





Project: Salah ad-Din

Website: salah.finance



BlockSAFU Score: 77

Contract Address:

0x9F07C9112E482eb5e21d3c279d82203893e45CBa

Disclamer: 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. BlockSAFUs 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 SALAH ad-Din 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	SALAH ad-Din
Token Symbol	SALAH
Token Decimal	18
Total Supply	1,000,000,000,000 SALAH
Contract Address	0x9F07C9112E482eb5e21d3c279d82203893e45CBa
Deployer Address	0x064de294765C3fB0f440C1B6C0E08e519CeE6511
Owner Address	0x000000000000000000000000000000000000
Tax Fees Buy	1.25%
Tax Fees Sell	2.5%
Gas Used for Buy	202,250 Gwei (0.00101 BNB / \$0.25)
Gas Used for Sell	543,493 Gwei (0.002715 BNB / \$0.`69)
Contract Created	Jun-26-2022 03:13:21 PM +UTC
Initial Liquidity	28.19 BNB
Liquidity Status	Locked
Unlocked Date	December 31, 2022 at 9:59:28 PM GMT+7
Verified CA	Yes
Compiler	v0.8.9+commit.e5eed63a
Optimization	Enable with 300 runs
Sol License	MIT License
Top Holders	20.65% (06/07/2022)
Other	default evmVersion

TAX

BUY	1.25 %	SELL	2.5%
Marketing Fee	0.75%	Marketing Fee	0.5%
Liquidity Fee	0.25%	Liquidity Fee	0.5%
Dev fee	0.25%	Dev Fee	1%
Charity Fee	0.25%	Charity Fee	0.5%

TOP HOLDER

Rank	Address	Quantity	Percentage	Analytics
1	Pinksale: PinkLock V2	385,000,000,000	38,5000%	<u>~</u>
2	PancakeSwap V2: SALAH 3	289.378.623.932.505408342980279608	28.9379%	
3	0x20664cacdcfeb318c8e145a03c75e34bc2cc4a3b	101,473,811,016,08898033741947838	10.1474%	<u>l~</u>
1	Dx1a039eb50948d95fe824ae7932cd79ca78d5f332	58,009,803,890	5.8010%	<u>~</u>
5	0x30de33f6f557acd66e7919b9379044e2de4294b6	25,020,596,750,518592678738458141	2.5021%	ഥ
3	0x7376ce20f35a0e8d0aca98bc4956022fcd73ed49	18,143,466,648.531232748342235338	1.8143%	<u>12</u>
,	0x0ea302c9188e0292770c988f7d6cfc3ed9f5d562	17,153,354,993.911828400274883284	1.7153%	
3	© 0x2978d774dd947747097981cb836765e302f443b9	11,068,423,633.676383923362052455	1.1068%	<u>L~*</u>
)	Dx3c59e279c302c8eddb5189673055164348858a0a	9,800,000,000	0.9800%	
10	0x9af8b948f951f8f62a9dab771728a648d3261bdb	9,478,364,876.663750984490340706	0.9478%	
11	Dxx6be75aa7098e8bb505a8346812a6811aD7ac5ce	9,445,616,949.234717894271043361	0.9446%	<u>~</u>
12	0x3b681a7b954119a8f0ccf61ca3d5fa9ad3b9bee7	7,039,064,043,979299162242481852	0.7039%	122
13	0x2c2e8f3d5a8a3f810926b3c0ca1498c82c159942	6,261,766,752,656026716098677489	0.6262%	<u>l~</u>
14	© 0x12f067e8d4b50daa5faa08c40070bfa128b1a2bb	3,830,000,000	0.3830%	1-2
15	0xde21a3b0fd2edfa090c6c5831a5f987597e9afe3	2,627,589,285.878385523548087615	0.2628%	<u>~</u>
16	Dxa2b5621e1922d670025e5245e233c5c8f0d67dc1	2 288 168 321 854681137636504531	0.2288%	1~

Team Review

The SALAH team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 416 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: https://salah.finance/

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

Twitter: https://twitter.com/SalahFinance

BLOCKSAFU SCANNER

(https://blocksafu.com/token-scanner)

BlockSAFU Token Scanner

0x9F07C9112E482eb5e2ld3c279d82203893e45CBa

Scan

Address 0x2066...a3b a hold more than 5% balance (10.662%)

Address 0xla03...332 🗗 hold more than 5% balance (5.801%)

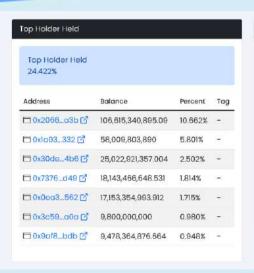


Indicator	Value
Token Name	Salah ad-Din
Token Symbol	SALAH
Total Supply	1,000,000,000,000
Already Listed On Dex	Already Listed
Dex Listed	PancakeV2
Open Source	Open Source
Price	\$0.00000002
Volume 24H	\$65.57
Liquidity	\$6,449 (25.49 BNB)
Tx Count 24H	6
Marketcap	\$21,808

