

# **Security Review of**

## Zodiac Scope Guard

September 2021

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## Files in scope

<https://github.com/gnosis/zodiac-guard-scope/blob/1bef9c165512a0917030754d84615d713ca656b4/contracts/ScopeGuard.sol>

## Current status

All issues have been fixed by the developer. There are no known issues in

<https://github.com/gnosis/zodiac-guard-scope/blob/ad2579a3fc684b2dd87c5f87c8736cd61e46e4cb/contracts/ScopeGuard.sol>

# Issues

## 1. Redundant check in setUp

*type: optimisation / severity: minor*

Check on `line 28` is redundant because the same check happens later in the `transferOwnership` function.

*status - fixed*

Issue has been fixed and is no longer present in

<https://github.com/gnosis/zodiac-guard-scope/blob/ad2579a3fc684b2dd87c5f87c8736cd61e46e4cb/contracts/ScopeGuard.sol>

## Notes

- ScopeGuard should extend <https://github.com/gnosis/zodiac/blob/master/contracts/guard/BaseGuard.sol>
- All boolean vars are set with allow/disallow functions except for scoped which is set with toggle
- In checkTransaction some settings are fetched with a function call, others directly from storage, with no apparent reason for the difference