HackenProof

SUMMARY REPORT

Overlayer DualDefense

Overlayer

SMART CONTRACTS CODE LANGUAGE	REPORT CREATED
Solidity	13.05.2026
AUDIT DURATION	PREPARED BY
27 Mar 2026 - 10 Apr 2026	HackenProof Team

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This report was prepared for the Overlayer DualDefense Audit

The report contains information about participants, in-scope targets as well as information about vulnerabilities found and fixed in the smart contracts code.

Approved by	HackenProof Team
Name	Overlayer DualDefense
Type	Smart Contract
Technology	Solidity
Timeline	27 Mar 2026 - 10 Apr 2026
Deployed contract / GitHub	Public

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Table of Contests

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OVERVIEW

ABOUT AUDIT

BUDGET ALLOCATED	TOTAL REPORT SUBMITTED	SCOPE REVIEW COUNT
6 000 $	197	14348

ABOUT OVERLAYER

Overlayer is a decentralized infrastructure layer that unlocks yield and efficiency from existing stablecoins. By transforming idle liquidity into productive on-chain positions, it enables scalable, non-custodial yield generation with instant liquidity, positioning itself as a foundational layer for the next generation of stablecoin-based finance.

SCOPES AND TARGETS

Target	Type	Tech
https://github.com/Overlayerfi/contracts/tree/519c9e92fd9d80d11e35e9868130f6334b88d676 • contracts/overlayerbacking/AaveHandler.sol • contracts/overlayer/StakedOverlayerWrapCore.sol • contracts/overlayer/StakedOverlayerWrap.sol • contracts/overlayer/OverlayerWrap.sol • contracts/overlayer/CollateralSpenderManager.sol • contracts/shared/SingleAdminAccessControl.sol • contracts/overlayerbacking/OverlayerBacking.sol • contracts/overlayer/OverlayerWrapCollateral.sol • contracts/overlayer/interfaces/IOverlayerWrapDefs.sol • contracts/overlayer/types/OverlayerWrapCoreTypes.sol	 Smart contract	 Solidity

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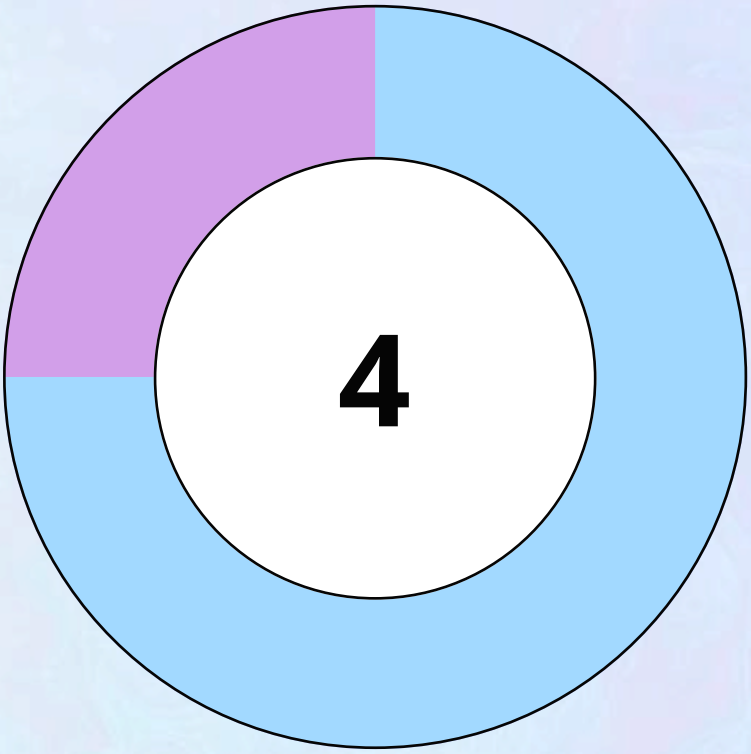
FINDINGS

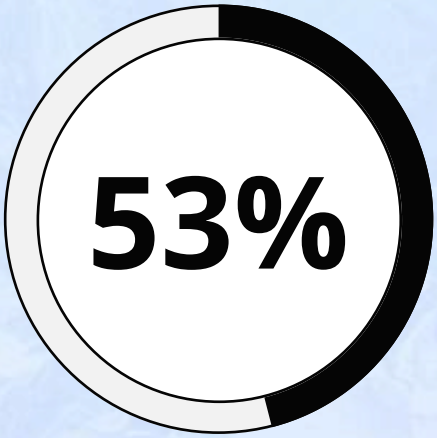
VALID REPORTS STATISTICS STATISTICS



- Critical - 1
- High - 0
- Medium - 0
- Low - 3
- Informative - 0

SIGNAL-TO-NOISE RATIO

Displays the ratio of the Valid reports and Received reports. Valid reports include Informative, Triaged, Paid, Resolved, Disclosed statuses



FINDINGS LIST

Name	Severity	Submission date
OVLRSCDD-3 _credit() arithmetic underflow on non-hub chains causes permanent loss of all cross-chain bridged tokens	• Critical	27.03.2026
OVLRSCDD-15 Critical Protocol Insolvency: adminWithdraw() Drains Entire Protocol TVL to Reward Pool	• Low	27.03.2026
OVLRSCDD-33 Denial of Service (DOS) in supplyToBacking via AaveHandler Accounting Desync	• Low	28.03.2026
OVLRSCDD-91 Blacklist bypass via StakedOverlayerWrap redemption to unblacklisted address	• Low	31.03.2026

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PAYMENT STATISTICS

REWARDS TO SECURITY RESEARCHERS

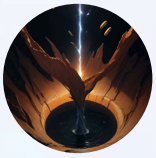
During the DualDefense audit period, bug hunters identified 1 critical vulnerability. The full reward pool of $6,000 was distributed among the security researchers who reported the critical issue.

SECURITY RESEARCHERS

TOP HACKERS

Overlayer has taken responsibility for compensating security researchers who identified vulnerabilities outside the scope of the DualDefense reward model's terms and conditions.

Researcher	Payouts	Place
 @kreasievan	$0	1
 @anaunimans	$0	2

Researcher	Payouts	Place
 @Mikreuv	$0	3
 @Kael	$0	4

CONCLUSION

ABOUT DUALDEFENSE

The audit makes no statements or warranties on security of the code. It also cannot be considered as a sufficient assessment regarding the utility and safety of the code, bugfree status or any other statements of the contract.

It is important to note that you should not rely on this report only - we recommend proceeding with several independent audits and a public bug bounty program to ensure security of smart contracts.

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. Thus, the audit can't guarantee the explicit security of the audited smart contracts.