

ADVANCE MANUAL SMART CONTRACT AUDIT



Project: StrayKats

Website: straykats.io



BlockSAFU Score: 79

Contract Address:

0xd509c2c09c08BbEf6Ab4f9E13aB81d661Aa009dA

Disclamer: BlockSAFU is not responsible for any financial losses.

Nothing in this contract audit is financial advice, please do your own reasearch.

DISCLAMER

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 at the date of this report. In order to understand the full scope of our analysis, it is vital for you to at the date of this report. In order to understand the full scope of our analysis, it is vital for you 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 own 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.

By perusing this report or any portion of it, you concur to the terms of this disclaimer. In the unlikely situation where you do not concur to the terms, you should immediately terminate reading this report, and erase and discard any and all duplicates of this report downloaded and/or printed by you. This report is given for data purposes as it were and on a non-reliance premise, and does not constitute speculation counsel. No one should have any right to depend on the report or its substance, and BlockSAFU and its members (including holding companies, shareholders, backups, representatives, chiefs, officers and other agents) BlockSAFU and its subsidiaries owe no obligation of care towards you or any other person, nor does BlockSAFU make any guarantee or representation to any individual on the precision or completeness of the report.

ABOUT THE AUDITOR:

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

OVERVIEW

BlockSAFU was commissioned by StrayKats Token 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.

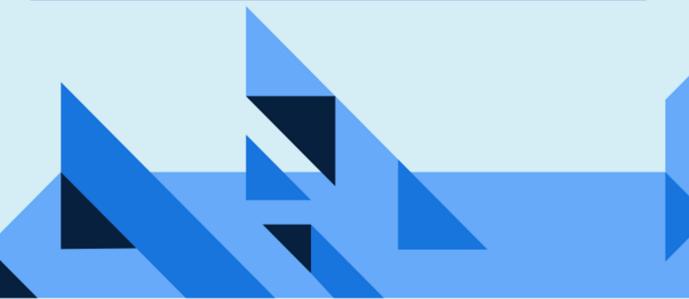
DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (https://blocksafu.com/)

SMART CONTRACT REVIEW

Token Name	StrayKats
Token Symbol	KATS
Token Decimal	0
Total Supply	1,000,000,000,000 KATS
Contract Address	0xd509c2c09c08BbEf6Ab4f9E13aB81d661Aa009dA
Deployer Address	0xB7dE6da10Cc52e456a72CBec690A2B0800867a5c
Owner Address	0xB7dE6da10Cc52e456a72CBec690A2B0800867a5c
Tax Fees Buy	2 %
Tax Fees Sell	2 %
Gas Used for Buy	186,648
Gas Used for Sell	137,066
Contract Created	Feb-25-2022 07:17:18 PM +UTC
Initial Liquidity	2 BNB
Liquidity Status	Burned
Verified CA	Yes
Compiler	v0.6.12+commit.27d51765
Optimization	Disable with 200 runs
Sol License	N/A
Top 5 Holders	25.14% Held
Other	default evmVersion

TOKENOMICS

BUY	
Holder Distribution	2%
SELL	
Holder Distribution	2%



TOP HOLDER

Rank	Address	Quantity	Percentage	Analytics
1	PancakeSwap V2: KATS 3	116,055,806,283,624	11.6056%	<u>~</u>
2	0xa965bfc296d6a12abc23cd42e11302a672a90dad	100,626,149,640,832	10.0626%	<u>~</u>
3	0xba47844aebd2cffed75189faf0ac17587dc235c8	71,048,236,149,356	7.1048%	<u>~</u>
4	0xb8287b51e6a7020aa66d505eed26c43f0689f163	39,325,157,961,331	3.9325%	<u>~</u>
5	0x5df8be3e5f37b50fc2c061fa23d196ba435d98ec	38,213,527,030,045	3.8214%	<u>₩</u>
6	0x4c8ceb6f0378050a4288b814b3102ad70262edef	32,262,639,693,251	3.2263%	<u>~</u>
7	0xa15b4acfe76ccd2b5b6a239e221755fbb5c018da	31,475,601,380,193	3.1476%	<u>~</u>
8	₫ 0xe545a02bf7a3130c2b8fdccd8821405c726647cb	31,084,541,760,195	3.1085%	<u>~</u>
9	0x487927c6dd0506066f158df89a120d1c709d1419	25,242,878,260,801	2.5243%	<u>₩</u>
10	0x5147203168c845970f3ae5b88fa4a1dd63dd4477	20,525,042,136,815	2.0525%	<u>~</u>
11	0xf60586e0956dd106702dd9522c7466355ed62ecb	13,147,876,700,659	1.3148%	<u>~</u>
12	0xce92f619201f74449f7ac75c934eebf61d4d6fd9	10,001,200,832,819	1.0001%	<u>₩</u>
13	0x3a6e89997ac92e18cdebbb0a77528df215a95132	9,467,571,714,277	0.9468%	<u>₩</u>
14	0x79d763a33b060204a650f6bab52b20b33120327f	8,377,798,907,102	0.8378%	<u>~</u>
15	0xce06a9044f70f9501ab99044332c4a50a6784e79	6,086,391,803,062	0.6086%	<u>~</u>
16	0x0fd3f7f0c16336dcbc6a9cc787a17c79cfd65971	5,897,420,431,524	0.5897%	<u>~</u>
17	0xa5c3852326be13102ce482f788b363dc5d5fe6e9	5,806,221,179,775	0.5806%	<u> ~</u>
18	0v001h1e/d20aech02602/R1h288c8c18667d8a1hh	5 666 302 243 056	0.5666%	I~

