Commit-Chains
NOCUST Security

NOCUST operator disappears
… just after checkpoint

😊 **Transaction 1..200 are committed on-chain, can be withdrawn anytime**

Transactions 1..100

Transactions 101..200

36 hours

36 hours

Genesis Checkpoint

Checkpoint

Checkpoint

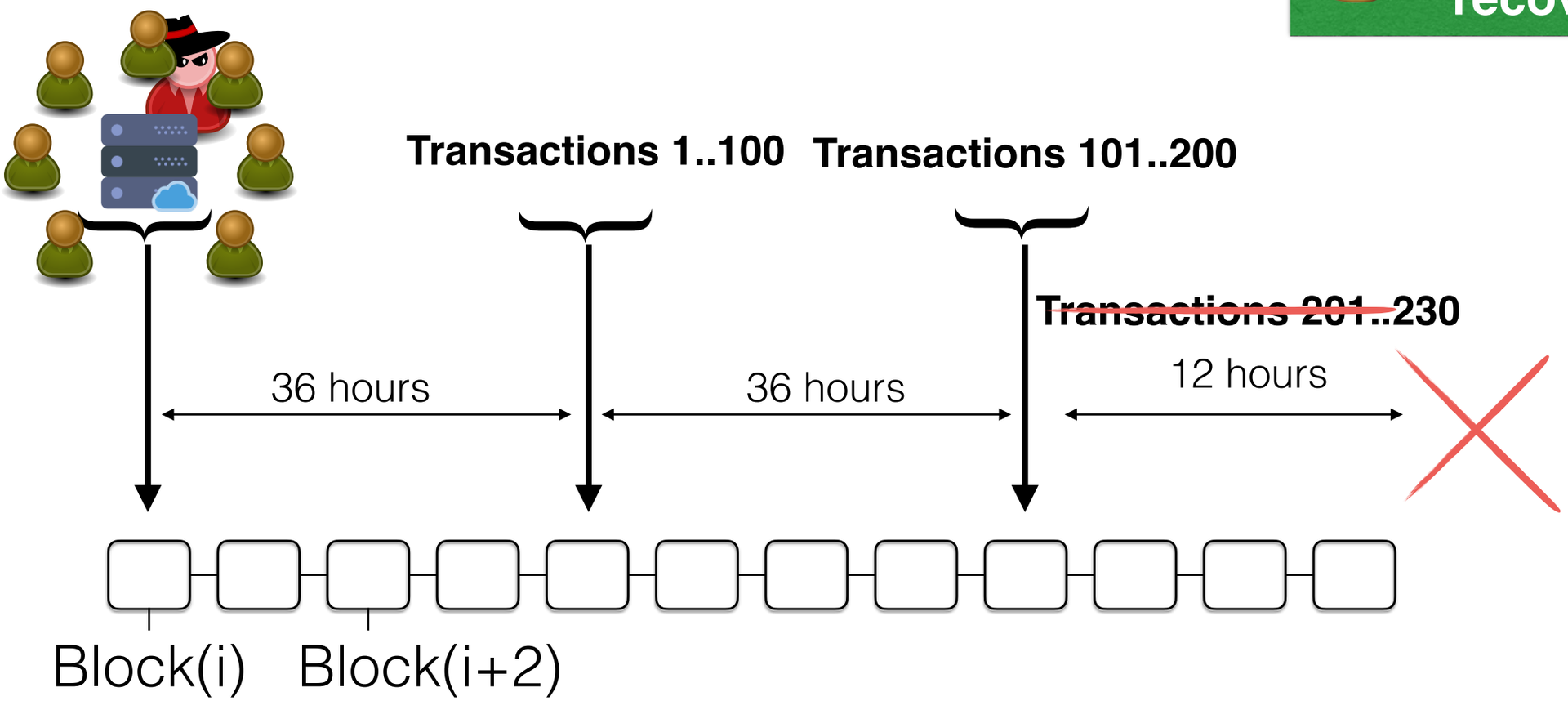
Block(i) Block(i+2)

