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Security

Bug Bounty

Balancer's bug bounty program is among the largest in DeFi with a maximum payout of **1,000 ETH** for properly disclosed critical vulnerabilities. For more information of Balancer's Bug Bounty program, please visit our Immunefi page.

> **Note**
>
> **Bounties only apply to protcol smart contracts**. Bug reports pertaining to Balancer's web interfaces, both in terms of UI/UX or servers/infrastructure, are not eligible.

For security reports outside of the scope of the bug bounty program, please reach out via security@balancer.finance

Audits

Balancer has completed full audits with Certora, OpenZeppelin, Trail of Bits, and ABKD.

Scope	Company	Report
Vault, Weighted Pool, Stable Pool	OpenZeppelin	2021-03-15
Vault, Weighted Pool, Stable Pool	Trail of Bits	2021-04-02
Vault	Certora	2021-04-22
MultiRewards, Stable Pool	OpenZeppelin	2021-10-09
Linear Pool, Stable Phantom Pool	Trail of Bits	2021-10-08

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Batch Relayer	Trail of Bits	2022-05-27
Composable Stable Pool	Certora	2022-09-23
Composable Stable Pool	Trail of Bits	2022-09-02
Managed Pool	Trail Of Bits	2022-10-25

Audit reports can also be found in the Balancer V2 Core repository.

Code Immutability

The core contracts that make up the Balancer V2 Protocol, such as the Vault and Pools (Weighted, Stable, LBP, Managed, Linear, etc), are immutable by design. Any pool updates are made by deploying brand new factories/pools and require users to electively migrate.

Balancer x Certora Accelerator

On the 10th of October 2022, Balancer launched the Balancer Certora Security Accelerator in partnership with Certora. The Security Accelerator helps projects building on Balancer increase their code security.

The Accelerator provides code reviews and grants access to Certora's formal verification Prover. This alignment strengthens the soundness of the code base and streamlines the go-to-market process for projects building on Balancer.

The Balancer x Certora Security Accelerator offers the following benefits:

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- Set up and introduction of Certora's formal verification Prover
- $10.000 USD worth of credits for Certora's formal verification Prover
- Integration assistance by Balancer on code functionality and business logic

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