HackenProof

SUMMARY REPORT

DexLyn Audit Contest

SMART CONTRACTS CODE LANGUAGE	REPORT CREATED
Move	08.12.2025
AUDIT DURATION	**PREPARED BY**
28.10.25-20.11.25	HackenProof Team

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HackenProof Crowdourced Audit is your solution to maximize the cybersecurity level with involvement of over 40k of the most skilled and experienced community researchers in the industry

Approved by	HackenProof team
Name	DexLyn Audit Contest
Type	Smart Contracts
Technology	Move
Timeline	28.10.25-20.11.25
Deployed contract / GitHub	Public
Initial commit	8f66511ca61bc10110ae5569de49d267a48a114d
Final commit	f5df187afca023b9a96e01b4c4ab93985f36579f

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Table of Contests

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OVERVIEW

ABOUT AUDIT

BUDGET ALLOCATED	TOTAL REPORT SUBMITTED	SCOPE REVIEW COUNT
$15 000	273	10757

ABOUT DEXLYN

DexLyn is an open-source decentralized exchange built on Supra Chain, a protocol that facilitates token swapping and liquidity management.

SCOPES AND TARGETS

Target	Type	Tech
https://github.com/hackenproof-public/tokenomics_contract	Smart contract	Move

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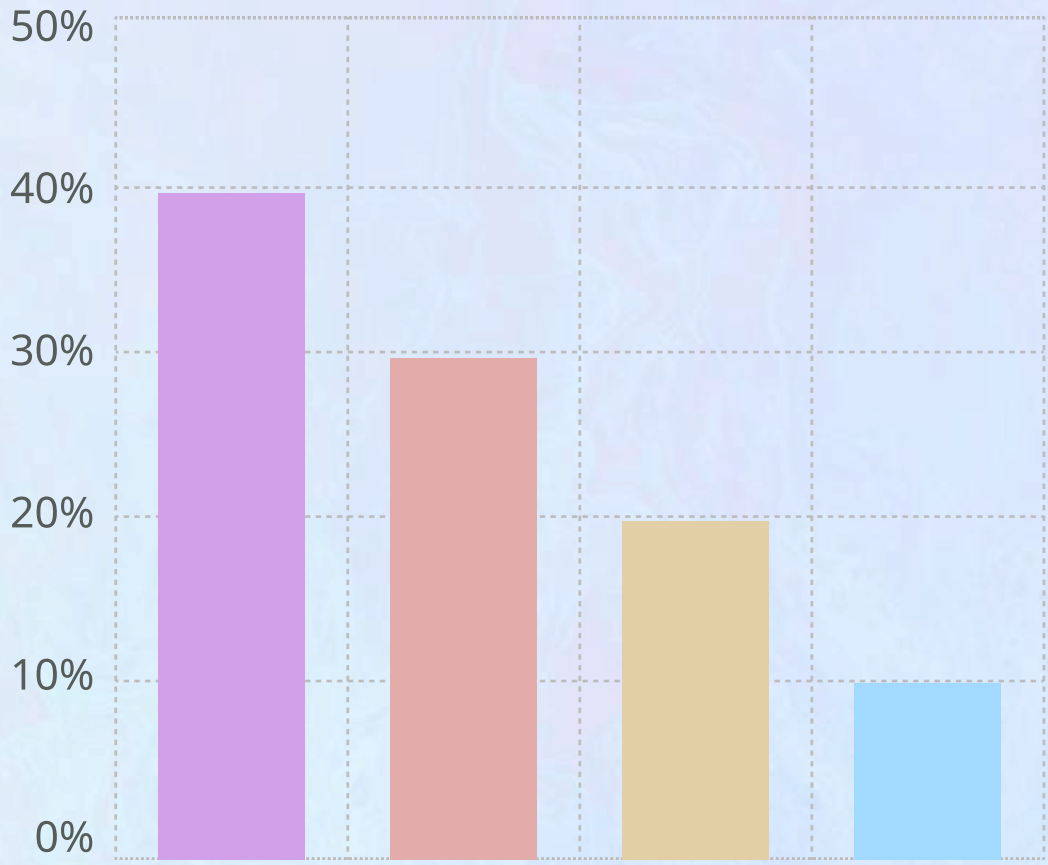
PAYMENT STATISTICS

DISTRIBUTION OF PAID-OUT REWARDS



- 40% for critical issues
- 30% for high issues
- 20% for medium issues
- 10% for low issues

