X28 Security Review

Report Version 0.1

November 7, 2024

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1 About Hunter Security

Hunter Security is an industry-leading smart contract security auditing firm. Having conducted over 100 security audits protecting over $1B of TVL, our team always strives to deliver top-quality security services to the best DeFi protocols. For security audit inquiries, you can reach out on Telegram or Twitter at *@georgehntr*.

2 Disclaimer

Audits are a time-, resource-, and expertise-bound effort where trained experts evaluate smart contracts using a combination of automated and manual techniques to identify as many vulnerabilities as possible. Audits can reveal the presence of vulnerabilities **but cannot guarantee their absence**.

3 Risk classification

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

3.1 Impact

- **High** - leads to a significant loss of assets in the protocol or significantly harms a group of users.
- **Medium** - involves a small loss of funds or affects a core functionality of the protocol.
- **Low** - encompasses any unexpected behavior that is non-critical.

3.2 Likelihood

- **High** - a direct attack vector; the cost is relatively low compared to the potential loss of funds.
- **Medium** - only a conditionally incentivized attack vector, with a moderate likelihood.
- **Low** - involves too many or unlikely assumptions; offers little to no incentive.

3.3 Actions required by severity level

- **High** - client **must** fix the issue.
- **Medium** - client **should** fix the issue.
- **Low** - client **could** fix the issue.

4 Executive summary

Hunter Security was engaged by X28 to review their smart contract protocol.

Overview

Project Name	X28, 1:1
Repository 1	https://github.com/jakesharpe777/ttx_x28_source_chain_1to1
Repository 2	https://github.com/jakesharpe777/ttx_x28_buyandburn_1to1
Methods	Manual review & testing

Scope

contracts/BurnInfo.sol
contracts/X28.sol
contracts/BuyAndBurnX28.sol

Issues Found

High risk	0
Medium risk	0
Low risk	0