



ASTROBIATECH

SMART CONTRACT SECURITY AUDIT REPORT

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Audit Details



Audited Project

DruPay



Deployer Address

0x904b86cc773d696b20130a7496b5d41361d0548f



Client Contacts

The DruPay Team



Blockchain

Binance Smart Chain



Project Website

<https://drupay.online/>

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

AstrobiaTech was commissioned by DruPay to perform an audit of smart contracts:

[Contract Address:- 0x452c72d38896d53c012c326b5156b01128f3f08e](#)

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.



Contract Details

Token contract details for 16.07.2022

Contract name	DruPay
Contract address	0x452c72d38896d53c012c326b5156b01128f3f08e
Total Supply	1,000,000,000,000,000 DPA
Token ticker	DPA
Decimals	18
Token holders	9
Transactions count	37
Top 100 holders dominance	100.00 %
Tax Fees	1
Burn Fees	1
Total Fees	10001085743637942584504316832737
Owner Address	0x16411be3b63934ad29370af2002dbec3bf39b5ed
Contract Deployer Address	0x904b86cc773d696b20130a7496b5d41361d0548f

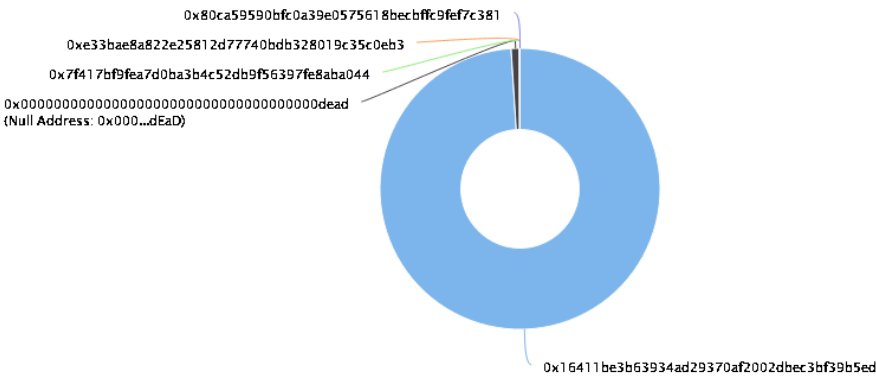
DruPay Token Distribution

The top 100 holders collectively own 100.00% (999,999,999,858,788.00 Tokens) of DruPay

Token Total Supply: 1,000,000,000,000,000.00 Token | Total Token Holders: 9

DruPay Top 100 Token Holders

Source: BscScan.com



(A total of 999,999,999,858,788.00 tokens held by the top 100 accounts from the total supply of 1,000,000,000,000,000.00 token)

DruPay Top 10 Token Holders

Rank	Address	Quantity	Percentage
1	0x16411be3b63934ad29370af2002dbec3bf39b5ed	989,889,539,612,823.937052145156771686	98.9890%
2	Null Address: 0x000...dEaD	10,101,106,712,764.924858118363254353	1.0101%
3	0x7f417bf9fea7d0ba3b4c52db9f56397fe8aba044	8,271,201,588.28709471897618581	0.0008%
4	0xe33bae8a822e25812d77740bdb328019c35c0eb3	1,038,800,011.011280116719569237	0.0001%
5	0x80ca59590bfc0a39e0575618becbffc9fef7c381	19,600,000.003920000000784	0.0000%
6	PancakeSwap V2: DPA 5	14,112,000.002032128000292626	0.0000%
7	0xcf8f78c283dae2f4724e6f1014c7293e2efed7de	9,800,000.0009800000000098	0.0000%
8	0x5a3b525856f13bfb2347070dc6936209be2c8c8d	9,800.000000000098	0.0000%
9	0x92f74631290f97e6d804ebdb62ac24828fc2dc80	9,800.000000000098	0.0000%

