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Beef's Finance

SECURITY REVIEW

Date: 8 March 2025

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1. About Shieldify

Positioned as the first hybrid Web3 Security company, Shieldify shakes things up with a unique subscription-based auditing model that entitles the customer to unlimited audits within its duration, as well as top-notch service quality thanks to a disruptive 6-layered security approach. The company works with very well-established researchers in the space and has secured multiple millions in TVL across protocols, also can audit codebases written in Solidity, Vyper, Rust, Cairo, Move and Go.

Learn more about us at shieldify.org.

2. Disclaimer

This security review does not guarantee bulletproof protection against a hack or exploit. Smart contracts are a novel technological feat with many known and unknown risks. The protocol, which this report is intended for, indemnifies Shieldify Security against any responsibility for any misbehavior, bugs, or exploits affecting the audited code during any part of the project's life cycle. It is also pivotal to acknowledge that modifications made to the audited code, including fixes for the issues described in this report, may introduce new problems and necessitate additional auditing.

3. About Beef's Finance

Beefs Finance is a meme-driven cryptocurrency project with its \$BEEFS token, targeting high-risk investors. The protocol operates as a "Last Man Standing" game, encouraging speculative investment in a volatile, competitive environment for potentially high returns.

Learn more about the protocol's mechanics [here](#).

4. Risk Classification

Severity	Impact: High	Impact: Medium	Impact: Low
Likelihood: High	Critical	High	Medium
Likelihood: Medium	High	Medium	Low
Likelihood: Low	Medium	Low	Low

4.1 Impact

- **High** – results in a significant risk for the protocol's overall well-being. Affects all or most users
- **Medium** – results in a non-critical risk for the protocol affects all or only a subset of users, but is still unacceptable
- **Low** – losses will be limited but bearable – and covers vectors similar to grieving attacks that can be easily repaired

4.2 Likelihood

- **High** – almost certain to happen and highly lucrative for execution by malicious actors
- **Medium** – still relatively likely, although only conditionally possible
- **Low** – requires a unique set of circumstances and poses non-lucrative cost-of-execution to rewards ratio for the actor

5. Security Review Summary

The security review was conducted over the span of 1 day by the core Shieldify team. The code is written professionally, and bases it's functionality on Eggs Finance, which has been thoroughly audited. All best practices are considered. The only functionalities added on top of Eggs.Finance are in the `disableWhitelistRequirement()` and `addToWhitelist()` functions, which control the whitelist process. The Shieldify team has not identified any potential security issues.

Shieldify extends its gratitude to Beef Finance for cooperating with all the questions our team had.

5.1 Protocol Summary

Project Name	Beef's Finance
Repository	Beef-Contract
Type of Project	Meme-driven cryptocurrency
Audit Timeline	1 day
Review Commit Hash	ade109d1717df2d68935920dd2e6241a454dab55
Fixes Review Commit Hash	N/A

5.2 Scope

The following smart contract was in the scope of the security review. The focus has been solely and exclusively on the `disableWhitelistRequirement()` and `addToWhitelist()` functions.

File	nSLOC
Beef-Contract/Flatten-beef.sol	1498
Total	1498

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Thank you!