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: https://straykats.io/

Telegram Group: https://t.me/Katsbscofficial

Twitter: https://twitter.com/BSCStrayKats

Team Review

The Stray Kats team have a nice website, their website is professionally built and the Smart contract is well developed, Their Social media is growing with over 11.672 people in their telepram group which could use more activity.

MANUAL CODE REVIEW

Minor-risk

1 minor-risk code issues found

Could be fixed, will not bring problems.

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);

/**

* @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);

Medium-risk

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

High-Risk

0 high-risk code issues foundMust be fixed, and will bring problem.

Critical-Risk0 critical-risk code issues foundMust be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

1. Safemath

```
library SafeMath {
    function add(uint256 a, uint256 b) internal pure returns (uint256) {
        uint256 c = a + b;
        require(c >= a, "SafeMath: addition overflow");

    return c;
}

.....

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

The contract has a standard safemath library for mathematics calculation function on solidity

2. IERC20 Interface

```
interface IERC20 {
    /**
    * @dev Returns the amount of tokens in existence.
    */
    function totalSupply() external view returns (uint256);

/**
    * @dev Returns the amount of tokens owned by `account`.
    */
    function balanceOf(address account) external view returns (uint256);
    ...
    function transfer(address recipient, uint256 amount) external returns (bool);

*/
    function approve(address spender, uint256 amount) external returns (bool);

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

/**
    event Approval(address indexed owner, address indexed spender, uint256 value);
}
```

The Contract have standard BEP20 token template (interface)

3. Contract Auth

```
abstract contract Auth {
  address internal owner;
  mapping (address => bool) internal authorizations;
  constructor(address _owner) {
    owner = _owner;
    authorizations[ owner] = true;
 }
  * Function modifier to require caller to be contract owner
  modifier onlyOwner() {
    require(isOwner(msg.sender), "!OWNER"); _;
  }
 .....
  /**
  * Transfer ownership to new address. Caller must be owner. Leaves old owner authorized
  function transferOwnership(address payable adr) public onlyOwner {
    owner = adr;
    authorizations[adr] = true;
    emit OwnershipTransferred(adr);
  }
  event OwnershipTransferred(address owner);
```

The Contract have standard auth contract,
The contract owner can be transfer ownership to other address

4. Contract Stray Kats

```
uint256 private constant MAX = ~uint256(0);
uint256 private constant tTotal = 1000000000 * 10**6;
uint256 private rTotal = (MAX - (MAX % tTotal));
uint256 private _tFeeTotal;
string private name = 'StrayKats';
string private _symbol = 'KATS';
uint8 private _decimals = 0;
function transferFrom(address sender, address recipient, uint256 amount) public override
returns (bool) {
    _transfer(sender, recipient, amount);
    return true;
  }
function reflect(uint256 tAmount) public {
    address sender = _msgSender();
    _tFeeTotal = _tFeeTotal.add(tAmount);
  function reflectionFromToken(uint256 tAmount, bool deductTransferFee) public view
returns(uint256) {
    require(tAmount <= tTotal, "Amount must be less than supply");
  }
  function tokenFromReflection(uint256 rAmount) public view returns(uint256) {
    require(rAmount <= _rTotal, "Amount must be less than total reflections");
  }
```

Standard Function

WEBSITE REVIEW



INTRODUCTION

The Stray Kats Token was explicitly designed to be a community-driven, ownership-renounced token, but is intended for everyone who loves cats.

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

Web Tec stack: Apache, Parcel, Bootstrap, Sectiga, PIXIjs

First Contentful Paint	495ms
Fully Loaded Time	1.1s
Performance	76%
Accessibility	77%
Best Practices	92%
SEO	80%

RUG-PULL REVIEW

Base on the available information analysed by us, we come to the following conclusions:

- Burned Liquidity
- TOP 5 Holder: 28.14% Held
- The team is not KYC

HONEYPOT REVIEW

- Ability to sell
- Owner is not able to pause the contract
- Tax 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.