Contract Functions

+ IERC20

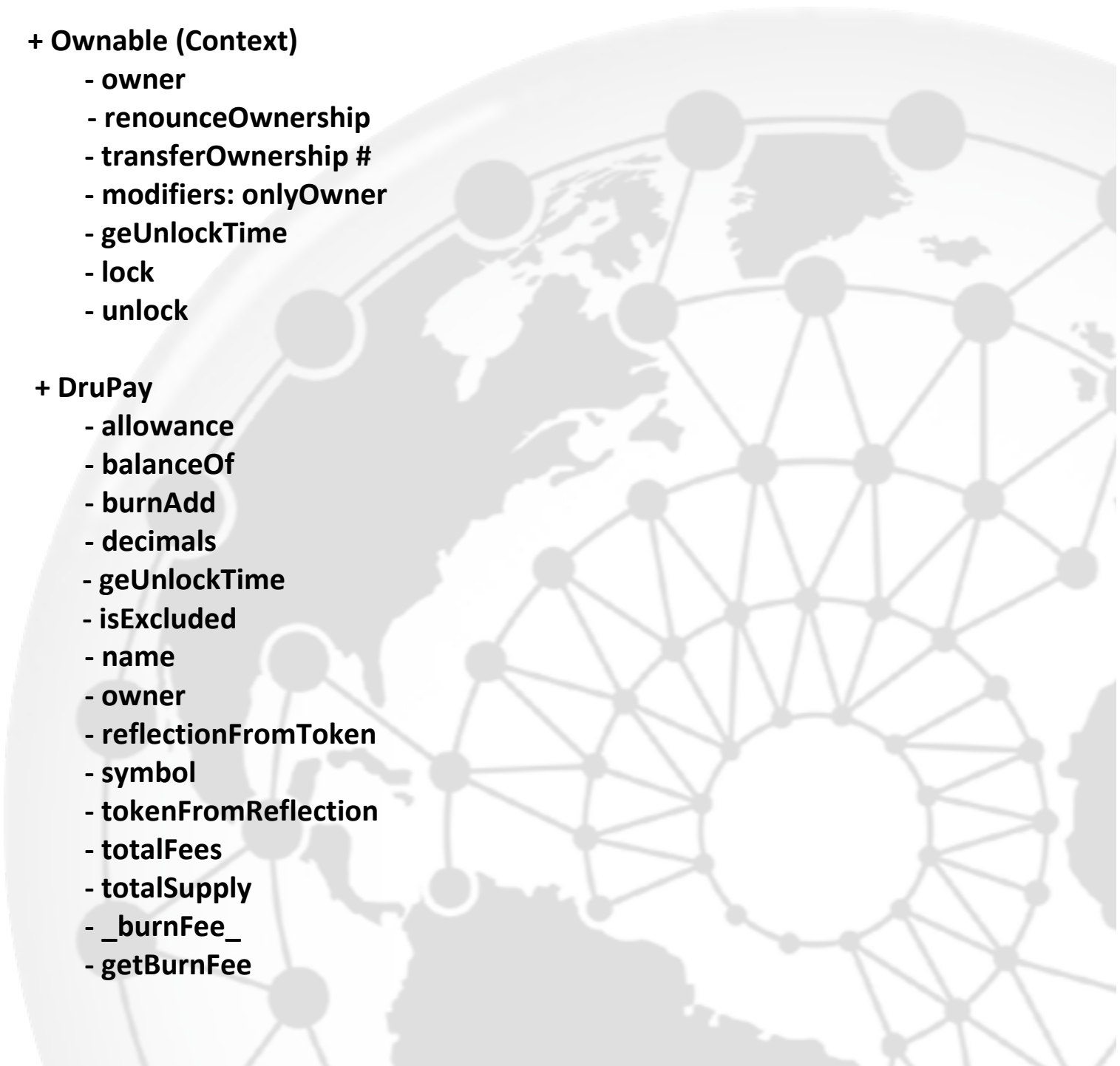
- totalSupply
- balanceOf
- transfer
- allowance
- approve #
- transferFrom #

+ Ownable (Context)

- owner
- renounceOwnership
- transferOwnership #
- modifiers: onlyOwner
- geUnlockTime
- lock
- unlock

+ DruPay

- allowance
- balanceOf
- burnAdd
- decimals
- geUnlockTime
- isExcluded
- name
- owner
- reflectionFromToken
- symbol
- tokenFromReflection
- totalFees
- totalSupply
- _burnFee_
- getBurnFee



- **_getMaxTxAmount**
- **_getTaxFee**
- **_taxFee**
- **approve**
- **decreaseAllowance**
- **deliver**
- **excludeAccount**
- **includeAccount**
- **increaseAllowance**
- **lock**
- **renounceOwnershiptransfer**
- **transferFrom**
- **transferOwnership**
- **unlock**
- **_setBurnFee**
- **setTaxFee**



Issue Checking Status

Issue description	Checking status
Compiler errors.	Passed
Race conditions and Reentrancy. Cross-function race conditions.	Passed
Possible delays in data delivery.	Passed
Oracle calls.	Passed
Front running.	Passed
Timestamp dependence.	Passed
Integer Overflow and Underflow.	Passed
DoS with Revert.	Passed
DoS with block gas limit.	Passed
Methods execution permissions.	Passed
Economy model of the contract.	Passed
The impact of the exchange rate on the logic.	Passed
Private user data leaks.	Passed
Malicious Event log.	Passed
Scoping and Declarations.	Passed
Uninitialized storage pointers.	Passed
Arithmetic accuracy.	Passed
Design Logic.	Passed
Cross-function race conditions.	Passed
Safe Open Zeppelin contracts implementation and usage.	Passed
Fallback function security.	Passed

Security Issues

✓ High Severity Issues

No high severity issues found.

✓ Medium Severity Issues

No medium severity issues found.

✓ Low Severity Issues

No low severity issues found.

Owner Privileges

- Owner can include and exclude account.
- Owner can set tax and burn fees.
- Owner can lock and unlock.
- Owner can renounce and transfer ownership .

Conclusion

Smart Contract do not contain any issues !

AstrobiaTech 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 Owner.