Indicator	Value
Honeypot	Not Detected
Buy Fees	1.25%
Sell Fees	2.5208874492787%
Buy Gas	202,250 Gwei (0.001010 BNB / \$0.25)
Sell Gas	543,493 Gwei (0.002715 BNB / \$0.69)
Holder Count	126 Holders

Indicator	Value
Can Take Back Ownership	Not detected
Owner Change Balance	Not detected
Blocklist	Detected
Modify Fees	Detected
Proxy	Not detected
Whitelisted	Not detected
Anti Whale	Not detected
Trading Cooldown	Not detected
Transfer Pausable	Not detected
Cannot Sell All	Not detected

Indicator	Value
lidden Owner	Not detected
Creator Address	0x064de294511 🗹
Creator Balance	0 SALAH
Creator Percent	0%
Owner Address	0x000000000000 🗹
Owner Balance	0 SALAH
Owner Percent	0%
Lp Holder Count	4
Lp Total Supply	2,643,394.793
Mint	Not detected





MANUAL CODE REVIEW

Minor-risk

0 minor-risk code issues found

Medium-risk

1 medium-risk code issue found

Should be fixed, could bring problems.

```
function setSellTax(uint256 _dev, uint256 _marketing, uint256 _liquidity, uint256
_charity) external onlyOwner {
    require(_dev <= 500, "SALAH: Maximum 5%");
    require(_marketing <= 500, "SALAH: Maximum 5%");
    require(_liquidity <= 500, "SALAH: Maximum 5%");
    require(_charity <= 500, "SALAH: Maximum 5%");

buyTaxes["dev"] = _dev;
buyTaxes["dev"] = _dev;
buyTaxes["marketing"] = _marketing;
buyTaxes["liquidity"] = _liquidity;
buyTaxes["charity"] = _charity;
}</pre>
```

There is a typo, the correct writing is:

```
function setSellTax(uint256 _dev, uint256 _marketing, uint256 _liquidity, uint256
_charity) external onlyOwner {
    require(_dev <= 500,"SALAH: Maximum 5%");
    require(_marketing <= 500,"SALAH: Maximum 5%");
    require(_liquidity <= 500,"SALAH: Maximum 5%");
    require(_charity <= 500,"SALAH: Maximum 5%");

    sellTaxes["dev"] = _dev;
    sellTaxes["marketing"] = _marketing;
    sellTaxes["liquidity"] = _liquidity;
    sellTaxes["charity"] = _charity;
}</pre>
```

This typo makes the selling tax cannot change.



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. 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 Standard

```
library SafeMath {
  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);
    }
  }
  function trySub(uint256 a, uint256 b)
    internal
    pure
    returns (bool, uint256)
    unchecked {
      if (b > a) return (false, 0);
      return (true, a - b);
    }
  }
  function tryMul(uint256 a, uint256 b)
    internal
    pure
    returns (bool, uint256)
    unchecked {
      // Gas optimization: this is cheaper than requiring 'a' not being zero, but the
      // benefit is lost if 'b' is also tested.
      // See: https://github.com/OpenZeppelin/openzeppelin-contracts/pull/522
      if (a == 0) return (true, 0);
      uint256 c = a * b;
      if (c / a != b) return (false, 0);
      return (true, c);
  }
```

Safe Math Standard Template

3. Contract SALAH

```
contract SalahToken is ERC20, Ownable {
  uint256 public constant denominator = 10000;
  uint256 public constant swapThreshold = 0.0000005 ether;
  constructor(address router) ERC20("Salah ad-Din", "SALAH")
payable
  {
   exclude(0x30de33F6F557acd66e7919B9379044e2De4294b6);
   exclude(address(this));
   exclude(msg.sender);
setOwner(0x30de33F6F557acd66e7919B9379044e2De4294b6);
    // Buy Taxes
    buyTaxes["dev"] = 100;
    buyTaxes["marketing"] = 50;
    buyTaxes["liquidity"] = 50;
    buyTaxes["charity"] = 50;
    // Sell Taxes
    sellTaxes["dev"] = 100;
    sellTaxes["marketing"] = 50;
    sellTaxes["liquidity"] = 50;
    sellTaxes["charity"] = 50;
    // External wallets
    taxWallets["dev"] =
0x30de33F6F557acd66e7919B9379044e2De4294b6;
    taxWallets["charity"] =
0x9eA8eA380eaEF925406231f37c8E6AEC729B5f06;
    taxWallets["marketing"] =
0x1A51380dfE215971D375F67666504d4F4669c16B;
  }
  * @dev Sets tax for buys.
  function setBuyTax(uint256 _dev, uint256 _marketing, uint256
liquidity, uint256 charity) external onlyOwner {
    require( dev <= 500, "SALAH: Maximum 5%");
    require(_marketing <= 500,"SALAH: Maximum 5%");</pre>
    require( liquidity <= 500, "SALAH: Maximum 5%");
    require(_charity <= 500,"SALAH: Maximum 5%");
    buyTaxes["dev"] = dev;
    buyTaxes["marketing"] = _marketing;
```

```
buyTaxes["liquidity"] = liquidity;
    buyTaxes["charity"] = _charity;
 }
  * @dev Sets tax for sells.
 function setSellTax(uint256 _dev, uint256 _marketing, uint256
liquidity, uint256 charity) external onlyOwner {
    require(_dev <= 500,"SALAH: Maximum 5%");
    require(_marketing <= 500,"SALAH: Maximum 5%");</pre>
    require( liquidity <= 500, "SALAH: Maximum 5%");
    require( charity <= 500, "SALAH: Maximum 5%");
    buyTaxes["dev"] = dev;
    buyTaxes["marketing"] = marketing;
    buyTaxes["liquidity"] = _liquidity;
    buyTaxes["charity"] = charity;
 }
 receive() external payable {}
```

