G₀ Group

Security Review of
Confirmed Transaction
Gnosis Safe Module

October 12, 2020

Confirmed Transaction a 3rd party Gnosis Safe Module / October 2020

Files in scope

Following file:

https://github.com/smartcontractkit/safe/blob/f23cbfba40dea922a9459565a50ea6f526a4884e/contracts/modules/ConfirmedTransactionModule.sol

sha256: 5c0fd266078e7cd44f4bd84ea2f460ab4400992d160a2f3a2cf48a3f75a8ace4

Current status

No issues have been discovered

Notes

1. Module doesn't provide any way to enforce transaction order

Whenever transaction ordering matters, the only safe way to submit multiple transactions is to wait for each one to be confirmed on chain before submitting the new one. Addition of an incremental nonce would allow users to submit multiple transactions at the same time while enforcing the order in which they can be executed.