BUDGET

$15 000

TOTAL PAID OUT

$9 000

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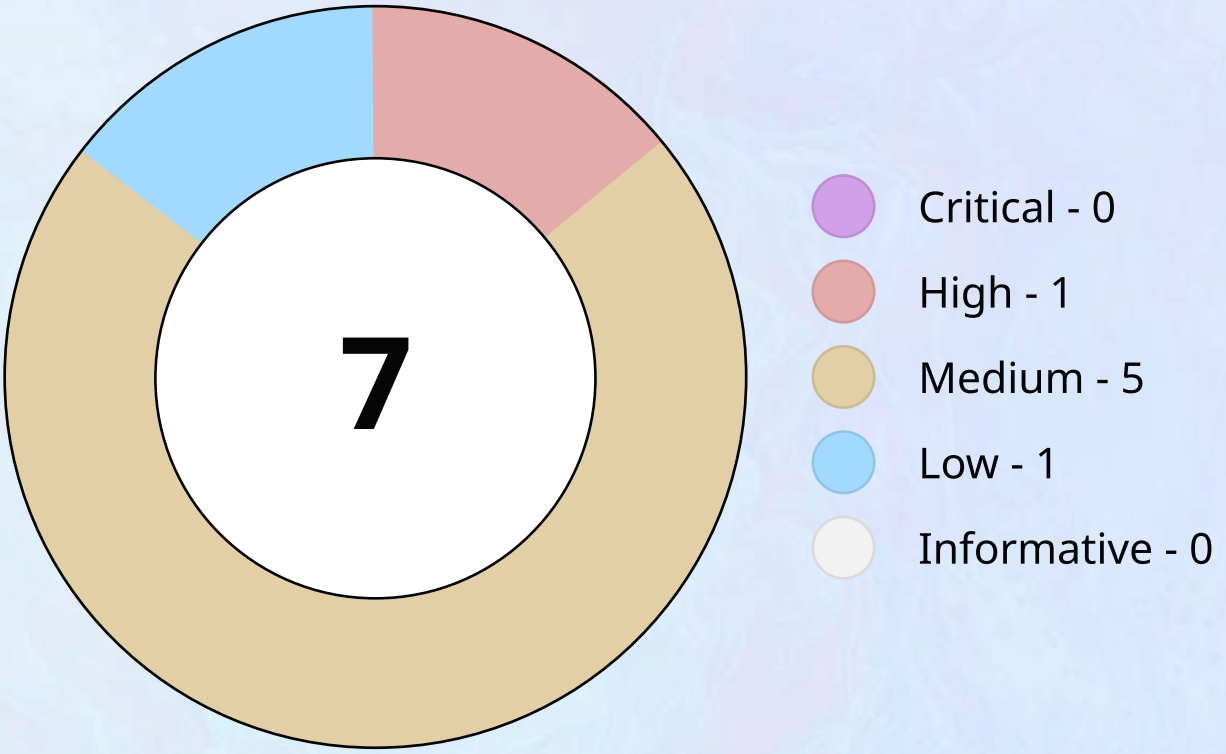
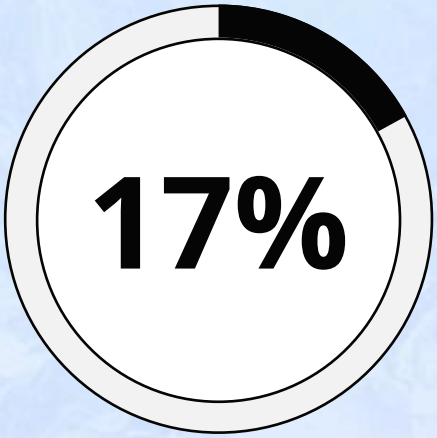
FINDINGS

VALID REPORTS STATISTICS



SIGNAL-TO-NOISE RATIO

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



FINDINGS LIST

Name	Severity	Submission date
DEXPUB-40 Emergency Mode Burns Full Balance When Withdrawing Single NFT	• High	01.11.2025
DEXPUB-36 Permanent value loss when splitting a veNFT (silent deflation)	• Medium	01.11.2025
DEXPUB-58 Freeze bypass via fungible-store migration	• Medium	02.11.2025
DEXPUB-91 Insufficient precision in `reward_increment` calculation allows reward exploitation by bad actors	• Medium	05.11.2025
DEXPUB-100 reward_per_token_internal() Arithmetic Overflow	• Medium	05.11.2025
DEXPUB-118 Missing Authorization in burn_rebase (Anyone Can Call)	• Medium	06.11.2025

Name	Severity	Submission date
DEXPUB-137 Potential DoS from integer overflow in voting power calculation	• Low	07.11.2025

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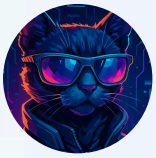
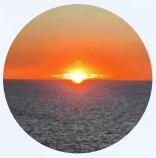
SECURITY RESEARCHERS

TOP HACKERS

Researcher	Total findings	Payouts	Place
 @sahuang Rhaloh	24	$2,110	1
 @jayx	9	$750	2
 @0x55	17	$700	3
 @polaristow	11	$685	4
 @Cangfeng	16	$685	5

CONCLUSION

ABOUT DEXLYN

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.