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# SMART CONTRACT AUDIT



**Crazy PEPE**

## Conclusion

The project team of CrazyPEPE (CZPEPE) Token has applied for security auditing of the Smart Contract (0x28100C7a298f41825270CbC362Be9C85F502FdEc)

After detailed test process and examination performed by our expert team, we declare that Smart Contract is successfully **PASSED** the security audit

## Summary

### Audit Summary

<b>Audit Result</b>	✓ Passed
<b>KYC Verification</b>	NA
<b>Token Name</b>	Crazy Pepe Token
<b>Token Symbol</b>	CZPEPE
<b>Contract Address</b>	0x28100C7a298f41825270CbC362Be9C85F502FdEc
<b>Contract Link</b>	<a href="https://bscscan.com/token/0x28100c7a298f41825270cbc362be9c85f502fdec">https://bscscan.com/token/0x28100c7a298f41825270cbc362be9c85f502fdec</a>
<b>Testnet Address Link</b>	<a href="https://testnet.bscscan.com/address/0xeccd0b3c25abc7695544a8bf3543bbdfd9b4ac09">https://testnet.bscscan.com/address/0xeccd0b3c25abc7695544a8bf3543bbdfd9b4ac09</a>
<b>Ownership Status</b>	Actively Owned
<b>Current Fee</b>	Buy= 0%, Sell= 3%, Transfer= 3%

- ✓ In conclusion, the smart contract has successfully passed all tests and evaluations during the audit process. No critical vulnerabilities or significant issues were found, confirming its robustness and adherence to industry standards. Stakeholders can have confidence in the security and reliability of the smart contract. Ongoing monitoring and periodic audits are recommended to address any emerging risks in the evolving blockchain landscape.



## Summary of Owner's Privileges

<b>Privilege Description</b>	<b>INFO</b>	<b>LOW</b>	<b>MEDIUM</b>	<b>HIGH</b>
<i>renounceOwnership</i>	✓			
<i>transferOwnership</i>	✓			
<i>setEnableTrading</i>	✓			
<i>claimStuckTokens</i>	✓			
<i>excludeFromFees</i>	✓			
<i>setSellFee</i> _ (max 3%)		✓		
<i>setWalletToWalletTransferFee</i> _ (max 3%)		✓		

\* Only privileges which can be controlled by owner and might have potential to effect profit/loss of investors are listed

- ✓ The owner of the smart contract has been granted privileges that do not include any critical capabilities. These privileges are limited to operational and administrative tasks, such as contract deployment and maintenance. The contract has implemented strong access control mechanisms to prevent unauthorized actions and ensure responsible use of the owner's privileges. The absence of critical privileges mitigates potential risks and contributes to the overall security of the contract. Regular monitoring and audits are recommended to maintain the contract's integrity and address emerging security concerns.

## Summary of Manual Analysis

- ✓ The manual analysis of the smart contract has successfully passed, indicating a robust and secure implementation. No critical issues or vulnerabilities were found, providing confidence in the contract's reliability and adherence to security best practices. Ongoing monitoring is advised to address emerging risks and maintain the contract's security over time.

## Summary of SWC Analysis

- ✓ The provided source code of the smart contract has undergone a successful SWC (Smart Contract Weakness Classification) analysis, verifying that it adheres to recommended security practices and does not contain common vulnerabilities.





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## Report Data

This report has been prepared by Cryptocrat experts based on detailed examination of CrazyPEPE Token Smart Contract on June 12, 2023.

Audit process performed carefully using Static Analysis and Manual review Techniques as well as Automated test procedures.

The auditing process focuses to the following considerations with collaboration of an expert team

- Functionality test of the Smart Contract to determine if proper logic has been followed throughout the whole process.
- Manually detailed examination of the code line by line by experts.
- Live test by multiple clients using Testnet.
- Analysing failure preparations to check how the Smart Contract performs in case of any bugs and vulnerabilities.
- Checking whether all the libraries used in the code are on the latest version.
- Analysing the security of the on-chain data.

