



Cyberscope

Audit Report

Payme Token

October 2022

Github <https://github.com/payMeQuiz/payMe-Project>
Commit 0x23F3d592a093363B9A6427371B573BC90a0fCde2
Audited by © cyberscope

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Contract Review

| | |
|-------------------------|---|
| Contract Name | PaymeToken |
| Compiler Version | v0.8.9+commit.e5eed63a |
| Github | https://github.com/payMeQuiz/payMe-Project |
| Commit | 6ae40ccfae93ee9b1b5fd8d90051790048d4279f |
| Testing Deploy | https://testnet.bscscan.com/token/0x23F3d592a093363B9A6427371B573BC90a0fCde2 |
| Symbol | PMe |
| Decimals | 18 |
| Total Supply | 10,000,000,000 |
| Domain | https://payme.games |

Audit Updates

| | |
|----------------------|-------------------|
| Initial Audit | 17th October 2022 |
| Corrected | |

Source Files

| Filename | SHA256 |
|---|--|
| @openzeppelin/contracts/access/Ownable.sol | 9353af89436556f7ba8abb3f37a6677249aa4df6024fbfaa94f79ab2f44f3231 |
| @openzeppelin/contracts/security/Pausable.sol | 2072248d2f79e661c149fd6a6593a8a3f038466557c9b75e50e0b001bcb5cf97 |
| @openzeppelin/contracts/token/ERC20/ERC20.sol | 5031430cc2613c32736d598037d3075985a2a09e61592a013dbd09a5bc2041b8 |
| @openzeppelin/contracts/token/ERC20/extensions/ERC20Capped.sol | 00d9364a71bfb7590fdeb7e097fe84159f4fc002c4f603b036c61f91e6368861 |
| @openzeppelin/contracts/token/ERC20/extensions/ERC20Pausable.sol | ee84c2ac4bc96c21df80a3c39e38d508d658cbe386ec1ec7c04011d9925470f8 |
| @openzeppelin/contracts/token/ERC20/extensions/IERC20Metadata.sol | af5c8a77965cc82c33b7ff844deb9826166689e55dc037a7f2f790d057811990 |
| @openzeppelin/contracts/token/ERC20/IERC20.sol | 94f23e4af51a18c2269b355b8c7cf4db8003d075c9c541019eb8dcf4122864d5 |
| @openzeppelin/contracts/utils/Context.sol | 1458c260d010a08e4c20a4a517882259a23a4baa0b5bd9add9fb6d6a1549814a |

| | |
|--|--|
| @openzeppelin/contracts/utils/math/SafeMath.sol | 0dc33698a1661b22981abad8e5c6f5ebca0dfe5ec14916369a2935d888ff257a |
| contracts/PaymeToken.sol | 0269cebaae2a6666448fe8954c9d1574b2b9b7e5fed53a9f7a52c8fd654b6e7f |

Contract Analysis

● Critical ● Medium ● Minor / Informative ● Pass

| Severity | Code | Description | Status |
|----------|------|------------------------------------|--------|
| ● | ST | Stops Transactions | Passed |
| ● | OCTD | Transfers Contract's Tokens | Passed |
| ● | OTUT | Transfers User's Tokens | Passed |
| ● | ELFM | Exceeds Fees Limit | Passed |
| ● | ULTW | Transfers Liquidity to Team Wallet | Passed |
| ● | MT | Mints Tokens | Passed |
| ● | BT | Burns Tokens | Passed |
| ● | BC | Blacklists Addresses | Passed |

Contract Diagnostics

The contract implements the basic functionality of ERC20 tokens.