NOCUST server disappears
… after a few transactions

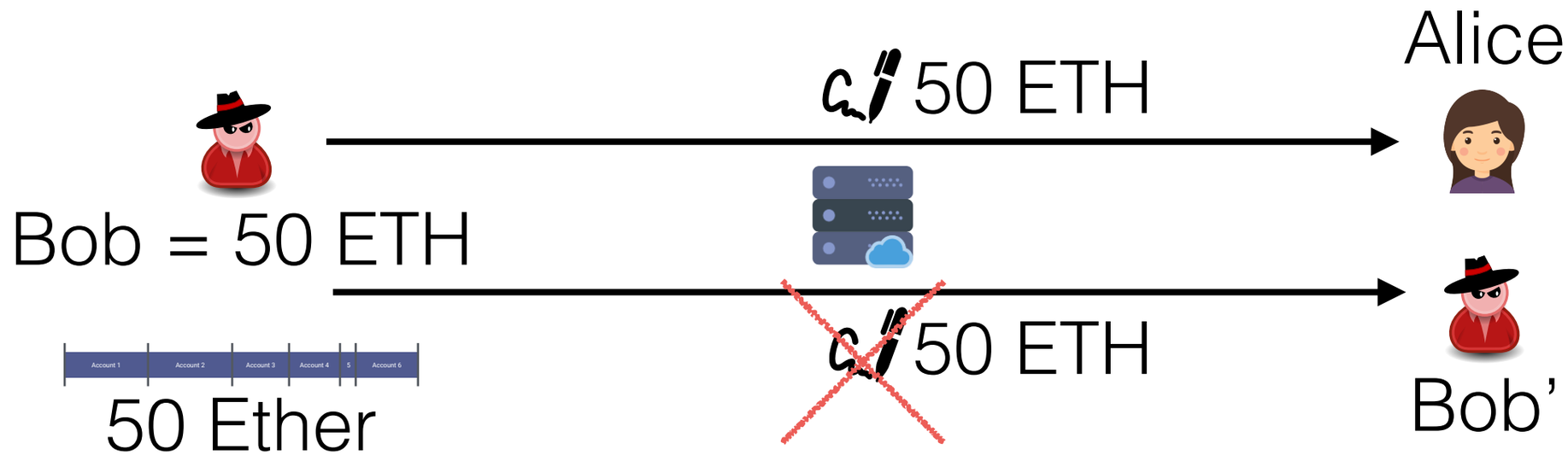
😊 **Transaction 1..200 are safe**

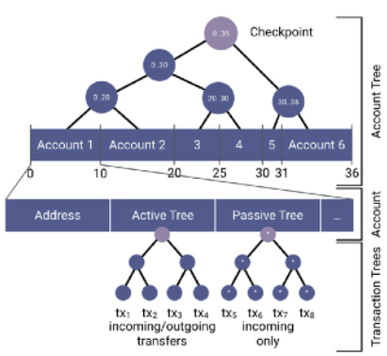
😫 **Transaction 201..230 are not committed on chain!**

💰 **Insurance Pool recovers tx** 😊

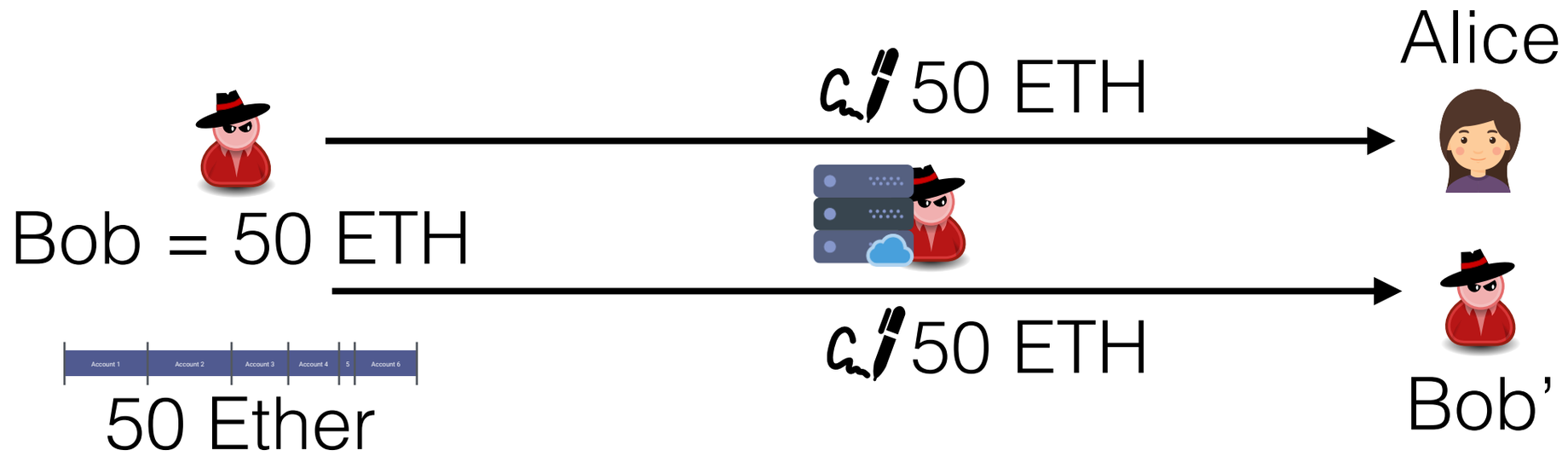


Users to attempt double-spending





NOCUST server colludes with client to attempt double-spending



Attempt to create coins

50 Ether != 100 Ether

Operator is challenged !

Attempt to steal coins

50 Ether of Alice are lost

Operator is challenged !