Hex Trust wXRP Solana OFT
Solana Program Patch Review
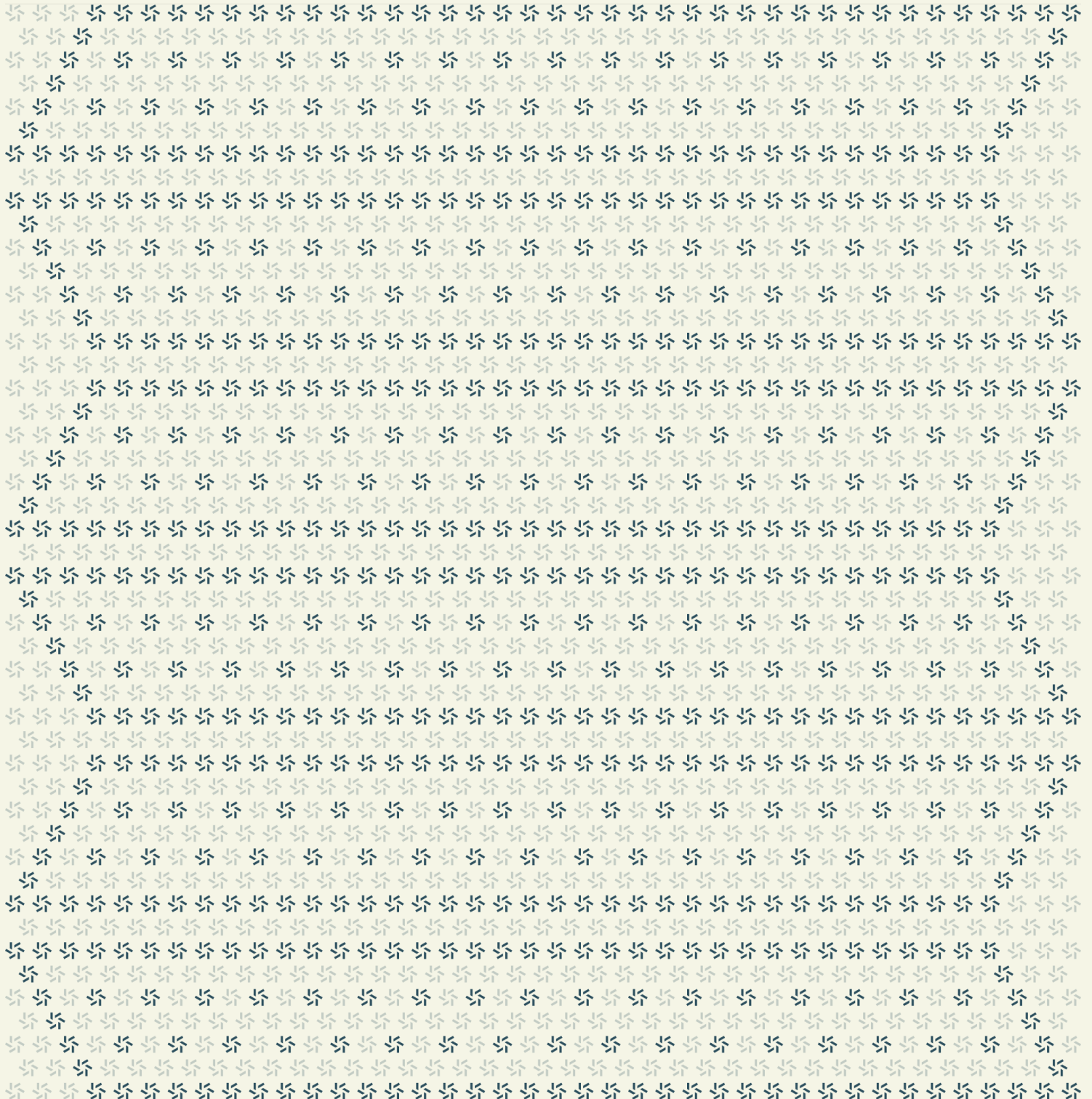
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About Zellic

Zellic is a vulnerability research firm with deep expertise in blockchain security. We specialize in EVM, Move (Aptos and Sui), and Solana as well as Cairo, NEAR, and Cosmos. We review L1s and L2s, cross-chain protocols, wallets and applied cryptography, zero-knowledge circuits, web applications, and more.

Prior to Zellic, we founded the #1 CTF (competitive hacking) team ↗ worldwide in 2020, 2021, and 2023. Our engineers bring a rich set of skills and backgrounds, including cryptography, web security, mobile security, low-level exploitation, and finance. Our background in traditional information security and competitive hacking has enabled us to consistently discover hidden vulnerabilities and develop novel security research, earning us the reputation as the go-to security firm for teams whose rate of innovation outpaces the existing security landscape.

For more on Zellic's ongoing security research initiatives, check out our website zellic.io ↗ and follow @zellic_io ↗ on Twitter. If you are interested in partnering with Zellic, contact us at hello@zellic.io ↗.

1. Introduction

We were asked to review a minor patch to Hex Trust wXRP Solana OFT which updated the Anchor framework dependency on December 8th, 2025.

1.1. Scope

The engagement involved a review of the following targets:

Hex Trust wXRP Solana OFT Programs

Type	Solana
Platform	Solana
Target	wrapped-xrp
Repository	https://github.com/hextrust/wrapped-xrp ↗
Version	Diff from dab81aca in https://github.com/LayerZero-Labs/devtools/tree/main/examples/oft-solana/programs/oft to 944c312 in wrapped-xrp
Programs	Anchor.toml Cargo.lock programs/oft/Cargo.toml programs/oft/src/instructions/lz_receive.rs programs/oft/src/instructions/lz_receive_types.rs rust-toolchain.toml

Contact Information

The following project managers were associated with the engagement:

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The following consultants were engaged to conduct the assessment:

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1.2.   Disclaimer

This assessment does not provide any warranties about finding all possible issues within its scope; in other words, the evaluation results do not guarantee the absence of any subsequent issues. Zellic, of course, also cannot make guarantees about any code added to the project after the version reviewed during our assessment. Furthermore, because a single assessment can never be considered comprehensive, we always recommend multiple independent assessments paired with a bug bounty program.

For each finding, Zellic provides a recommended solution. All code samples in these recommendations are intended to convey how an issue may be resolved (i.e., the idea), but they may not be tested or functional code. These recommendations are not exhaustive, and we encourage our partners to consider them as a starting point for further discussion. We are happy to provide additional guidance and advice as needed.

Finally, the contents of this assessment report are for informational purposes only; do not construe any information in this report as legal, tax, investment, or financial advice. Nothing contained in this report constitutes a solicitation or endorsement of a project by Zellic.

2. Patch Review

This section reviews the provided patch commit. The only changes made were updates to the Anchor framework dependency to version `0.31.2`, updating the rust toolchain to `nightly-2025-06-30`, and updating the `oapp` and `utils` dependencies to commit `37a2235e`.

No functional changes were introduced in this patch and no issues were found.