



Cyberscope

# Audit Report

## **PAWSUP**

August 2022

Type       BEP20

Network     BSC

Address     0xb4607678EB556E0c970Af41e6adc54d57996e3E3

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## Contract Review

|                         |                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contract Name</b>    | StandardToken                                                                                                                                           |
| <b>Compiler Version</b> | v0.8.4+commit.c7e474f2                                                                                                                                  |
| <b>Optimization</b>     | 200 runs                                                                                                                                                |
| <b>Licence</b>          | MIT                                                                                                                                                     |
| <b>Explorer</b>         | <a href="https://bscscan.com/token/0xb4607678EB556E0c970Af41e6adc54d57996e3E3">https://bscscan.com/token/0xb4607678EB556E0c970Af41e6adc54d57996e3E3</a> |
| <b>Symbol</b>           | PAWS                                                                                                                                                    |
| <b>Decimals</b>         | 10                                                                                                                                                      |
| <b>Total Supply</b>     | 250,000,000                                                                                                                                             |
| <b>Domain</b>           | pawsup.io                                                                                                                                               |

## Source Files

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| <b>Filename</b>     | <b>SHA256</b>                                                    |
| <b>contract.sol</b> | 43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b62fa80707ff0dd5bf |

## Audit Updates

|                      |                 |
|----------------------|-----------------|
| <b>Initial Audit</b> | 4th August 2022 |
| <b>Corrected</b>     |                 |

# Contract Analysis

● Critical   ● Medium   ● Minor   ● Pass

| Severity | Code | Description                                                                                                       |
|----------|------|-------------------------------------------------------------------------------------------------------------------|
| ●        | ST   | Contract Owner is not able to stop or pause transactions                                                          |
| ●        | OCTD | Contract Owner is not able to transfer tokens from specific address                                               |
| ●        | OTUT | Owner Transfer User's Tokens                                                                                      |
| ●        | ELFM | Contract Owner is not able to increase fees more than a reasonable percent (25%)                                  |
| ●        | ULTW | Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent |
| ●        | MT   | Contract Owner is not able to mint new tokens                                                                     |
| ●        | BT   | Contract Owner is not able to burn tokens from specific wallet                                                    |
| ●        | BC   | Contract Owner is not able to blacklist wallets from selling                                                      |

# Contract Diagnostics

● Critical    ● Medium    ● Minor

| Severity | Code | Description                                |
|----------|------|--------------------------------------------|
| ●        | L01  | Public Function could be Declared External |
| ●        | L09  | Dead Code Elimination                      |

## L01 - Public Function could be Declared External

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| <b>Criticality</b> | minor                                                             |
| <b>Location</b>    | contract.sol#L165,173,483,491,508,515,522,540,553,570,593,622,649 |

### Description

Public functions that are never called by the contract should be declared external to save gas.

```
decreaseAllowance
increaseAllowance
transferFrom
approve
allowance
transfer
balanceOf
totalSupply
decimals
...
```

### Recommendation

Use the external attribute for functions never called from the contract.

## L09 - Dead Code Elimination

**Criticality**

minor

**Location**

contract.sol#L727,772

### Description

Functions that are not used in the contract, and make the code's size bigger.

```
_setupDecimals  
_burn
```

### Recommendation

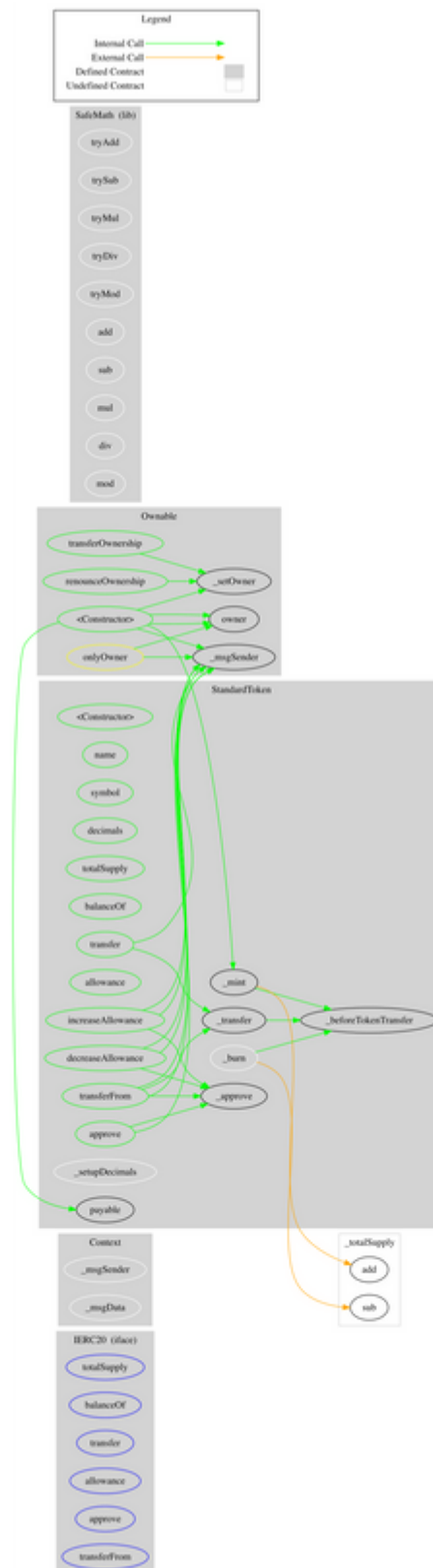
Remove unused functions.

