



# SPYWOLF

## Security Audit Report



Audit prepared for  
**Hilarious Harry**

Completed on  
**January 6, 2025**





# OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Program's source code
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence



*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

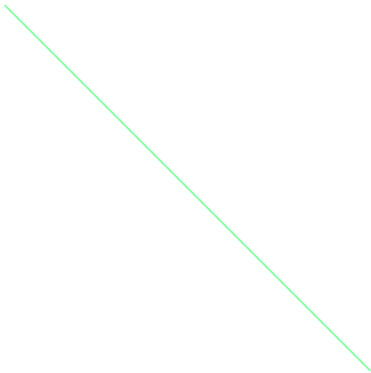




# TABLE OF CONTENTS

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Project Description	01
Program Information	02
Current Stats	03
Vulnerability Analysis	04
Website Analysis	05
Social Media Review	06
About SPYWOLF	07
Disclaimer	08



# Hilarious Harry



## PROJECT DESCRIPTION

Welcome to Hilarious Harry, the AI-driven crypto charm with a side of sarcasm. Forget the “moonshots” and “diamond hands”—Harry’s here to remind you that in crypto, you’re probably just another fish in a very sarcastic sea. But hey, it’s all in good fun. Hilarious Harry is crypto’s first coin with a chatbot that’ll roast you for asking obvious questions, make you chuckle when things tank, and applaud your “unique” decision-making with a smirk.

**Release Date:** TBD

**Category:** Meme

01





# PROGRAM INFO

Token Name  
Hilarious Harry (HIHA)

Program Address  
8P9xvCnV6ojzxbjuwexyGQbXMJdp8jNz5zxLgnRLZhS

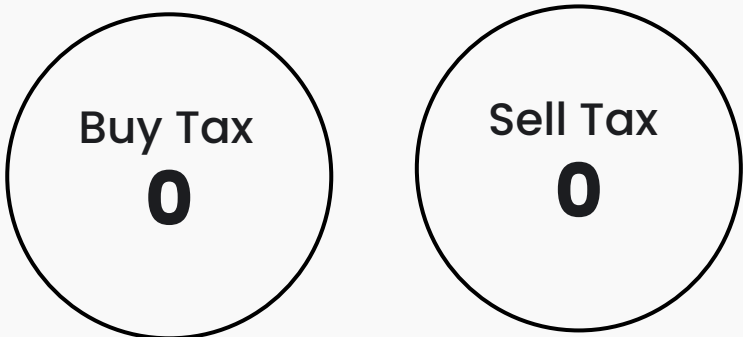
Network Solana	Language Rust
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Deployment Date Nov 16, 2024	Program Type Token
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Owner Program  
TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5D  
A

Mint Address  
8P9xvCnV6ojzxbjuwexyGQbXMJdp8jNz5zxLgnRLZhS

## TAXES



## Our Program Review Process

The contract review process pays special attention to the following:

- ✓ Testing the programs against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring program logic meets the specifications and intentions of the client.
- ✓ Cross referencing program structure and implementation against similar programs produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- Solana Program Library (SPL)
- Manual Auditing / Sec3 / Neodyme
- Rust Compiler
- Anchor Framework