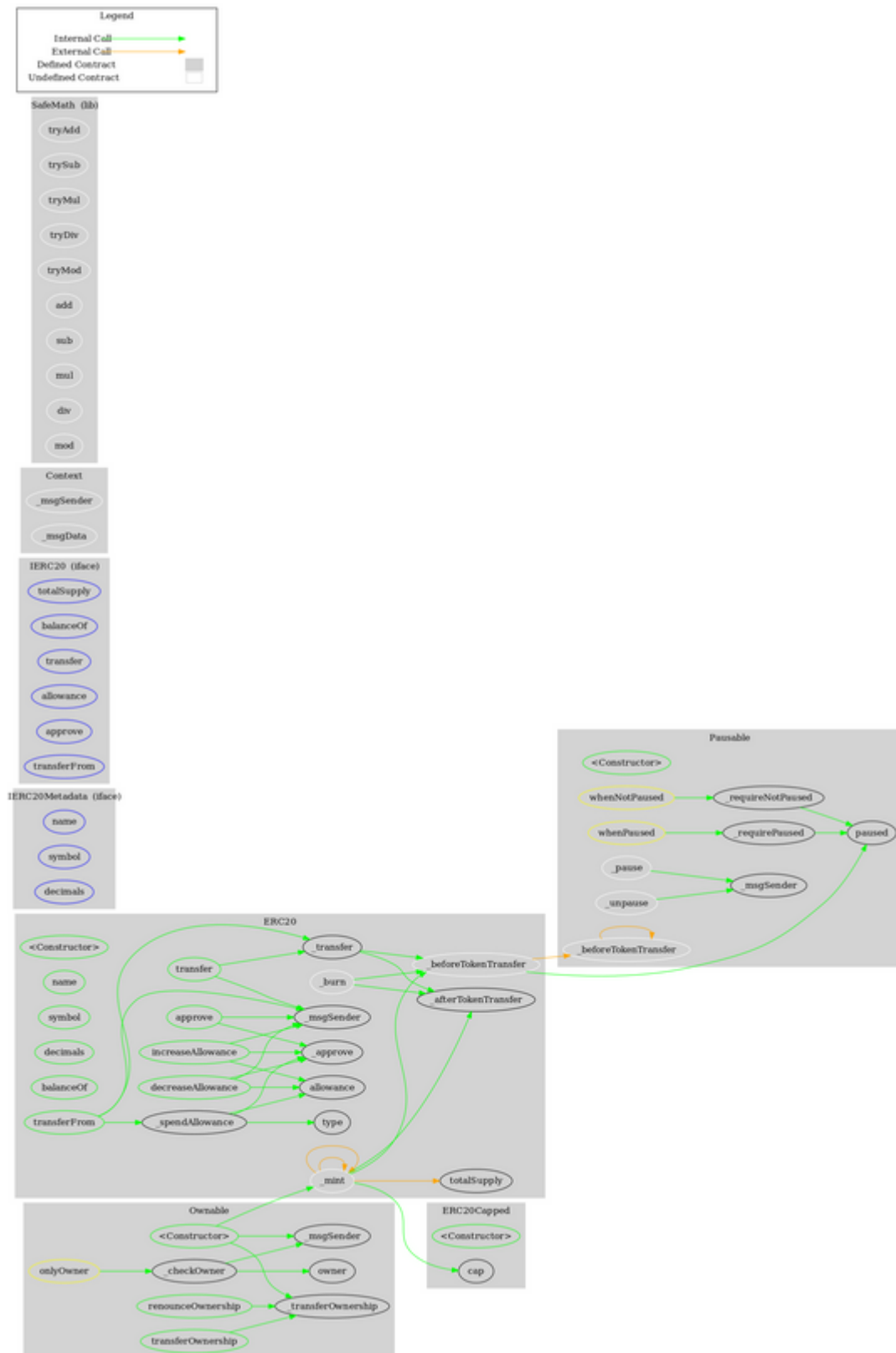
Contract Functions

| Contract | Type | Bases | | |
|-----------------|--------------------|---------------------------------------|------------|---------------|
| | Function Name | Visibility | Mutability | Modifiers |
| | | | | |
| Ownable | Implementation | Context | | |
| | <Constructor> | Public | ✓ | - |
| | owner | Public | | - |
| | _checkOwner | Internal | | |
| | renounceOwnership | Public | ✓ | onlyOwner |
| | transferOwnership | Public | ✓ | onlyOwner |
| | _transferOwnership | Internal | ✓ | |
| | | | | |
| Pausable | Implementation | Context | | |
| | <Constructor> | Public | ✓ | - |
| | paused | Public | | - |
| | _requireNotPaused | Internal | | |
| | _requirePaused | Internal | | |
| | _pause | Internal | ✓ | whenNotPaused |
| | _unpause | Internal | ✓ | whenPaused |
| | | | | |
| ERC20 | Implementation | Context, IERC20, IERC20Metadata | | |
| | <Constructor> | Public | ✓ | - |
| | 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 | ✓ | |
| | _spendAllowance | Internal | ✓ | |
| | _beforeTokenTransfer | Internal | ✓ | |
| | _afterTokenTransfer | Internal | ✓ | |
| | | | | |
| ERC20Capped | Implementation | ERC20 | | |
| | <Constructor> | Public | ✓ | - |
| | cap | Public | | - |
| | _mint | Internal | ✓ | |
| | | | | |
| ERC20Pausable | Implementation | ERC20, Pausable | | |
| | _beforeTokenTransfer | Internal | ✓ | |
| | | | | |
| IERC20Metadata | Interface | IERC20 | | |
| | name | External | | - |
| | symbol | External | | - |
| | decimals | External | | - |
| | | | | |
| IERC20 | Interface | | | |
| | totalSupply | External | | - |
| | balanceOf | External | | - |
| | transfer | External | ✓ | - |
| | allowance | External | | - |
| | approve | External | ✓ | - |
| | transferFrom | External | ✓ | - |
| | | | | |
| Context | Implementation | | | |

| | | | | |
|-------------------|----------------------|---|---|----------------------|
| | _msgSender | Internal | | |
| | _msgData | Internal | | |
| | | | | |
| SafeMath | 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 | | |
| | | | | |
| PaymeToken | Implementation | ERC20Capped, Ownable, ERC20Pausable | | |
| | <Constructor> | Public | ✓ | ERC20 ERC20Capped |
| | _mint | Internal | ✓ | |
| | _beforeTokenTransfer | Internal | ✓ | |

Contract Flow



Domain Info

| | |
|-------------------------------|---|
| Domain Name | payme.games |
| Registry Domain ID | 29f4ee9286e043058b41ccc27375747f-DONUTS |
| Creation Date | 2021-01-06T13:00:37Z |
| Updated Date | 2022-08-05T11:31:27Z |
| Registry Expiry Date | 2023-01-06T13:00:37Z |
| Registrar WHOIS Server | whois.namecheap.com |
| Registrar URL | https://www.namecheap.com/ |
| Registrar | NameCheap, Inc. |
| Registrar IANA ID | 1068 |

The domain was created almost 2 years before the creation of the audit. It will expire in 3 months.

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

Summary

Payme is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors 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.

Cyberscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Cyberscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Cyberscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

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>