CRYPTO CRAT

SMART CONTRACT AUDIT

CLOUDPET TOKEN

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Conclusion

The project team of CLOUDPET TOKEN has applied for security auditing of the Smart Contract 0xA4904cc19c4Fd9BF3152ff96Cdf72a8F135B5286

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

Audit Result	Passed
KYC Verification	NA
Token Name	Cloudpet Token
Token Symbol	Cpet
Total Supply	1.000.000.000.000 Cpet
Contract Address	0xA4904cc19c4Fd9BF3152ff96Cdf72a8F135B5286
Initial Fees	2% buy / 3% sell fees (can not be changed by owner)
Ownership Status	Actively Owned

Summary of Owner's Privileges

Privilege Description	*LOW*	*MEDIUM*	*HIGH*
claimStuckTokens	✓		
excludeFromFees	✓		
setSwapTokensAtAmount	✓		

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

Summary of Manual Analysis

As a result of the manual analysis, no non-compliance was detected that could harm the investor or the operation of the contract.

Summary of SWC Analysis

As a result of SWC test there was not detected any vulnerability.

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Report Data

This report has been prepared by Cryptocrat experts based on detailed examination of Cloudpet Token's Smart Contract on December 05, 2022.

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

Token Name	**Cloudpet Token**
Contract	0xA4904cc19c4Fd9BF3152ff96Cdf72a8F135B5286
Link to Contract	https://bscscan.com/token/0xA4904cc19c4Fd9BF3152ff96Cdf72a8F135B5286
Token Type	BEP20
Platform	Binance Smart Chain
Language	Solidity
Link to Testnet	https://testnet.bscscan.com/address/0xA97B3aaA5F63e5c9F2517FE9184302A8a5A86B35
Web Site	https://cloudpet.io/
Twitter	https://twitter.com/CloudPetO
Telegram Group	https://t.me/CloudPet_Community
Announcement	https://t.me/Cloudpet_Announcements

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
LOW	Minor vulnerabilities which may not affect the smart contract operation and cannot harm the investors are classified as Low-Level Severity
MEDIUM	Vulnerabilities which do not has direct risk for investors but has possibility of affect Smart contract operation are classified as Medium-Level Severity. Investors must consider effect of this kind of vulnerabilities to their investments.
HIGH	Risks which can highly impact Smart contracts operation, may cause loss of funds and harm investors are classified as High-Level Severity. It is highly recommended to owners to eliminate the risks in this level and to investors not to invest to a contract with High-Level Severities.

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