# CURRENT STATS

## Authority Information:

**Mint Authority:** 8P9xvCnV6ojzxbjuwexyGQbXMJdp8jNz5zxLgnRLZhzS

**Freeze Authority:** None (Freeze Authority has been disabled)

**Update Authority:** DjqhwMW34y5mhPGLuT446wdQy2LDD5dkqMvKhdfy6gEc

**Creator:** DjqhwMW34y5mhPGLuT446wdQy2LDD5dkqMvKhdfy6gEc

**Owner Program:** TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA

**Primary Sale Happened:** No (value = 0)

**Is Mutable:** No (value = 0)

**Token Standard:** 2

**Seller Fee Basis Points:** 0

**Edition Nonce:** 253

**Current Supply:** 10,000,000,000,000 tokens

## Transaction History:

**Creation Time:** November 16, 2024 20:27:05 +UTC

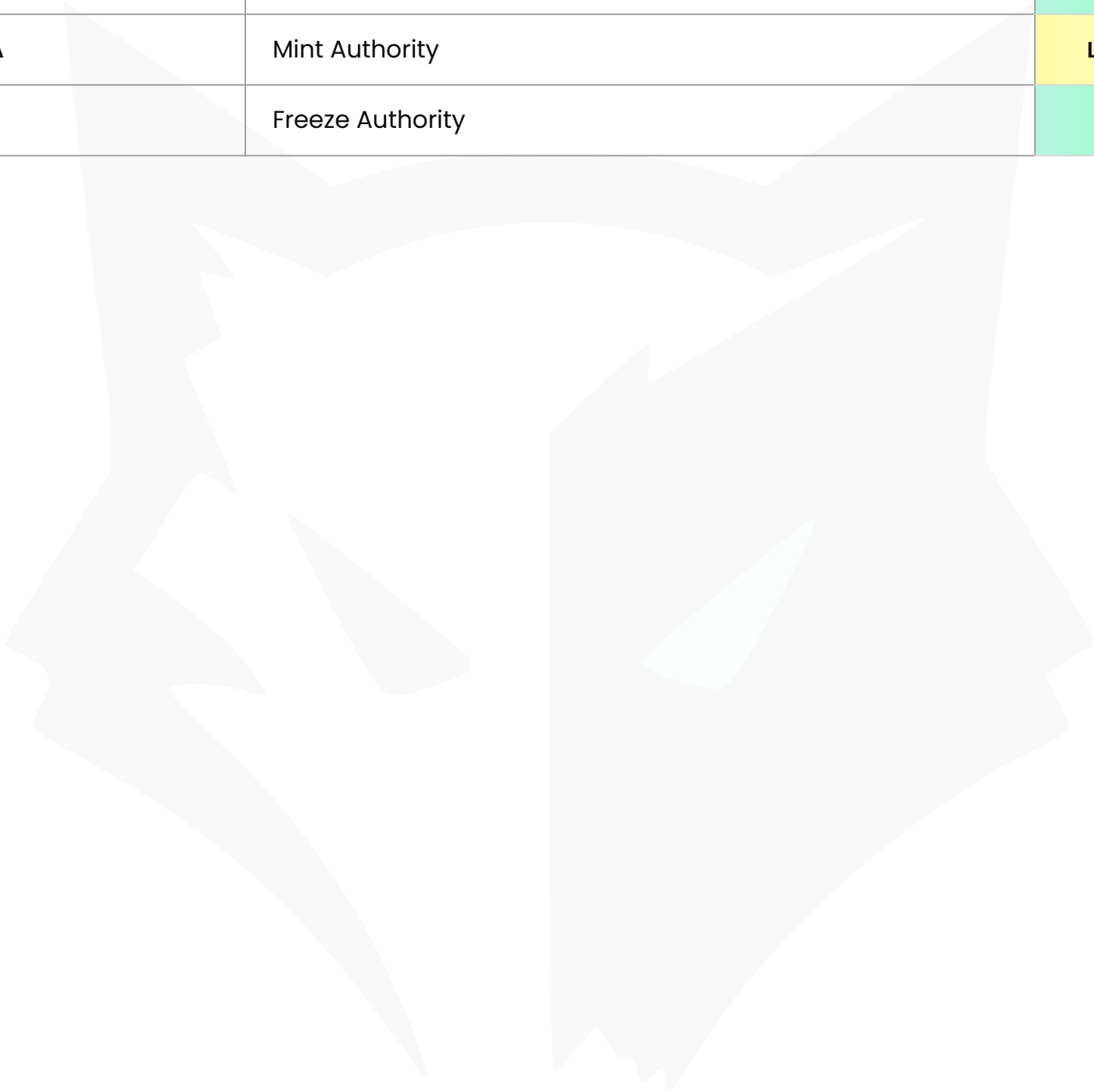
**First Mint Transaction Hash:**

2XCbqapcnahercBdnxvdhxPKAuxSRJZF16aUquGkQRXgpojAvM1CvLgCZa  
dBZ1R5fjChCEv3UyKwjT2yjPG9ajME



