





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.

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 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 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       | 24% (27/07/2022)                           |
| 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 893 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%)

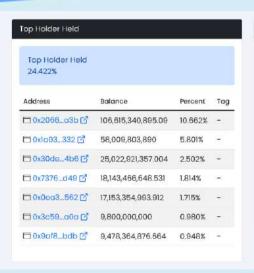


| Indicator             | Value               |
|-----------------------|---------------------|
| Token Name            | Salah ad-Din        |
| Token Symbol          | SALAH               |
| Total Supply          | 1,000,000,000,000   |
| Already Listed On Dex | Already Listed      |
| Dex Listed            | 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(_liquidity <= 500, "SALAH: Maximum 5%");
    require(_liquidity <= 500, "SALAH: Maximum 5%");
    require(_charity <= 500, "SALAH: Maximum 5%");

    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.

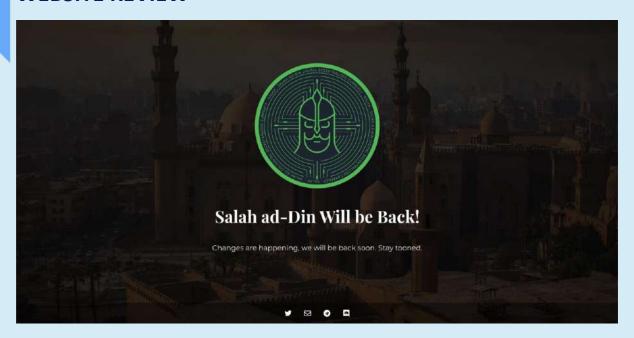
```
function setSellTax(uint256 _dev, uint256 _marketing, uint256
_liquidity, uint256 _charity) external onlyOwner {
    require(_dev <= 500,"SALAH: Maximum 5%");
    require(_marketing <= 500,"SALAH: Maximum 5%");
    require(_liquidity <= 500,"SALAH: Maximum 5%");
    require(_charity <= 500,"SALAH: 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 24% of the total supply.)
- The team is KYC by SpyWolf.
- The contract is renounced. All functions cannot be changed.

### **HONEYPOT REVIEW**

Ability to sell.

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.