



BlockSAFU

ADVANCE MANUAL SMART CONTRACT AUDIT



Project: BITACCESS

Website: bitaccess.limited



BlockSAFU Score: 82

Contract Address:

0x18E0Eb1F63f3b1482bB9a627C97f295e7DFCe734

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

DISCLAIMER

BlockSAFU has completed this report to provide a summary of the Smart Contract functions, and any security, dependency, or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as of this report's date. To understand the full scope of our analysis, it is vital for you to at the date of this report. To understand the full scope of our analysis, you need to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against BlockSAFU or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

BlockSAFU (BSAFU) is an Anti-Scam Token Utility that reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFU's Development Team consists of several Smart Contract creators, Auditors Developers, and Blockchain experts. BlockSAFU provides solutions, prevents, and hunts down scammers. BSAFU is a utility token with features Audit, KYC, Token Generators, and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by BITACCESS to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (<https://blocksafu.com/>)


SMART CONTRACT REVIEW

Token Name	BITACCESS
Token Symbol	BTA
Token Decimal	9
Total Supply	980,000,000,000,000 BTA
Contract Address	0x18E0Eb1F63f3b1482bB9a627C97f295e7DFCe734
Deployer Address	0x391Fc880940376A5Ea021DC6DDE22191f2a91383
Owner Address	0x391Fc880940376A5Ea021DC6DDE22191f2a91383
Tax Fees Buy	11%
Tax Fees Sell	11%
Gas Used for Buy	<i>will be updated after the DEX listing</i>
Gas Used for Sell	<i>will be updated after the DEX listing</i>
Contract Created	Jun-19-2022 08:02:05 AM +UTC
Initial Liquidity	<i>will be updated after the DEX listing</i>
Liquidity Status	Locked
Unlocked Date	<i>will be updated after the DEX listing</i>
Verified CA	Yes
Compiler	v0.8.4+commit.c7e474f2
Optimization	Enable with 200 runs
Sol License	MIT License
Top 5 Holders	<i>will be updated after the DEX listing</i>
Other	default evmVersion

TAX

BUY	11%	SELL	11%
Marketing Fee	2%	Marketing Fee	2%
Liquidity Fee	4%	Liquidity Fee	4%
Reflection Fee	5%	Reflection Fee	5%

TOP HOLDER

Rank	Address	Quantity	Percentage	Analytics
1	0x391fc880940376a5ea021dc6dde22191f2a91383	980,000,000,000,000	<u>100.0000%</u>	

[Download [CSV Export](#)]

Team Review

The BITACCESS team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 469 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: <https://www.bitaccess.limited>

Telegram Group: <https://t.me/Bitaccess5>

Twitter: <https://twitter.com/Bitaccess11>

MANUAL CODE REVIEW

● Minor-risk

1 minor-risk code issue found

Could be fixed, and will not bring problems.

1. The return value of an external transfer/transferFrom return value is checked.
Recommendation: use SafeERC20, or ensure that the transfer/transferFrom return value is checked

```
function transferFrom(  
    address sender,  
    address recipient,  
    uint256 amount  
) external returns (bool);
```

● 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 problem.

● Critical-Risk

0 critical-risk code issues found

Must be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

IERC20

```
interface IERC20 {  
    /**  
     * @dev Returns the number of tokens in existence.  
     */  
    function totalSupply() external view returns (uint256);  
    ...  
    function balanceOf(address account) external view returns (uint256);  
    ...  
    function transfer(address recipient, uint256 amount) external returns (bool);  
    ...  
    function allowance(address owner, address spender) external view returns (uint256);  
    ...  
    function approve(address spender, uint256 amount) external returns (bool);  
    ...  
    function transferFrom(  
        address sender,  
        address recipient,  
        uint256 amount  
    ) external returns (bool);  
  
    /**  
     * @dev Emitted when `value` tokens are moved from one account (`from`) to  
     * another (`to`).  
     *  
     * Note that `value` may be zero.  
     */  
    event Transfer(address indexed from, address indexed to, uint256 value);  
    ...  
}
```

IERC20 Normal Base Template

2. SafeMath Contract

```
library SafeMath {
    /**
     * @dev Returns the addition of two unsigned integers, with an overflow flag.
     *
     * _Available since v3.4._
     */
    function tryAdd(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            uint256 c = a + b;
            if (c < a) return (false, 0);
            return (true, c);
        }
    }

    /**
     * @dev Returns the subtraction of two unsigned integers, with an overflow
    flag.
     *
     * _Available since v3.4._
     */
    function trySub(uint256 a, uint256 b) internal pure returns (bool, uint256) {
        unchecked {
            if (b > a) return (false, 0);
            return (true, a - b);
        }
    }

    ...
    function mod(
        uint256 a,
        uint256 b,
        string memory errorMessage
    ) internal pure returns (uint256) {
        unchecked {
            require(b > 0, errorMessage);
            return a % b;
        }
    }
}
```

