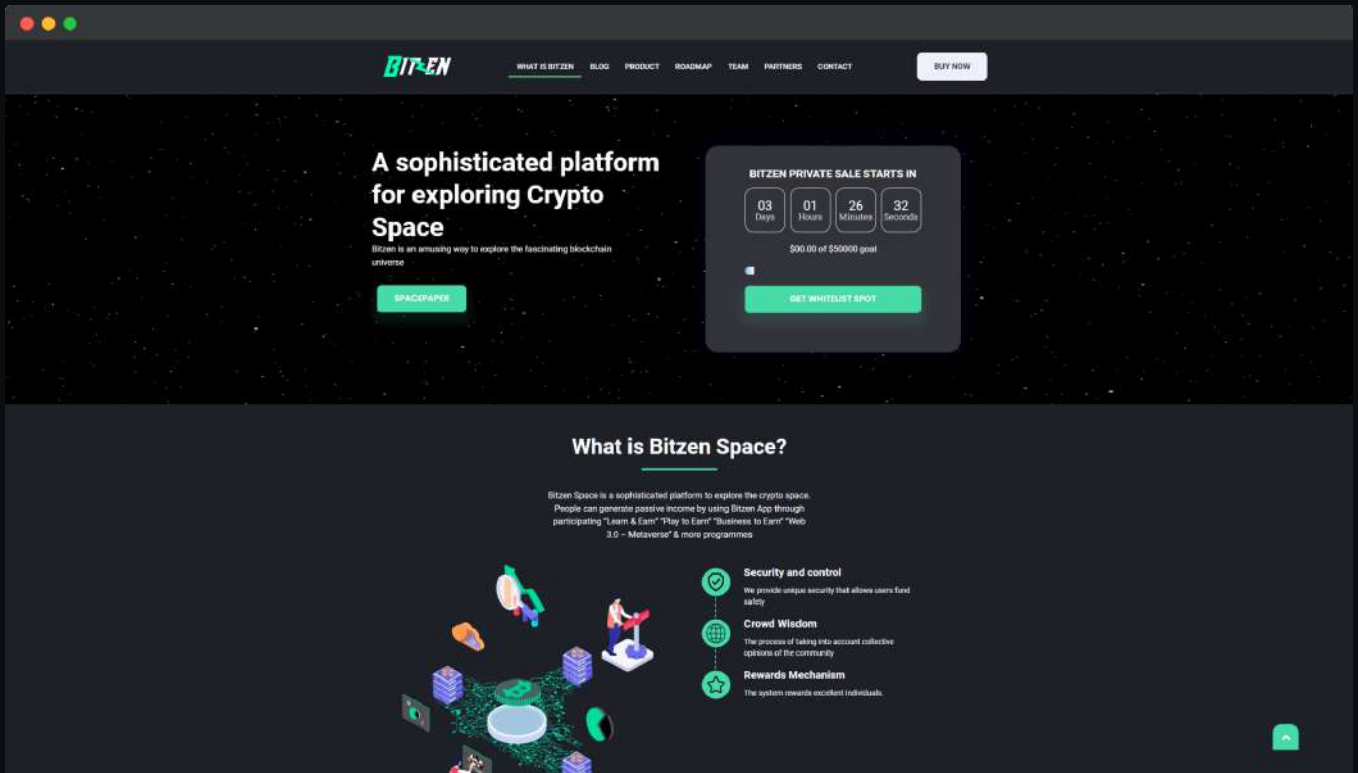
    mapping (address => mapping (address => uint256)) private _allowances;

    uint256 private _totalSupply;

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

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
- Does not contain jQuery errors
- SSL Secured
- No major spelling errors

Project Overview

● Not KYC verified by Coinsult

Bitzen

Audited by Coinsult.net



Date: 28 August 2022

✓ Advanced Manual Smart Contract Audit