# CODE REVIEW

Code	Title	
STPUPA	Update Authority	Low Risk
STPTFA	Transfer Fee Configuration Authority	Passed
STPMTA	Mint Authority	Low Risk
STPFRA	Freeze Authority	Passed





# VULNERABILITY ANALYSIS

## ERRORS FOUND

### STPUPA: Update Authority

**Description:** The update authority controls changes to the token's metadata, such as URI or royalty settings.

**Current Configuration:** The update authority is set to `Djqhwmw34y5mhPGLuT446wdQy2LDD5dkqMvKhdfy6gEc`.

 Low Risk

**Analysis:** If the update authority is compromised or misused, the metadata of the token could be altered maliciously. While the creator address is verified, external risks like key leakage should be mitigated.

- Recommendation:
  - Ensure that the private key for the update authority is securely stored and consider transferring authority to a multisig wallet for added security.





# VULNERABILITY ANALYSIS

## ERRORS FOUND

### STPTFA: Transfer Fee Configuration Authority

**Description:** The transfer fee configuration authority governs the ability to impose fees during token transfers.

**Current Configuration:** No transfer fee authority or fee configuration was detected in the metadata.

 Passed

**Analysis:** The absence of transfer fees minimizes the complexity and user friction during token transactions, but care must still be taken to prevent future modifications.

- Recommendation:
  - Maintain this configuration to enhance user experience unless transfer fees are critical to the project's model.



# VULNERABILITY ANALYSIS

## ERRORS FOUND

### STPMTA: Mint Authority

**Description:** The mint authority can create (mint) new tokens, significantly impacting the tokenomics and trust in the system.

**Current Configuration:** Mint authority appears to be controlled by the update authority, `DjqhwMW34y5mhPGLuT446wdQy2LDD5dkqMvKhdfy6gEc`.

 **Low Risk**

**Analysis:** Unlimited minting power could lead to inflation and loss of trust in the token. With the current centralized control, it is crucial to verify mint restrictions.

- **Recommendation:**
  - Lock or disable mint authority if the token supply is fixed. Alternatively, transfer mint authority to a multisig wallet or implement a transparent governance model.



# VULNERABILITY ANALYSIS

## ERRORS FOUND

### STPFRA: Freeze Authority

**Description:** The freeze authority allows the token owner to freeze accounts, potentially preventing token transfers.

**Current Configuration:** No freeze authority detected in the metadata.

 **Passed**

**Analysis:** The absence of a freeze authority enhances user trust by ensuring that tokens cannot be arbitrarily frozen by a central party.

- **Recommendation:**
  - No further action required as this is the preferred configuration for decentralized token models.



# TECHNICAL ANALYSIS

## Immutability

The token metadata is marked as immutable (`isMutable = 0`), ensuring no further updates can be made to the token's metadata. This is a positive sign for token stability and trust.

## Primary Sale

No primary sale has occurred (`primarySaleHappened = 0`). This indicates that initial distribution or sales are still pending, aligned with the presale plans described.

## Token Standard

The token uses SPL Token Standard 2, which is suitable for advanced configurations and integration with decentralized applications (dApps).

## Current Supply

The token has a total supply of 10,000,000,000,000 tokens, which aligns with the project's distribution and presale plans.



# WEBSITE

## Website URL

<https://hilariousharry.meme/>

## Domain Registry

<https://www.godaddy.com/>

## Domain Expiration

2025-11-14

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Very nice color scheme and overall layout.

## Content

The information helps new investors understand what the product does right away. No grammar errors found. .