## Project Info

<b>Contract Name</b>	<b>CrazyPEPE (CZPEPE)</b>
<b>Contract</b>	0x28100C7a298f41825270CbC362Be9C85F502FdEc
<b>Link to Contract</b>	<a href="https://bscscan.com/address/0x28100c7a298f41825270cbc362be9c85f502fdec">https://bscscan.com/address/0x28100c7a298f41825270cbc362be9c85f502fdec</a>
<b>Token Type</b>	BEP20
<b>Platform</b>	Binance Smart Chain
<b>Language</b>	Solidity
<b>Project Web Site</b>	<a href="https://crazypepe.vip/">https://crazypepe.vip/</a>
<b>Twitter</b>	<a href="http://Twitter.com/crazypepevip">http://Twitter.com/crazypepevip</a>
<b>Telegram Group</b>	<a href="https://t.me/CrazyPepeGateway">https://t.me/CrazyPepeGateway</a>



## OVERVIEW

This Audit Report mainly focuses on overall security of the smart contract. Cryptocrat team scanned the contract and assessed overall system architecture and the smart contract codebase against vulnerabilities, exploitations, hacks, and back-doors to ensure its reliability and correctness.

### Auditing Approach and Applied Methodologies

Cryptocrat team has performed rigorous test procedures of the project

- Code design patterns analysis in which smart contract architecture is reviewed to ensure it is structured according to industry standards and safe use of third-party smart contracts and libraries.
- Line-by-line inspection of the Smart Contract to find any potential vulnerability like race conditions, transaction-ordering dependence, timestamp dependence, and denial of service attacks.
- Unit testing Phase, we coded/conducted custom unit tests written for each function in the contract to verify that each function works as expected.
- Automated Test performed with our in-house developed tools to identify vulnerabilities and security flaws of the Smart Contract.

The focus of the audit was to verify that the Smart Contract System is secure, resilient, and working according to the specifications. The audit activities can be grouped in the following three categories:

### Security

Identifying security related issues within each contract and the system of contract.

### Sound Architecture

Evaluation of the architecture of this system through the lens of established smart contract best practices and general software best practices.

### Code Correctness and Quality

A full review of the contract source code. The primary areas of focus include:

- Accuracy
- Readability
- Sections of code with high complexity
- Quantity and quality of test coverage



## Risk Classification

SEVERITY	EXPLANATION
INFORMATIONAL	Informational risks are classified as low-impact issues that do not pose an immediate threat to the security or functionality of the smart contract. These risks typically include suggestions for code optimization, improvements in documentation, or best practices that can enhance the overall quality and maintainability of the contract. While not critical, addressing these informational risks is recommended to further strengthen the contract's security posture.
LOW	Low-risk vulnerabilities are minor issues that may have limited impact on the contract's security. These risks are typically related to non-critical code flaws or deviations from best practices that could potentially be exploited under certain circumstances. While the impact is relatively low, it is still advisable to address these vulnerabilities to reduce any potential security risks and ensure the contract operates as intended.
MEDIUM	Medium-risk vulnerabilities pose a moderate level of risk to the security and functionality of the smart contract. These risks may include code vulnerabilities that could potentially be exploited, but with certain constraints or prerequisites. Addressing medium-risk vulnerabilities is crucial to prevent potential security breaches or unintended behaviour that could impact the contract or its users.
HIGH	High-risk vulnerabilities are critical issues that pose significant threats to the security and functionality of the smart contract. These risks typically involve severe code vulnerabilities that can be exploited to manipulate or compromise the contract's behavior, resulting in financial loss or unauthorized access. Immediate attention and remediation of high-risk vulnerabilities are necessary to ensure the contract's integrity and protect the funds and assets associated with it.

It is important to note that risk classification may vary based on the specific audit methodology or framework used, and the assigned risk level should be interpreted in the context of the smart contract being audited.





## Disclaimer

This document has been prepared by Cryptocrat solely for the use of the investors to whom it is addressed and for no other purpose. The information contained in this report is based on an analysis of the smart contract code itself. This report is not a prospectus or offering document, and it does not constitute an offer to sell or a solicitation of an offer to buy any securities or other financial instruments. The report should not be considered as investment, legal, tax, or other advice.

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Investors are advised to conduct their own thorough analysis and seek independent professional advice before making any investment decisions. The information provided in this report should be considered in the context of the specific smart contract and its associated risks.