# Contract Functions

| Contract        | Type              | Bases      |            |           |
|-----------------|-------------------|------------|------------|-----------|
|                 | Function Name     | Visibility | Mutability | Modifiers |
| <b>IERC20</b>   | Interface         |            |            |           |
|                 | totalSupply       | External   |            | -         |
|                 | balanceOf         | External   |            | -         |
|                 | transfer          | External   | ✓          | -         |
|                 | allowance         | External   |            | -         |
|                 | approve           | External   | ✓          | -         |
|                 | transferFrom      | External   | ✓          | -         |
|                 |                   |            |            |           |
| <b>Context</b>  | Implementation    |            |            |           |
|                 | _msgSender        | Internal   |            |           |
|                 | _msgData          | Internal   |            |           |
|                 |                   |            |            |           |
| <b>Ownable</b>  | Implementation    | Context    |            |           |
|                 | <Constructor>     | Public     | ✓          | -         |
|                 | owner             | Public     |            | -         |
|                 | renounceOwnership | Public     | ✓          | onlyOwner |
|                 | transferOwnership | Public     | ✓          | onlyOwner |
|                 | _setOwner         | Private    | ✓          |           |
|                 |                   |            |            |           |
| <b>SafeMath</b> | Library           |            |            |           |
|                 | tryAdd            | Internal   |            |           |
|                 | trySub            | Internal   |            |           |
|                 | tryMul            | Internal   |            |           |
|                 | tryDiv            | Internal   |            |           |
|                 | tryMod            | Internal   |            |           |
|                 | add               | Internal   |            |           |
|                 | sub               | Internal   |            |           |
|                 | mul               | Internal   |            |           |
|                 | div               | Internal   |            |           |

|                      |                      |                                  |         |   |
|----------------------|----------------------|----------------------------------|---------|---|
|                      | mod                  | Internal                         |         |   |
|                      | sub                  | Internal                         |         |   |
|                      | div                  | Internal                         |         |   |
|                      | mod                  | Internal                         |         |   |
|                      |                      |                                  |         |   |
| <b>BaseToken</b>     | Implementation       |                                  |         |   |
|                      |                      |                                  |         |   |
| <b>StandardToken</b> | Implementation       | IERC20,<br>Ownable,<br>BaseToken |         |   |
|                      | <Constructor>        | Public                           | Payable | - |
|                      | name                 | Public                           |         | - |
|                      | symbol               | Public                           |         | - |
|                      | decimals             | Public                           |         | - |
|                      | totalSupply          | Public                           |         | - |
|                      | balanceOf            | Public                           |         | - |
|                      | transfer             | Public                           | ✓       | - |
|                      | allowance            | Public                           |         | - |
|                      | approve              | Public                           | ✓       | - |
|                      | transferFrom         | Public                           | ✓       | - |
|                      | increaseAllowance    | Public                           | ✓       | - |
|                      | decreaseAllowance    | Public                           | ✓       | - |
|                      | _transfer            | Internal                         | ✓       |   |
|                      | _mint                | Internal                         | ✓       |   |
|                      | _burn                | Internal                         | ✓       |   |
|                      | _approve             | Internal                         | ✓       |   |
|                      | _setupDecimals       | Internal                         | ✓       |   |
|                      | _beforeTokenTransfer | Internal                         | ✓       |   |

# Contract Flow



## Domain Info

|                               |                                         |
|-------------------------------|-----------------------------------------|
| <b>Domain Name</b>            | pawsup.io                               |
| <b>Registry Domain ID</b>     | f04383d7716f45509ea5e2fd311c7c84-DONUTS |
| <b>Creation Date</b>          | 2022-05-28T00:48:51Z                    |
| <b>Updated Date</b>           | 2022-06-02T19:47:50Z                    |
| <b>Registry Expiry Date</b>   | 2023-05-28T00:48:51Z                    |
| <b>Registrar WHOIS Server</b> | whois.name.com                          |
| <b>Registrar URL</b>          | http://www.name.com                     |
| <b>Registrar</b>              | Name.com, Inc.                          |
| <b>Registrar IANA ID</b>      | 625                                     |

The domain has been created in 10 months before the creation of the audit.

There is no public billing information, the creator is protected by the privacy settings.

## Summary

PAWSUP is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions.

# Disclaimer

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment.

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The Cyberscope team disclaims any liability for the resulting losses.

# About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provide all the essential tools to assist users draw their own conclusions.



The Cyberscope team

<https://www.cyberscope.io>