## Whitepaper

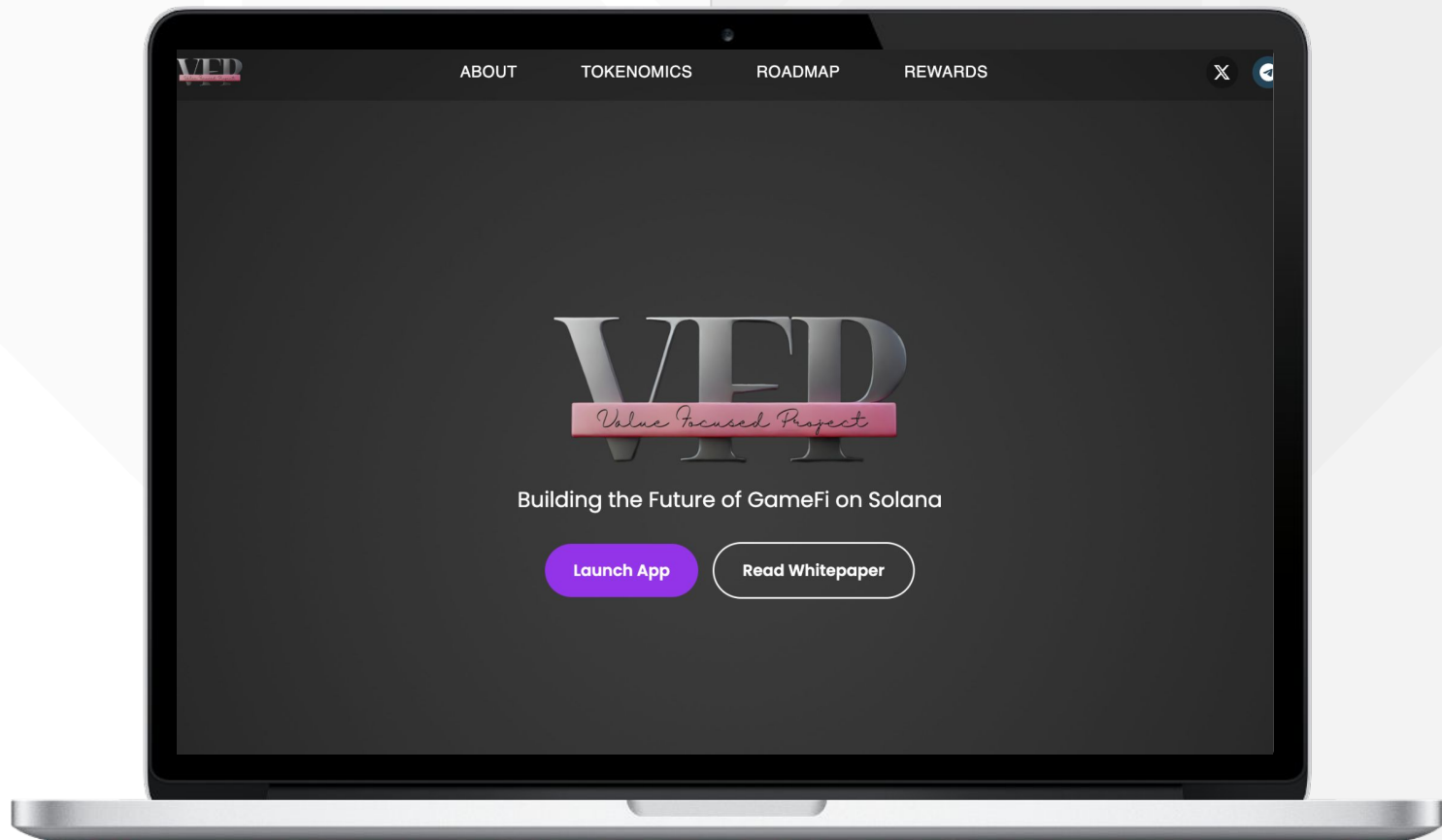
Yes

## Roadmap

Yes

## Mobile-friendly?

Yes



# hilariousharry.meme

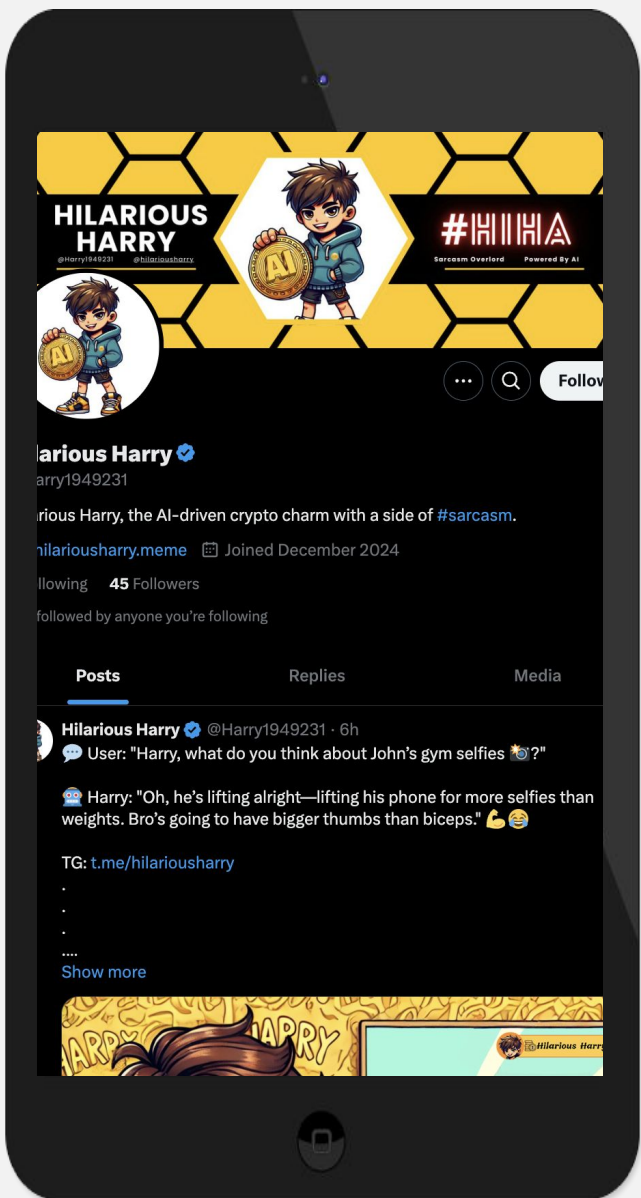
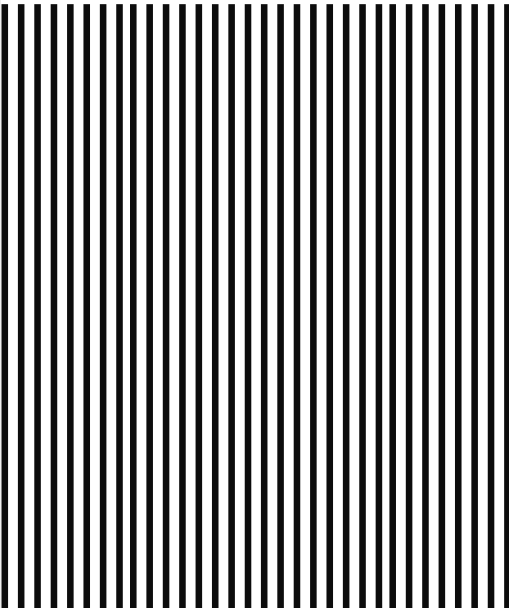


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

The social media pages are new but active.



Twitter's X

@Harry1949231

- 45 Followers
- Daily posts



Discord

@UsWXHWN9v

- 2 members



Telegram

@hilariousharry

- 61 members
- Active mods and devs
- Daily announcements



Medium

@HilariousHarry

- 2 posts



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 700 SUCCESSFUL CLIENTS
- ✓ MORE THAN 1000 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency 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 disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.

