



verichains

SECURITY AUDIT OF
CATZILLA TOKEN



Public Report

Dec 10, 2024

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Driving Technology > Forward

ABBREVIATIONS

Name	Description
Solana Blockchain	Solana is a blockchain built for mass adoption. It's a high-performance network that is utilized for a range of use cases, including finance, NFTs, payments, and gaming. Solana operates as a single global state machine, and is open, interoperable and decentralized.
Program	An app interacts with a Solana cluster by sending it transactions with one or more instructions. The Solana runtime passes those instructions to program.
Lamport	A fractional native token with the value of 0.000000001 SOL.
SOL	A cryptocurrency whose blockchain is generated by the Solana platform.



EXECUTIVE SUMMARY

This Security Audit Report was prepared by Verichains Lab on Dec 10, 2024. We would like to thank the Catzilla for trusting Verichains Lab in auditing smart contracts. Delivering high-quality audits is always our top priority.

This audit focused on identifying security flaws in code and the design of the CATZILLA Token. The scope of the audit is limited to the source code files provided to Verichains. Verichains Lab completed the assessment using manual, static, and dynamic analysis techniques.

During the audit process, the audit team performs on-chain information gathering and conducts some data analysis.



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1. MANAGEMENT SUMMARY

1.1. About CATZILLA Token

CATZILLA, the meme token set to smash through the meme-coin space like a giant cat through a skyscraper! Inspired by legendary "cat memes" and Japanese kaiju culture, CATZILLA is a giant orange mutant cat with Godzilla-like spikes on its back, rampaging through cities, fighting off helicopters, tanks, and colossal robots in epic battles.

But CATZILLA isn't just about destruction. It's an ecosystem designed to captivate degens, anime lovers, and anyone who loves fun-filled, action-packed worlds with the potential to earn while playing.

1.2. Audit Scope

This audit focused on identifying security flaws in the code and the design of the CATZILLA Token. It was conducted on the token address `cat3tiVK2TzJjxYHshNfmq2bKAhVwaobXWL4kdWNtrv` with on-chain data reviewed up to block height `284950066` and slot `306562232`.

1.3. Audit Methodology

Our security audit process for Solana smart contract includes two steps:

- Smart contract codes are scanned/tested for commonly known and more specific vulnerabilities using our in-house smart contract security analysis tool.
- Manual audit of the codes for security issues. The contracts are manually analyzed to look for any potential problems.

Following is the list of commonly known vulnerabilities that were considered during the audit of the Solana smart contract:

- Arithmetic Overflow and Underflow
- Signer checks
- Ownership checks
- Rent exemption checks
- Account confusions
- Bump seed canonicalization
- Closing account
- Signed invocation of unverified programs
- Numerical precision errors
- Logic Flaws

For vulnerabilities, we categorize the findings into categories as listed in table below, depending on their severity level:

SEVERITY LEVEL	DESCRIPTION
CRITICAL	A vulnerability that can disrupt the contract functioning; creates a critical risk to the contract; required to be fixed immediately.
HIGH	A vulnerability that could affect the desired outcome of executing the contract with high impact; needs to be fixed with high priority.
MEDIUM	A vulnerability that could affect the desired outcome of executing the contract with medium impact in a specific scenario; needs to be fixed.
LOW	An issue that does not have a significant impact, can be considered as less important.

Table 1. Severity levels

1.4. Disclaimer

Catzilla acknowledges that the security services provided by Verichains, are conducted to the best of their professional abilities but cannot guarantee 100% coverage of all security vulnerabilities. Catzilla understands and accepts that despite rigorous auditing, certain vulnerabilities may remain undetected. Therefore, Catzilla agrees that Verichains shall not be held responsible or liable, and shall not be charged for any hacking incidents that occur due to security vulnerabilities not identified during the audit process.

1.5. Acceptance Minute

This final report served by Verichains to the Catzilla will be considered an Acceptance Minute. Within 7 days, if no any further responses or reports is received from the Catzilla, the final report will be considered fully accepted by the Catzilla without the signature.

Report for Catzilla

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2. AUDIT RESULT

2.1. Overview

The CATZILLA Token program has been established using the Metaplex Token Metadata program.

The audited version of the CATZILLA Token program has identified the below information:

PROPERTY	VALUE
Website	https://catzilla.meme/
Token Symbol	CATZILLA
Token Mint Address	cat3tiVK2TzJjxYHshNfmq2bKAhVwaobXWL4kdWNtrv
Data URI	https://arweave.net/eWTdLXb2R5LpBmi5yYVlbRO1Y5Rk1H6DRN2F-7RMURQ
Current Supply	10,000,000,000 (x10 ⁶)
Mint authority	Revoked
Freeze authority	Not Set
Created At	December 05, 2024
Market	Not Listed Yet
Token-2022 Program	No, using Token Program instead
sellerFeeBasisPoints	0
Is Mutable	False
Creator	2eHGdBia5qZ8mXtjgEMogVvsthq8bwww4Se35CbMFxuY
Extensions	False

PROPERTY	VALUE
Holder	100% by GJHfjwut7zM1Gpz8XCiV2tYLHHEtv3CRksZ6JBrfCui4
Update Authority	2eHGdBia5qZ8mXtjgEMogVvsthq8bwww4Se35CbMFxuY
Token Account	C7rnU8skKvLBUYKbhXskmQ4aAwxTDdrNzPdRDSH7kHbV
Owner of Token Account	GJHfjwut7zM1Gpz8XCiV2tYLHHEtv3CRksZ6JBrfCui4

Table 2. CATZILLA Token's properties

The CATZILLA Token token exhibits a high level of centralization, as it is entirely held by a single address. This makes it highly vulnerable to the actions of a single entity. Although the mint authority has been revoked, ensuring that no additional tokens can be created, the admin also lacks the ability to mint tokens for distribution.

The update authority resides with the creator's address, granting exclusive control over any modifications to the token's metadata and configuration. This further consolidates power with a single entity.

Currently, the token has not been listed on any marketplace, leaving its distribution and trading entirely under the creator's control.

The token features a seller fee basis point of 0, meaning no transaction fees are charged. This may be a deliberate strategy to promote adoption and usage.

Additionally, the token program is immutable, ensuring that the program cannot be upgraded. This provides users with confidence that the token's behavior and functionality will remain stable over time.

2.2. Findings

During the audit process, the audit team has identified no security issues in the audit scope.

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3. VERSION HISTORY

Version	Date	Status/Change	Created by
1.0	Dec 10, 2024	Public Report	Verichains Lab

Table 3. Report versions history