Standard Safemath contract

3. Contract BITACCESS

```
contract LiquidityGeneratorToken is IERC20, Ownable, BaseToken
{
    ...
    uint256 public _taxFee;
    uint256 private _previousTaxFee = _taxFee;

    uint256 public _liquidityFee;
    uint256 private _previousLiquidityFee = _liquidityFee;

    uint256 public _charityFee;
    uint256 private _previousCharityFee = _charityFee;
    ...
    function setTaxFeePercent(uint256 taxFeeBps) external
    onlyOwner {
        _taxFee = taxFeeBps;
        require(
            _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
            "Total fee is over 25%"
        );
    }

    function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
    {
        _liquidityFee = liquidityFeeBps;
        require(
            _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
            "Total fee is over 25%"
        );
    }
    ...
}
```

BITACCESS Contract

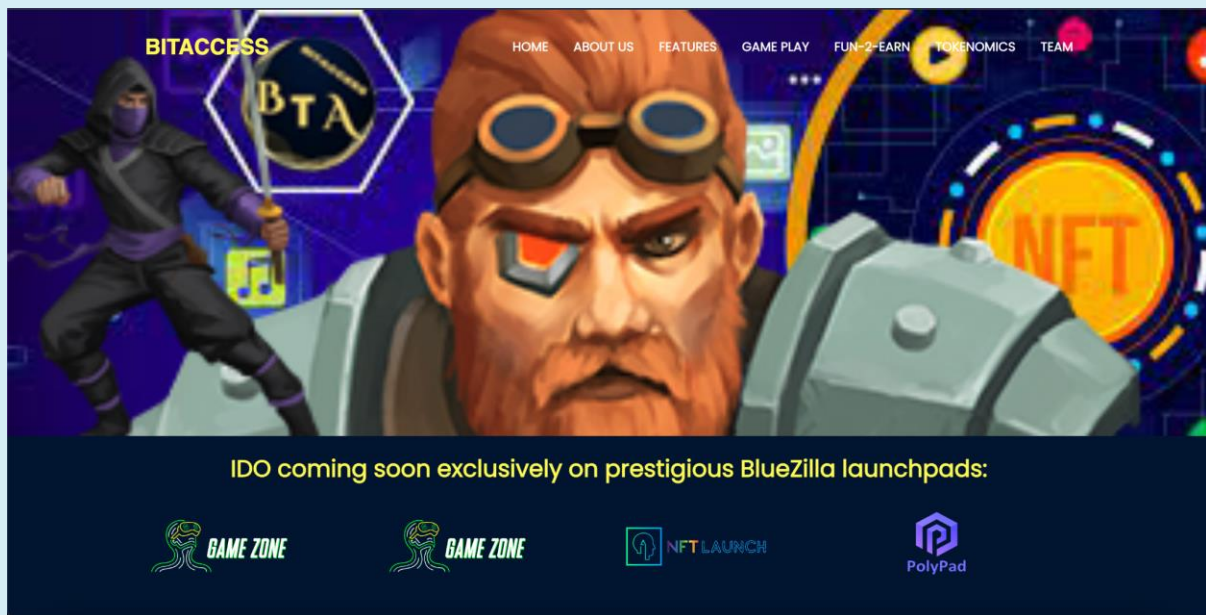
```
function setTaxFeePercent(uint256 taxFeeBps) external
  onlyOwner {
    _taxFee = taxFeeBps;
    require(
      _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
      "Total fee is over 25%"
    );
  }
```

The owner cannot set a Tax fee (reflection fee) over 25%

```
function setLiquidityFeePercent(uint256 liquidityFeeBps)
  external
  onlyOwner
{
  _liquidityFee = liquidityFeeBps;
  require(
    _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
    "Total fee is over 25%"
  );
}
```

The owner cannot set a Liquidity fee over 25%

WEBSITE REVIEW



- **Mobile Friendly**
- **Contains no code error**
- **SSL Secured (By Setigo SSL)**

Web-Tech stack: Bootstrap, jQuery, sectigo

Domain .limited (NameCheap) - Tracked by whois

First Contentful Paint:	507ms
Fully Loaded Time	1.7s
Performance	71
Accessibility	86
Best Practices	83
SEO	70

RUG-PULL REVIEW

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

- Locked Liquidity (Locked by pinksale)

(Will be updated after DEX listing)

- TOP 5 Holder.

(Will be updated after DEX listing)

- **The team is Not KYC.**

(Will be updated after KYC)

HONEYPOT REVIEW

- Ability to sell.
- The owner is not able to pause the contract.
- The owner can change the fee, but can't set a fee over 25% for the Reflection Fee and 25% for the Liquidity fee.

Note: Please check the disclaimer above and note, that the audit makes no statements or warranties on the 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.