

# **Security Review of**

Gnosis Safe 1.3.0

April 2021

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## Files in scope

All solidity files in:

<https://github.com/gnosis/safe-contracts/tree/4bfc0c8519f1893015d7edfd2c2780fca163c364>

## Current status

No serious issues have been discovered.

# Report

## Issues

No issues have been discovered.

## Notes

- `GnosisSafe.signMessage` could be optimized by providing a hash instead of data
- `GnosisSafeProxyFactory.calculateCreateProxyWithNonceAddress` has unused return value
- In `SecuredTokenTransfer` the boolean return value of the call could be directly written to scratch space by the call function instead of using returndatacopy to retrieve it
- Some contracts implement a check that detects whether a code is being delegatecalled, there's a possible cheaper alternative to the current implementation based on storing the contract's address in an immutable in the contract's constructor and then comparing it with `address(this)` when the call is being called