SALAH Contract

```
function setBuyTax(uint256 _dev, uint256 _marketing, uint256
_liquidity, uint256 _charity) external onlyOwner {
    require(_dev <= 500, "SALAH: Maximum 5%");
    require(_marketing <= 500, "SALAH: Maximum 5%");
    require(_liquidity <= 500, "SALAH: Maximum 5%");
    require(_charity <= 500, "SALAH: Maximum 5%");
    buyTaxes["dev"] = _dev;
    buyTaxes["dev"] = _dev;
    buyTaxes["marketing"] = _marketing;
    buyTaxes["liquidity"] = _liquidity;
    buyTaxes["charity"] = _charity;
}</pre>
```

Owners cannot assign a BUY Tax of more than 5% for each development, marketing, liquidity, and charity tax.

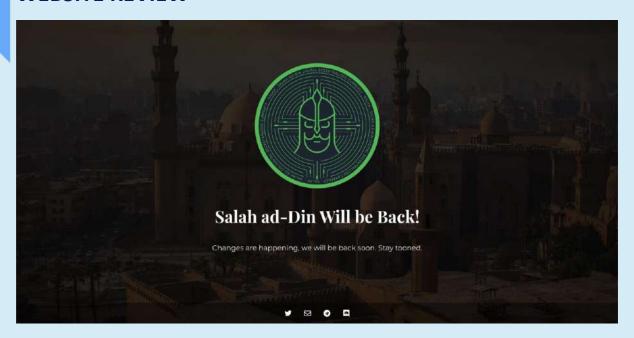
```
function setSellTax(uint256 _dev, uint256 _marketing, uint256
_liquidity, uint256 _charity) external onlyOwner {
    require(_dev <= 500,"SALAH: Maximum 5%");
    require(_marketing <= 500,"SALAH: Maximum 5%");
    require(_liquidity <= 500,"SALAH: Maximum 5%");
    require(_charity <= 500,"SALAH: Maximum 5%");
    buyTaxes["dev"] = _dev;
    buyTaxes["dev"] = _dev;
    buyTaxes["marketing"] = _marketing;
    buyTaxes["liquidity"] = _liquidity;
    buyTaxes["charity"] = _charity;
}</pre>
```

Owners cannot assign a SELL Tax of more than 5% for each development, marketing, liquidity, and charity tax.

```
function enableBlacklist(address account) external onlyOwner {
    require(isContract(account), "SALAH: Cannot blacklist
users");
    require(!blacklist[account], "SALAH: Account is already
blacklisted");
    blacklist[account] = true;
}
/**
    * @dev Remove the specified account from the blacklist.
    */
function disableBlacklist(address account) external onlyOwner {
    require(blacklist[account], "SALAH: Account is not
blacklisted");
    blacklist[account] = false;
}
```

The owner can set enable and disable the blacklist for the contract, and cannot blacklist the address.

WEBSITE REVIEW



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

Web-Tech stack: WordPress, Cloudflare, PHP, animate CSS

Domain .com - Tracked by whois

First Contentful Paint:	1.5s
Fully Loaded Time	3.4s
Performance	90
Accessibility	97
Best Practices	100
SEO	91

RUG-PULL REVIEW

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

- Locked Liquidity (96,73% Locked by PinkSale)(Unlock on December 31, 2022, at 2:59:28 PM)
- TOP Holder.(Holds 20% of the total supply.)
- The team is KYC by SpyWolf.
- The contract is renounced.

HONEYPOT REVIEW

- Ability to sell.
- The owner is not able to pause the contract.
- The owners cannot set tax more than 5% per point (20% total).

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.